19-LB100156564881-s

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PRANAVA BOOKS

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U. S. Office of Aviation Information

Airman's Guide

Vol. 1

1947

Jan. 7-Mar. 18

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AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 1, NO. 21., JANUARY 7, 1947

This issue includes all data on record as of 0001 E. S. T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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Washington 25, D. C. – Price 30 cents per copy, $7.50 per year

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Lawrenceburg (70)
Lebanon (70)
Linton (67)
Lizton (70)
Logansport (35)
Lowell (34)
McCool (139)
Madison (70)
Marion (70)
Martinsville (70)
Medaryville (35)
Michigan City (35) (139)
Milroy (70)
Mishawaka (35)
Monticello (35)
Mooresville (70)
Morgantown (70)
Mount Vernon (67)
Mulberry (70)
Muncie (70)
New Carlisle (35)
New Castle (70)
Noblesville (70)
North Manchester(35)
Notre Dame (35)
Oaktown (67)
Ockley (70)
Orleans (70)
Perrysville (67)
Peru (35)
Plainfield (70)
Plymouth (35)
Portland (70)
Ramsey (70)
Rensselaer (34)
Richland (67)
Richmond (70)
Rochester (35)
Rushville (70)
Salem (70)
Scottsburg (70)
Selma (70)
Seymour (70)
Shelbyville (70)
Sheridan (70)
Shoals (70)
South Bend (35)
Stout (70)
Terre Haute (67)
Valparaiso (139)
Vevay (70)
Vincennes (67)
Wabash (35)
Warsaw (36)
Washington (67)
Wellsboro (35)
West Lebanon (67)
Winchester (70)
Yorktown (70)
Zionsville (70)

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Adair (31)
Algona (31)
Anita (31)
Ames (31)
Armstrong (31)
Atlantic (30)
Audubon (30)
Bellevue (31)
Burlington (31)
California (30)
Carroll (31)
Cedar Rapids (31)
Centerville (31)
Charlton (31)
Cherokee (30)
Clarinda (30)
Clarion (31)
Clermont (31)
Clinton (31)
Columbus Jct. (31)
Conrad (31)
Council Bluffs (30)
Creston (31)*
Davenport (31)
Decorah (31)
Denslon (30)
Des Moines (31)
Dows (31)
Dubuque (31)
Dunlap (30)
Dyersville (31)
Farlham (31)
Eldora (31)
Elkader (31)
Emmetsburg (31)
Estherville (31)
Fiscus (30)
Floyd (31)
Fort Dodge (31)
Garner (31)
Glenwood (30)
Grimes (31)
Grinnell (31)
Grand Mound (31)
Grundy Center (31)
Guthrie Center (31)
Hancock (30)
Harlan (30)
Ida Grove (30)
Independence (31)
Iowa City (31)
Iowa Falls (31)
Jefferson (31)
Keokuk (31)
Lake City (31)
Lamoni (31)
Le Mars (30)
Leon (31)
Lone Tree (31)
Lucas (31)
Manning (30)
Marshalltown (31)
Mason City (31)
Mechanicsville (31)
Melbourne (31)
Milford (30)
Missouri Valley (30)
Moneta (30)
Monroe (31)
Montezuma (31)
Mt. Airy (31)
Mt. Pleasant (31)
Muscatine (31)
Newton (31)
Ocheydean (30)
Onawa (30)
Oskaloosa (31)
Ottumwa (31)
Pella (31)
Perry (31)
Pocahontas (31)
Randolph (30)*
Red Oak (30)
Riceville (31)
Rock Rapids (30)
Sac City (31)
Seymour (31)
Sheldon (30)
Shenandoah (30)
Sioux City (30)
Sloan (30)
Spencer (20)
Spirit Lake (30)
Storm Lake (30)
Strawberry Point(31)
Stuart (31)
Sutherland (30)
Traer (31)
Washington (31)
Waterloo (31)
Webster City (31)
Wesley (31)
Winterset (31)

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Abilene (62)
Anthony (62)
Arkansas City (62)
Ashland (59)
Atchison (30)
Atwood (27)
Augusta (62)
Belleville (30)
Beloit (30)
Bern (30)
Brewster (27)
Caldwell (62)
Cassoday (62)
Cedar Point (62)
Chanute (63)
Clay Center (30)
Coffeyville (63)
Colby (27)
Coldwater (59)
Concordia (30)
Derby (62)
De Soto (31)
Dodge City (59)
Downs (30)
Edwardsville (31)
El Dorado (62)
Ellinwood (62)
Emporia (62)
Eureka (62)
Fairfax (31)
Ft. Leavenworth (31)
Ft. Riley (30)
Fort Scott (63)
Fredonia (63)
Garden City (59)
Gardner (63)*
Garnett (63)*
Girard (63)
Goodland (27)
Great Bend (59, 62)
Greensburg (59)
Hays (59))
Hazleton (62)
Herington (62)
Hiawatha (30)
Hoisington (62)
Holton (30)
Holyrood (62)
Hutchinson (62)
Independence (63)
Iola (63)
Johnson (59)
Kansas City (31)
Kechi (62)
Kingman (62)
Kinsley (59)
Kiowa (62)
Lakin (59)
Larkinburg (30)
Larned (59)
Lawrence (30)
Leavenworth (31)
Lebo (63)
Lenexa (63)
Lenora (27)*
Liberal (59)
Lyons (62)
McPherson (62)
Manhattan (30)
Mankato (30)
Marion (62)
Marshall (30)
Meade (59)
Medicine Lodge (62)
Morland (27)

(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted Seaplane Bases are not charted or indexed. N.D. New facility locations listed below black line.

Tyhee,Idaho(23) Ottawa,Ill.(34) Gillespie,Ill.(67) Morton, Ill.(67) Edwardsville,Ill.(142) Fort Madison,Iowa(31)

Moundridge (62)
Newton (62)
Norton (30)
Oberlin (27)
Olathe (63)
Ottawa (63)
Oxford (62)
Paola (63)
Parsons (63)
Phillipsburg (30)
Pittsburg (63)
Plains (59)
Pratt (62)
Russell (59)
St. Francis (27)
Salina (62)
Sabetha (59)
Scott City (59)
Sedan (62)
Seneca (30)
Sharon Springs (59)
Sherman (31)
Smith Center (30)
Smoky Hill (62)
Stafford (62)
Stanley (63)
Summerfield (30)
Syracuse (59)
Topeka (30,63)
Towanda (62)
Viola (62)
Wakefield (30)
Waldo (30)
Walker (59)
Wellington (62)
Wellsville (63)
Wichita (62)
Winfield (62)

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Ashland (71)
Bowling Green (105)
Bowman (70)
Campbell (103)
Covington (70)
Danville (70)
Eastwood (70)
Fort Knox (70)
Frankfort (70)
Glendale (70)
Godman (70)
Henderson (67)
Hopkinsville (103)
Lexington (70)
London (107)
Louisville (70)
Madisonville (67)
Mayfield (103)
Maysville (71)
Middlesboro (107)
Owensboro (67)
Paducah (103)
Paris (70)
Russell (71)
Shelbyville (70)
Shepherdsville (70)
Somerset (106)
Sturgis (67)
Sulphur (70)
Union (70)
Warsaw (70)

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Alexandria (119, 122)
Arcadia (99)
Barataria (122)
Barksdale (99)
Bastrop (99)
Baton Rouge (122)
Bogalusa (122)
Camp Polk (119)
Covington (122)
Crowley (119)
Delhi (102)
De Quincy (119)•
De Ridder (119)
Dixie (99)
Donaldsonville (122)
Eunice (122)
Ferriday (122)
Gilbert (122)
Grand Isle (122)•
Hammond (122)
Hodge (119)
Houma (122)
Jennings (119)
Lafayette (122)
Lake Charles (119)
La Place (122)
Leesville (119)
Madisonville (122)
Mansfield (119)
Many (119)•
Minden (99)
Monroe (102)
Natchitoches (119)
Newellton (122)
New Iberia (122)
New Orleans (122)
New Roads (122)
North Camp Polk (119)
Oakdale (119)•
Opelousas (122)
Patterson (122)
Pollock (119)
Ruston (102)
St. Joseph (122)
Shreveport (99)
South Camp Polk (119)
Tallulah (102)
Winnfield (119)
Winnsboro (122)

[redacted]

Andover (18)•
Auburn (18)
Augusta (18)
Bangor (18)
Bar Harbor (18)
Belfast (18)
Bethel (18)
Biddeford (46)
Bowdoinham (46)
Brewer (18)
Brunswick (46)
Caribou (18)
Deblois (18)
Dexter (18)
Dow (18)
East Corinth (18)
Eastport (18)
Farmington (18)
Freeport (46)
Fryeburg (18)
Greenville (18)
Houlton (18)
Kennebunk (46)
LaGrange (18)
Lewiston (18)
Limestone (18)
Madison (18)•
Millinocket (18)
Minot (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Phillips (18)
Pittsfield (18)
Pittston (18)
Portland (46)
Presque Isle (18)
Princeton (18)
Rangeley (18)
Rockland (18)
Sanford (46)
Scarboro (46)
Skowhegan (18)
South Portland (46)
Turner (18)
Waterville (18)
West Buxton (46)
Winterport (18)
Yarmouth (46)

[redacted]

Aberdeen (75)
Andrews (78)
Annapolis (75)
Baltimore (75)
Beltsville (78)
Berwyn (78)
Brandywine (78)•
Camp Springs (78)
Churchville (75)
Clinton (78)
College Park (78)
Croom (78)
Cumberland (74)
Doncaster (75)
Easton (75)
Edgewood Arsenal (75)
Fort Meade (78)
Frederick (75)
Glenburnie (75)
Greenbelt (78)
Hagerstown (75)
Hyattsville (78)
Meekins Neck (75)
Ocean City (75)
Patuxent River (75)
Phillips (75)
Piney Point (75)
Pomonkey (78)
Priest Point (75)
Riverdale (78)
Rock Hall (75)
Rockville (78)
Salisbury (75)
Shady Side (75)•
Taneytown (75)
Westminster (75)
Worton (75)

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Adams (43)
Agawam (43)
Auburn (46)
Ayer (46)
Bedford (46)
Beverly (46)
Billerica (46)
Boston (46)
Brant Rock (46)
Brockton (46)
Brookfield (43)
Canton (46)
Chatham (46)
Chicopee Falls (43)
Clinton (46)
Dracut (46)
East Brookfield (43)
Easton (46)
Edgartown (46)
Essex (46)
Everett (46)
Falmouth (46)
Fitchburg (46)
Franklin (46)
Gardner (43)
Great Barrington (43)
Groton (46)
Haverhill (46)
Hyannis (46)
Lawrence (46)
Leicester (46)
Mansfield (46)
Marlboro (46)
Medon (46)
Montague (43)
Myricks (46)
Nantucket Island (46)
New Bedford (46)
Newburyport (46)
Norfolk (46)
North Adams (43)
Northampton (43)
North Attleboro (46)
North Brookfield (43)
North Grafton (46)
Norwood (46)
Oak Bluffs (46)
Orange (43)
Orleans (46)
Palmer (43)
Peabody (46)
Pittsfield (43)
Plymouth (46)
Revere (46)
Seekonk (46)
South Boston (46)
Southbridge (43)
South Easton (46)
South Weymouth (46)
Spencer (46)
Springfield (43)
Squantum (46)
Taunton (46)
Vineyard Haven (46)
Wareham (46)•
West Barnstable (46)
Westboro (46)
Westfield (43)
Westover (43)
West Springfield (43)
Williamstown (43)
Worcester (46)

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Adrian (35)
Allegan (35)
Alma (35)
Alpena (15)
Amasa (15)•
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Armada (38)
Atlanta (15)
AuGres (15)•
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Bangor (35)
Battle Creek (35)
Bay City (38)
Belding (35)
Bellaire (15)•
Benton Harbor (35)
Big Beaver (38)
Big Lake (15)•
Big Rapids (35)
Birmingham (38)
Blaney (15)
Breedsville (35)
Cadillac (15)
Calumet (15)
Caro (38)
Centerville (35)•
Charlevoix (15)
Charlotte (35)
Clare (15)•
Clio (38)
Coldwater (35)
Croswell (38)
Crystal Falls (15)
Davison (38)
Detroit (38)
Douglas (35)
Dowagiac (35)
East Jordan (15)•
Eaton Rapids (35)
Elsie (35)
Escanaba (15)
Farmington (38)
Flat Rock (38)
Flint (38)
Flushing (38)
Fostoria (38)
Frankfort (15)
Fraser (38)
Galesburg (35)
Gaylord (15)
Gladwin (15)
Grand Ledge (35)
Grand Rapids (35)
Grayling (15)
Greenville (35)
Harbor Beach (15)•
Harrison (15)•
Hartford (35)
Hastings (35)
Hillman (15)
Hillsdale (35)
Holland (35)
Houghton (15)
Houghton Heights (15)
Howell (38)
Indian River (15)•
Ionia (35)
Iron Mountain (15)
Ironwood (14)
Ishpeming (15)•
Ithaca (35)
Jackson (35)
Kalamazoo (35)
Kalkaska (15)•
Kinross (15)
Lakeview (35)
Lansing (35)
Lapeer (38)
Lawton (35)
Loretto (15)•
Ludington (15)
Mackinaw City (15)•
Manistee (15)
Manistique (15)•
Marenisco (15)•
Marquette (15)
Marshall (35)
Mason (35)
Menominee (15)
Midland (35)
Milan (38)
Mio (15)•
Mt. Clemens (38)
Mt. Pleasant (35)
Munising (15)•
Muskegon (35)
Newaygo (35)
Newberry (15)•
Newport (38)
Niles (35)
Norway (15)
Onaway (15)•
Oscoda (15)
Owosso (35)
Pellston (15)
Petoskey (15)•
Plymouth (38)
Pontiac (38)
Port Huron (38)
Prudenville (15)•
Raco (15)
Rexton (15)•
Rogers City (15)
Romulus (38)
Roscommon (15)•
Roseville (38)
Rothbury (35)
Saginaw (35,38)
St. Helen (15)
St. Ignace (15)
St. James (15)•
Saline (38)
Sault Ste. Marie (15)
Selfridge (38)
Sidnaw (15)•
South Branch (15)
South Haven (35)
Sparta (35)
Sturgis (35)
Tecumseh (38)
Three Rivers (35)
Traverse City (15)
Utica (38)
Warren (38)
Watersmeet (15)•
Wayne (38)
West Branch (15)
White Cloud (35)•
Whitmore Lake (38)
Wildwood (15)
Winton (38)
Wyandotte (38)
Ypsilanti (38)

[redacted]

Aitkin (14)
Albert Lea (31)
Alexandria (11)
Amboy (31)
Anoka (14)
Appleton (11)
Austin (31)
Barnesville (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (31)
Brainerd (14)
Camp Ripley (14)
Cokato (14)
Coleraine (14)
Crookston (11)
Detroit Lakes (11)
Dodge Center (14)
Duluth (14)
Ely (14)
Fairmont (31)
Faribault (14)
Fergus Falls (11)
Frontenac (14)
Graceville (11)
Grand Rapids (14)
Hamel (14)
Hastings (14)
Hector (14)
Hibbing (14)
Jordan (14)
Kenyon (14)
Lake City (14)
Le Sueur (14)
Little Falls (14)
Littlefork (14)
Litchfield (14)
Luverne (30)
Madison (11)
Mankato (14)
Marshall (11)
Mayer (14)•
Minneapolis (14)
Montevideo (11)
Monticello (14)
Morris (11)
New Brighton (14)
Nisswa (14)
New Ulm (14)
Ortonville (11)
Osseo (14)
Owatonna (14)
Park Rapids (11)
Pipestone (30)
Princeton (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester (31)
St. Cloud (14)
St. Paul (14)
St. Peter (14)
Sherburn (31)
South St. Paul (14)
Stanton (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte (14)
Triumph (31)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake (14)
Willmar (11)
Winona (14)
Worthington (30)

[redacted]

Aberdeen (123)
Batesville (102)
Biloxi (127)
Brookhaven (122)
Canton (102)•
Clarksdale (102)
Cleveland (102)
Columbus (123)
Corinth (103)
Ellisville (127)•
Eupora (123)
Flora (102)
Florence (122)
Forest (123)
Glen Allan (102)
Greenville (102)
Greenwood (102)
Grenada (123)
Gulfport (127)
Hattiesburg (127)
Heads (102)•
Houston (123)
Jackson (122,102)
Keesler (127)
Laurel (123)
Leland (102)
Louisville (123)
McComb (122)
McLaurin (127)
Marks (102)
Meridian (123)
Moorhead (102)
Natchez (122)
Nesbitt (102)
Newton (123)•
Oxford (103)
Pascagoula (127)
Pelahatchee (123)
Picayune (127)
Rockport (122)
Starkville (123)
Tupelo (103)
Tylertown (122)
Vicksburg (102)
Walls (102)
Winona (123)
Yazoo (102)
Yokena (122)
Zeiglerville (102)

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Advance (103)
Bethany (31)
Bolivar (63)
Boonville (66)
Bowling Green (31)
Branson (63)•
Brookfield (31)
Butler (63)
Cabool (66)
Cameron (31)
Campbell (66)
Cape Girardeau (103)
Carthage (63)
Cassville (63)
Charleston (103)
Chillicothe (31)
Clinton (63)
Columbia (66)
Craig (30)
Diamond (63)
Ellisville (142)
Excelsior Spgs. (31)
Farmington (66)
Fayette (31)
Fenton (142)
Festus (66)
Fulton (66)
Gallatin (31)
Garden City (63)
Grant City (31)
Gravois Mills (66)•
Hannibal (31)
Harrisonville (63)
Houston (66)
Iberia (66)
Independence (31)
Jefferson City (66)
Joplin (63)
Kansas City (31,63)
Kennett (66)
Kirksville (31)
Kirkwood (142)
Knobnoster (63)
Lebanon (66)
Lexington (31)
Linkville (31)
Luray (31)
McBride (67)
Machens (142)•
Malden (103)
Marceline (31)
Marshall (31)
Maryville (32)
Mexico (31)
Moberly (31)
Monett (63)
Neosho (63)
Nevada (63)
New Florence (66)
Osborn (31)
Poplar Bluff (66)
Rolla (66)
St. Charles (142)
St. Joseph (31)
St. Louis (142)
St. Peters (66)
Savannah (31)
Sedalia (63)
Sikeston (103)•
Slater (31)
Spanish Lake (66,142)
Springfield (63)
Tarkio (30)
Trenton (31)
Unionville (31)
Valley Park (142)
Versailles (66)
Vichy (66)
Warrensburg (63)
West Plains (66)
Windsor (63)

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Alberton (6)
Baker (10)
Belt (6)
Big Timber (7)
Billings (7)
Birney (7)•
Bozeman (6)
Butte (6)
Cascade (6)
Chester (6)
Chinook (7)•
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer (7)
Cut Bank (6)
Deer Lodge (6)
Dell (6)
Denton (7)
Dillon (6)
Drummond (6)
Ennis (6)•
Eureka (3)
Flathead (6)•
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)•
Geraldine (6)
Geyser (6)
Glasgow (7)
Glendrive (10)
Great Falls (6)
Gregson (6)
Hamilton (6)
Hardin (7)•
Harlem (7)
Harlowton (7)
Havre (7)
Helena (6)
Homestake (6)
Hot Springs (6)•
Huson (6)•
Ingomar (7)•
Jordan (7)•
Kalispell (6)
Lavina (7)
Lewistown (7)
Libby (3)
Livingston (6)
McDonald Pass (6)
Malta (7)
Mildred (7)
Miles City (7)
Missoula (6)
Moore (7)
Mullan Pass (3)
Nibbe (7)
Park City (7)
Plains (6)
Plentywood (10)
Polesbridge (6)
Polson (6)
Poplar (7)•
Rapelje (7)
Red Lodge (7)•
Roundup (7)•
St. Xavier (7)

(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

Philadelphia, Miss. (123)

Scobey (7)
Seeley Lake (6)•
Shelby (6)
Sheridan (7)
Sidney (10)
Stanford (6)
Stevensville (6)
Superior (6)
Tampico (7)
Thompson Falls (3)
Townsend (6)
Troy (6)•
Twin Bridges (6)
Valier (6)
Vida (7)
West Yellowstone (6)
Whitehall (6)
White Sulphur Spgs. (6)
Whitetail (6)
Winston (6)
Wolf Point (7)

[redacted]

Ainsworth (30)
Alliance (27)
Atkinson (30)
Auburn (30)
Bayard (27)
Beatrice (30)
Beaver City (30)
Benkelman (27)
Big Springs (27)
Blair (30)
Brainard (30)
Broken Bow (30)
Bruning (30)
Chadron (27)
Chappell (27)
Clay Center (30)
Columbus (30)
Cozad (30)
Crawford (27)
Crete (30)
David City (30)
Decatur (30)
Elgin (30)
Fairbury (30)
Falls City (30)
Fort Robinson (27)
Fremont (30)
Geneva (30)
Gordon (27)
Gothenburg (27)
Grand Island (30)
Harvard (30)
Hastings (30)
Hayes Center (27)
Hay Springs (27)
Hebron (30)
Holdrege (30)
Humboldt (30)
Imperial (27)
Kearney (30)
Lexington (30)
Lincoln (30)
Lorenzo (27)
McCook (27)
Mead (30)
Mitchell (27)
Norfolk (30)
North Platte (27)
Offutt (30)
Ogallala (27)
Ohiowa (30)
Omaha (30)
Ord (30)
Oshkosh (27)
Overton (30)
Pender (30)
Potter (27)
Rushville (27)•
Schuyler (30)
Scottsbluff (27)
Scribner (30)
Seneca (27)
Sidney (27)
Tecumseh (30)
Valentine (27)•
Wayne (30)
Weeping Water (30)
West Point (30)

[redacted]

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Cherry Point (111)
Clinton (111)
Concord (110)
Derita (110)
Draper (110)
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Edenton (111)
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Elkin (110)
Erwin (110)
Fayetteville (110)
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Jonesville (110)
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Pope (110)
Raeford (110)
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Roanoke Rapids (111)
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Harvey (11)
Hettinger (10)
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Langdon (11)
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Mohall (10)
Mott (10)
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(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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DIGEST OF AIR TRAFFIC CONTROL PROCEDURES

This digest is prepared expecially for the use of pilots operating within control areas, airport approach zones and airport traffic zones. For detailed information, see Civil Aeronautics Administration Manual 60, AAF Regulation 60-16, and pertinent Navy Publications.

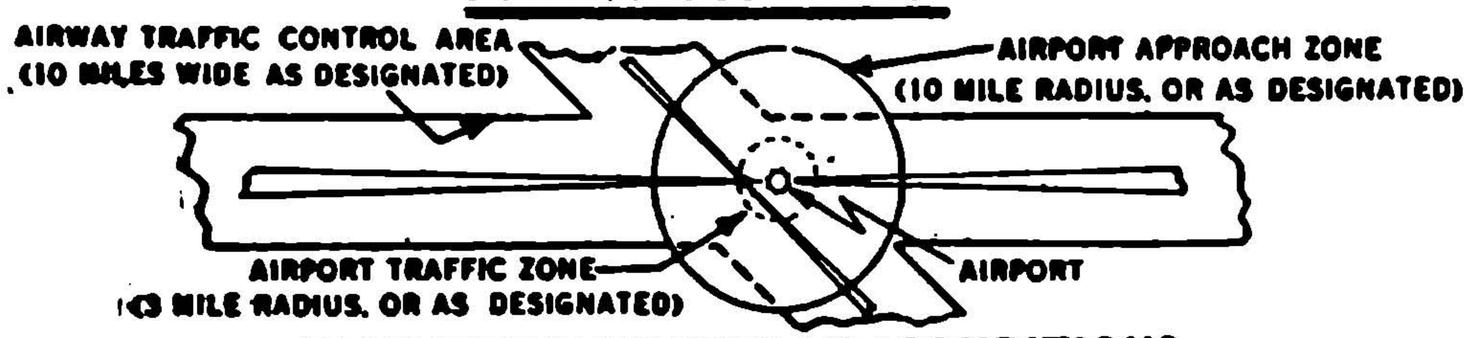
CONTACT FLIGHT RULES WEATHER MINIMUMS

	Inside Airport Traffic Zone (3-mile radius)	Inside Control Area (but outside of Airport Traffic Zones)	Elsewhere
Flights at altitudes of more than 700 feet above surface	500 feet vertically, 2000 feet horizontally from all clouds* - 3 miles visibility*	500 ft. vertically, 2000 ft. horizontally from all clouds-3 miles visibility (or 1 mi. with traffic clearance)	500 feet vertically, 2000 feet horizontally from all clouds 1 mile visibility
Flights at altitudes of 700 feet or less above surface	500 feet vertically, 2000 feet horizontally from all clouds* - 3 miles visibility*	Clear of clouds** 1 mile visibility	Clear of clouds** 1 mile visibility

*If traffic conditions permit, a control tower or control center will issue a traffic clearance when the minimums are less than those specified, but under this provision the flight must remain clear of clouds.

**If airport approach zones flights must remain 500 feet vertically and 2000 feet horizontally from all clouds unless a center or tower issues a traffic clearance for flight "clear of clouds"

CONTROLLED AREAS



FLIGHT PROCEDURES AND CONDITIONS

The types of flight plans and conditions under which aircraft may be operated are summarized as follows:

CONTACT FLIGHT RULE (CFR)- Aircraft must be flown in weather conditions equal to or better than those outlined in the weather minima chart without benefit of reductions authorized by a traffic clearance. No flight plan or communication contacts are necessary other than as required by an airport traffic control tower for regulation of local airport traffic.

CONTACT FLIGHT RULE-CONTROLLED- Aircraft may be operated in weather conditions lower than the basic weather minima within control areas, airport approach zones, and airport traffic zones, providing the pilot files flight plan specifying the route to be flown with an airway traffic control center or airport traffic control tower, he receives a traffic clearance and he complies with all conditions stipulated in the clearance. Communication contacts and position reports may be required by Air Traffic Control for this type of flight, as traffic control separation will be afforded aircraft on the same basis as aircraft operating on an IFR flight plan.

INSTRUMENT FLIGHT RULE (IFR)- Pilots proposing to operate aircraft in accordance with instrument flight rules are required to: file a complete flight plan with an airway traffic control center or airport traffic control tower and obtain a traffic clearance from the center or tower prior to flight; maintain continuous listening watch on the appropriate radio frequency, and report by radio the time and altitude of passing each designated reporting point. When an aircraft on an IFR flight plan is operating in weather conditions lower than the basic CFR minima a minimum altitude of 1000 feet above the surface must be maintained.

A traffic clearance specifying that a portion of a flight is to be conducted in accordance with contact flight rules (CFR) will require that the pilot maintain without reduction, the basic contact flight rule minima as specified in CAR 60 and assume the responsibility of avoiding other aircraft during the portion of the flight specified. In the event of two way radio failure, a pilot may (1) proceed according to current flight plan, maintaining the minimum safe altitude or the last acknowledged assigned altitude, whichever is higher, to the range station from which approach will be started to the airport of intended landing, and commence descent at approach time last authorized; or if such time has not been received and acknowledged commence descent at the time of arrival specified in the flight plan. Under such conditions a full standard instrument approach should be executed unless a CFR approach is made; or (2) if weather conditions permit, proceed in accordance with CFR; or (3) land as soon as practicable. Normally, if the aircraft is operating in CFR weather conditions at the time the radio failure is discovered, the pilot should proceed in accordance with contact flight rules to the airport of first intended landing or to the nearest suitable airport. If this is not possible, the pilot will proceed according to current flight plan. In order that uniform flight levels will be maintained by all aircraft, the altimeter should always be set to the altimeter setting of the nearest reporting station as the flight proceeds. The altimeter setting is issued by the Weather Bureau, and when placed on the barometric scale of the altimeter, will result in a reading of the elevation above sea level on the height scale of the instrument.

Traffic Clearances: In order to prevent delay to aircraft operating in contact flight rule weather conditions and yet ensure adequate separation when and if instrument flight rule weather conditions are encountered, traffic clearances to pilots filing instrument flight rule (IFR) flight plans may amend such flight plans by requiring flight in accordance with contact flight rules (CFR) for all or a portion of the flight. A traffic clearance will specify the approved altitude followed by the abbreviation "CFR". Upon receipt of such clearance, the pilot will be responsible for avoiding other aircraft while operating in CFR weather conditions and for securing an amended clearance at the specified altitude before IFR weather conditions are encountered. The pilot must remain in CFR weather conditions until the amended clearance is received. For efficient operation, the use of this procedure can only be determined by Air Traffic Control. Pilots, therefore, should not file "altitude/CFR" in any flight plan. "Altitude/CFR" is to be used only in a traffic clearance issued by Air Traffic Control.

N.B. A flight plan is required on all AAF flights except for local flights within a defined local flying area.

Arrival Reports-It should be noted that whenever a flight plan has been filed whether for CFR or IFR operations, an arrival report is required, unless the pilot has stated in the flight plan that such report will not be filed.

Maintenance of Flight Altitudes-Within control areas, aircraft should be flown at even or odd thousand-foot levels above sea level depending upon the direction of flight as indicated by odd or even minimum altitudes shown on Flight Planning Charts, unless other altitudes are assigned and approved by an airway traffic control center.

Cruising altitudes outside of control areas or approach zones shall correspond to the direction of flight as indicated below:

MAGNETIC HEADING	Indicated Altitude (feet above sea level)
0° - 89° inclusive,	odd thousands: 1,000 ft.; 3,000 ft.; etc.
90° - 179° inclusive,	odd thousands plus 500 ft.: 1,500 ft.; 3,500 ft.; etc.
180° - 269° inclusive,	even thousands: 2,000 ft.; 4,000 ft.; etc.
270° - 359° inclusive,	even thousands plus 500 ft.: 2,500 ft.; 4,500 ft.; etc.

AIRPORT TRAFFIC CONTROL PROCEDURES

Aircraft with Two-Way Radio: If operating under contact flight rules, arriving aircraft should establish communication with the control tower when approximately 15 miles from the airport of destination. The tower will issue such instructions as are necessary. Pilots should remain tuned to the tower until the landing is completed and the aircraft parked. If on an instrument flight plan, arriving aircraft should remain on range frequency as long as required for navigational purposes. The control tower should not be contacted until after a clearance "to the tower" has been received and the aircraft is 15 miles or less from the airport and clear of clouds, unless otherwise instructed. The clearance, "Cleared to Blank Tower", is also approval for approach subject to any restrictions or instructions contained in the clearance. This clearance, without any restrictions, is approval to make approach for a landing using whatever type of approach desired by the pilot.

Aircraft with Receiver Only: Remain tuned to the tower at all times when within the airport traffic zone. Acknowledge signals in the daytime by movement of ailerons or rudder on the ground and by rocking wings in the air, & at night by flashing landing light. Clearance from the tower should be received for taxiing, landing and taking-off; however, sufficient movement of the aircraft to attract the attention of the tower is permitted. If tower does not issue radio instructions, watch for light signals as the tower may not realize that the aircraft is equipped with a receiver.

Aircraft without Radio Equipment: Observe the tower for light signals, and acknowledge as above. The light signals are:

VISUAL SIGNALS FROM PORTABLE TRAFFIC SIGNAL LIGHT

Color and Type of Signal	Taxi-ing	Ready for Take-off	In Flight
STEADY GREEN	XXXXXXXXXXXX	Cleared for Take-off	Cleared to Land
FLASHING GREEN	Continue Taxi-ing	XXXXXXXXXXXXX	XXXXXXXXXXXXXXX
STEADY RED	Stop	Clear the Runway Immediately, and Wait	Give Way to Other Aircraft and Continue Circling
FLASHING RED	Return to Hangar Line	Return to Hangar Line	Return and Land
ALTERNATING RED AND GREEN	General Warning Signal - Exercise Extreme Caution		

Traffic and Taxi Patterns have been established at busy airports to illustrate the desired flow of aircraft on the ground and in the air under specified wind conditions. If the traffic pattern is not known, follow other aircraft unless otherwise instructed.

If a pilot does not receive either radio or visual signal from the tower when approaching for a landing, he should make at least one complete circle of the airport conforming to the traffic pattern, and then start approach for a landing. The pilot should be on the alert for a signal from the tower and maintain a watch for other aircraft.

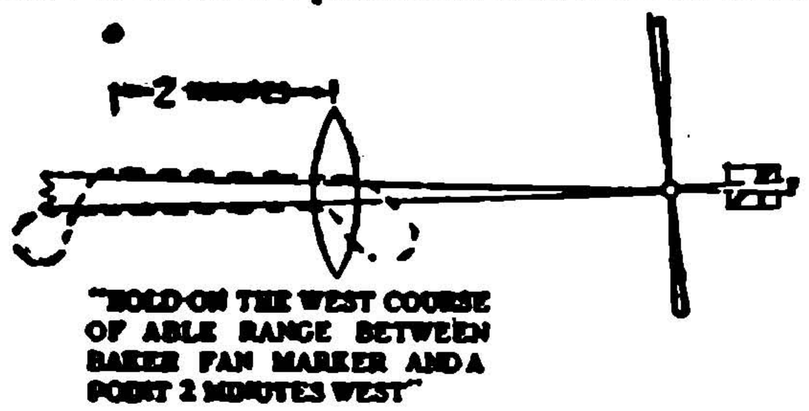
HANDLING OF CFR FLIGHT PLANS, AND ARRIVAL REPORTS

CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. These flight plans are not transmitted to the point of destination but are held in suspense until notice of arrival is received. One hour after the estimated time of arrival, if no notice of arrival is received, queries are sent out over CAA communication systems to determine the location of the aircraft. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. Arrival reports are transmitted over CAA circuits to the station holding the flight plan.

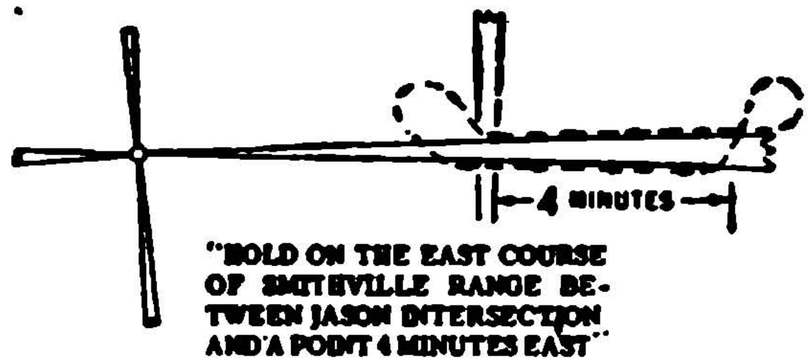
In order to reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

HOLDING PROCEDURES FOLLOWED BY AIRCRAFT AT RADIO FIXES

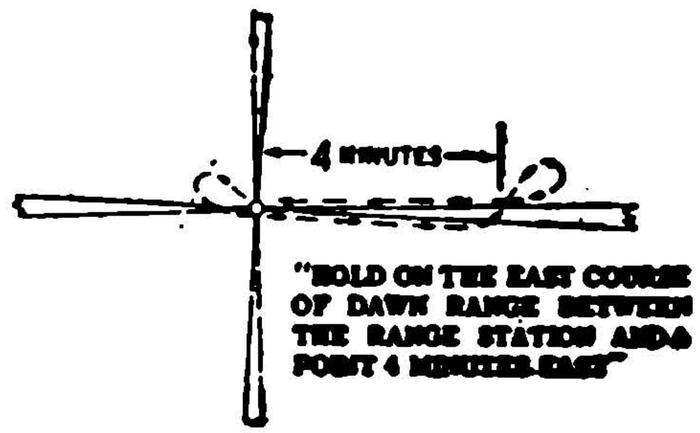
The standard holding flight path of an aircraft operating on an instrument flight rule flight plan and being held at a radio fix is to follow the right edge of the on-course signal of the specified leg of the appropriate radio range. The aircraft shall hold between the designated holding point and a point 4 minutes' flying time therefrom in the direction specified starting procedure turns at the holding point and a point 4 minutes therefrom. Unless prevented by obstructions or unless otherwise advised by an Airway Traffic Control Center or Civil Aeronautics Administration Airport Traffic Control Tower, the initial turn of a procedure turn shall be made to the left when flying away from the range station and to the right when flying toward the range station. The point to be used as the designated holding point will be identified in the traffic clearance which contains instructions for the aircraft to hold. When holding at an approach control marker, the holding flight path will extend from the specified holding point to a point not to exceed 2 minutes' flying time therefrom in the direction specified. When instructions are received giving the time of departure from the holding point, the pilot may adjust his flight path so as to be able to depart from the marker at the exact time specified.



"HOLD ON THE WEST COURSE OF ABLE RANGE BETWEEN BAKER FAN MARKER AND A POINT 2 MINUTES WEST"



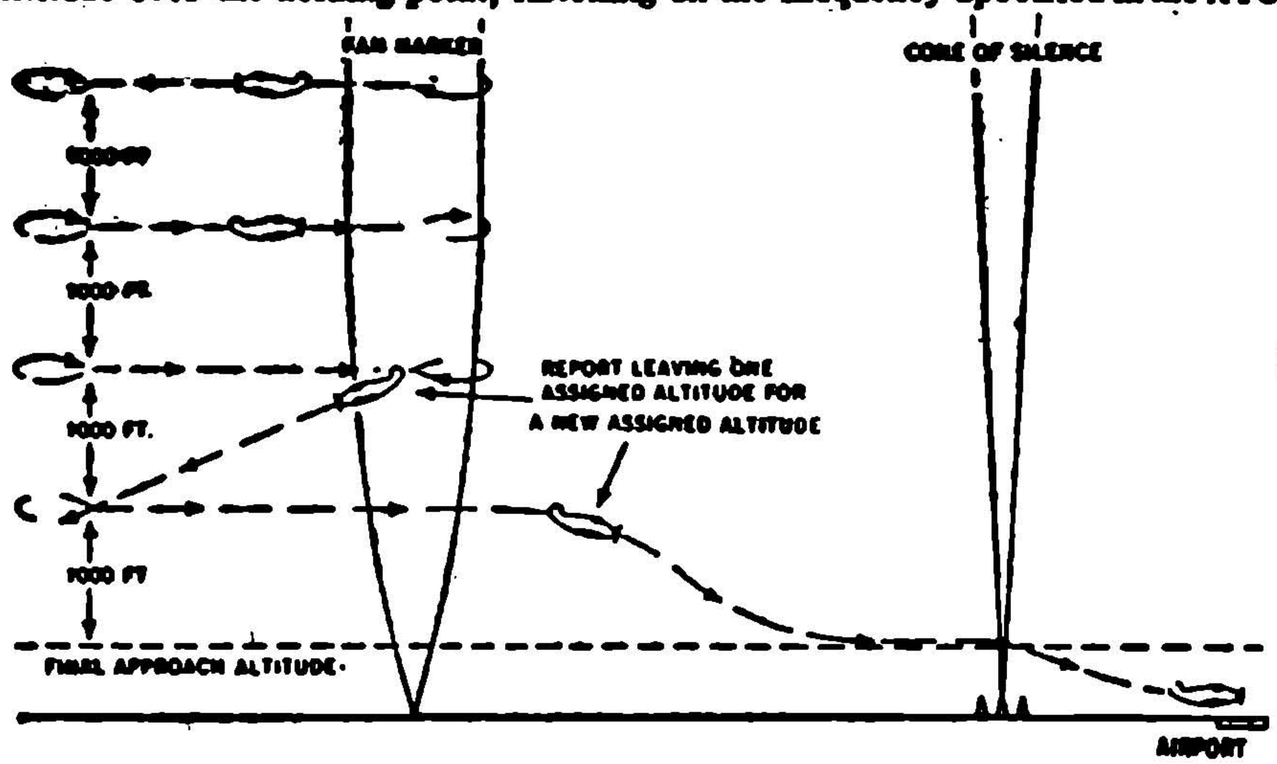
"HOLD ON THE EAST COURSE OF SMITHVILLE RANGE BETWEEN JASON INTERSECTION AND A POINT 4 MINUTES EAST"

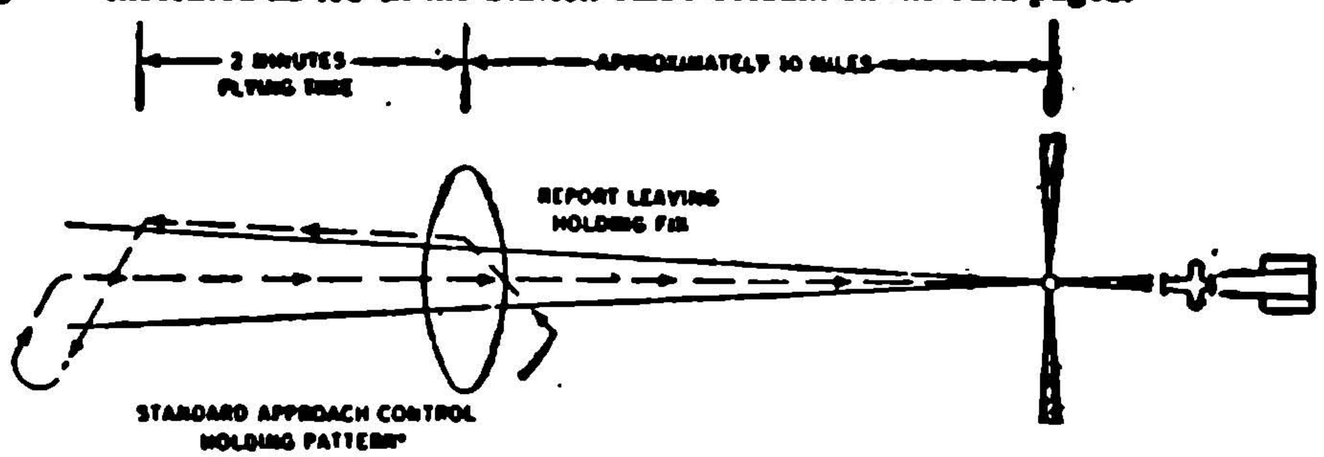


"HOLD ON THE EAST COURSE OF DAWN RANGE BETWEEN THE RANGE STATION AND A POINT 4 MINUTES EAST"

APPROACH CONTROL PROCEDURES

Approach control is a service whereby Civil Aeronautics Administration airport traffic control towers issue control instructions in instrument weather conditions, by communicating directly with pilots over the voice feature of a radio range, or over a very-high frequency channel of the control tower. Ordinarily, aircraft will be cleared by the airway traffic control center to the holding fix, (fan marker or other radio fix) with appropriate holding instructions. Instructions to hold "UNTIL FURTHER ADVISED BY (Name of) APPROACH CONTROL ON (Blank) KILOCYCLES" are included by the arwy traffic control center so that the pilot will know on which frequency he will receive further instructions from the tower. When he arrives over the holding point, the pilot initiates a call to "(Name of) APPROACH CONTROL" and advises time and altitude over the holding point, listening on the frequency specified in the ATC clearance for further instructions. Radio contacts required thereafter: (a) when vacating any previously assigned flight level for a newly assigned level; (b) when leaving holding point. Each pilot in an approach sequence will be given advance notice as to the time he should leave the holding marker on approach to the airport. When the time of leaving the holding point has been received, the pilot should shorten the standard holding path remaining in the immediate vicinity of the marker so as to leave the marker as closely as possible to the designated time. Pilots should maintain communication by listening to approach control frequency until cleared to the tower's local control frequency (278 kc. or equivalent). Departing aircraft will receive initial instructions on the tower's local control frequency. Approach Control is established at locations indicated as AC in the station class column on the data pages.





*NOTE: STANDARD 2 MINUTE HOLDING PATTERN FOLLOWED BY ALL AIRCRAFT HOLDING UNTIL INSTRUCTIONS ARE RECEIVED GIVING TIME OF DEPARTURE FROM HOLDING POINT. THEN PILOT SHORTENS HOLDING PATH, REMAINING IN IMMEDIATE VICINITY OF HOLDING POINT SO AS TO LEAVE MARKER EXACTLY AT SPECIFIED TIME.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) • Station guards 3105, 4495, 6210 kcs.
(4) • Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 a.m. to midnight) on a 24-hour clock basis
→ - New or revised data *

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited.
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City, County, Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50, less than 150 watts
MRL.....Range (loop radiators), power more than 50, less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker, site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators) power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TK.....Principal teletype
V.....Voice communication with aircraft
VAR.....Visual-aural VHF range
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	D-DOG —••	G-GEORGE ——•	J-JIG •———	M-MIKE ——	P-PETER •——•	S-SUGAR •••	V-VICTOR •••—	Y-YOKE —•——
B-BAKER —•••	E-EASY •	H-HOW ••••	K-KING —•—	N-NAN —•	Q-QUEEN ——•—	T-TARE —	W-WILLIAM •——	Z-ZEBRA ——••
C-CHARLIE —•—•	F-FOX ••—•	I-ITEM ••	L-LOVE •—••	O-OBOE ———	R-ROGER •—•	U-UNCLE ••—	X-XRAY —••—	

1 •———— 2 ••——— 3 •••—— 4 ••••— 5 ••••• 6 —•••• 7 ——••• 8 ———•• 9 ————• 0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered nondirectional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency and, generally, V.H.F. of 116.1 mcs.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

AUTOMATIC RANGE MONITORING SYSTEM

The automatic range monitoring system will automatically notify all pilots using a range on which it is installed, whenever an abnormal condition exists on the final approach course, the only course monitored at the present time.

The notification, or warning signal, will consist of the slow transmission of one group of three "U"s (. . - . . - . . -), between two station identification transmissions. This warning signal will be transmitted: (a) whenever a course displacement of 3° or more exists; (b) whenever a sudden and large loss of signal strength occurs; (c) or whenever an apparent on-course signal (loss of N-A keying, producing a monotone which sounds like an on-course signal) exists throughout all quadrants.

Loss of signal strength is obvious, and loss of N-A keying is easily ascertainable by the pilot whenever the three "U"s identify an abnormal condition. The flier should suspect course displacement upon hearing the warning signal, if there has been no drop in range signal strength and the interlocked N and A on-course signal is well defined. On the other hand, the loss of N-A keying is indicated by warning transmission once only, when normal identifications are also missing.

In the case of range course displacement, the greater the course displacement, the earlier in the period between station identification transmission will the "UUU" signal be heard. An occasional warning signal transmission not repeated in every cycle, followed by the normal identification, may be disregarded since it may be occasioned simply by momentary power fluctuations.

* UNDER THE HEAVY BLACK LINE FOUND IN THE THE RADIO SECTION OF THE DATA PAGES ARE LISTED, OUT OF ALPHABETICAL ALIGNMENT. ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

INSTRUMENT LANDING SYSTEMS

An Instrument Landing System comprises a localizer (possibly a glide path), and a boundary, middle and outer marker. Infrequently, the middle or boundary marker is not commissioned at present and future installations will have no boundary markers. The entire system of transmitters (localizer, glide path, and markers) operate on V.H.F. All markers operate on 75 mcs.

Compass locator stations, on the other hand, operate on the low frequency 200-415 kilocycle band. Compass locator data will be found under marker data on the second line of those stations having such facilities. These are, with rare exceptions, located at the same sites as the V.H.F. markers, and have single letter identifications.

The localizer course of the Instrument Landing System divides the blue sector (150 cycles), which is to the right of the course in respect to the landing aircraft on final approach, from the yellow sector (90 cycles), which is left.

(L5) or (L6) in the Location Column under Instrument Landing Systems indicates hi-intensity runway contact lights (L5) or hi-intensity instrument approach lights (L6).

VHF RADIO RANGES

Simultaneous Visual-Aural VHF Radio Ranges have two visual and two aural courses with simultaneous voice transmission on the range frequency. A range of this type operates in the band 112 to 118 mcs. (Certain stations have been temporarily assigned the following frequencies: 108.3 mc, 108.7 mc, 109.1 mc.). Modulation frequencies of 90 cps and 150 cps are used to produce the visual courses. The sector in which the 90 cps modulation predominates is to be known as the "Yellow Sector", and that in which the 150 cps modulation predominates is to be known as the "Blue Sector". The aural courses are produced through the use of "N" & "A" signals with modulation frequency of 1020 cps.

V.H.F. RADIO RANGE ORIENTATION: The assignment of the blue and yellow sectors and the "A" and "N" sectors of C.A.A. VHF radio ranges is accomplished in accordance with the following rules:

(a) On Green and Red Airways, the blue sector lies north of the visual course, the yellow south; the "N" sector lies to the east of the aural course; the "A" west.

(b) On Amber and Blue Airways, the blue sector lies west of the visual course, the yellow east; the "N" sector lies to the north of the aural course, the "A" south.

(c) The visual courses are projected along the airway, the aural courses across the airway.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS

All continuously operated C.A.A. Radio Range and Radio Beacon Stations having voice facilities on the Range or Radio Beacon Frequencies broadcast weather reports at 15 and 45 minutes past each hour.

At each station the material broadcast consists of the local weather report and the latest available surface weather reports from surrounding locations. Reports more than one hour old are not broadcast. In addition, the local winds aloft report is broadcast four times daily at 6:15 and 12:15 A.M. and P.M. At selected stations the Weather Bureau provides a local terminal forecast covering the next two hours, and this forecast is broadcast, when available, immediately following the local weather report.

FILING OF "OVER" REPORTS

Pilots should make every effort to file "over" reports when passing over those points designated as "Radio Fixes" on the Radio Facilities Charts. Refer to Chart Legend.

Pilots of aircraft operating on contact flight rule flight plans who desire to make flight progress reports shall include in the report the phrase "CFR" flight plan from _____ to _____.

Pilots of aircraft operating on instrument flight rule flight plans and who are required, therefore, to make flight progress reports, shall include in the report the phrase "Instrument flight plan". NOTE: The word "instrument", rather than the abbreviation "IFR" is used to avoid confusion between the abbreviations "CFR" and "IFR" under difficult radio reception conditions.

RADIOTELEGRAPH CALLING PROCEDURE

Radiotelegraph (A2 emission), in addition to radiotelephone (A3 emission), may be used to call Civil Aeronautics Administration airway communications stations. Radiotelegraph (A1 emission) may be used, but its use will require a prearranged schedule since receivers at the stations are set for A2 or A3 emission only. The Civil Aeronautics Administration airway communications station will reply on the radio range voice channel except as otherwise provided. When calling Civil Aeronautics Administration airway communication stations, it is desired that the radio call letters of the station be used. However, the stations will be on the alert for calls consisting of the radio range identification (listed under "Station Identification"), which may be used after two calls by voice have not been answered by the Civil Aeronautics Administration airway communications station or when unusual circumstances prevail or during emergencies. For example: A pilot using the Richmond, Virginia radio range who is unable to contact that station by voice, will radiotelegraph the following, using A2 emission: "RW RW RW K". Upon receipt of such a signal, the aircraft communicator at the Richmond radio range station will acknowledge on the voice channel of the radio range as follows: "UNIDENTIFIED AIRCRAFT CALLING RICHMOND RADIO OVER". The pilot then would resume use of voice for completion of the contact unless conditions require continuance of radiotelegraph. It is important that pilots use this procedure only after two unsuccessful attempts by voice to contact Civil Aeronautics Administration airway communications stations.

RADIOTELEPHONE (CALLING PROCEDURE)

When calling Civil Aeronautics Administration stations (except towers) or Army and Navy radio ranges, utilize the call "RADIO". When calling all airport control towers, be they Army, Navy, C.A.A., or municipal, utilize the call "TOWER". When calling Army Airways, utilize the call "ARMY AIRWAYS". Examples:

(a) "Jacksonville Radio This Is Stinson 1234".....When calling a radio range
(b) "Jacksonville Tower This Is Waco 4567".....When calling a control tower
(c) "Jacksonville Army Airways This Is Army 725".....When calling an Army Airways Communications Station
(d) "Langley Army Radio This Is Army 472".....When calling an Army radio range

COMBINED UNITED STATES-BRITISH RADIOTELEPHONE (R/T PROCEDURE)

This new procedure has previously been adopted by the War and Navy Departments for use by military aircraft and became effective June 1, 1943, for use by Civil Aeronautics Administration airway communications stations and airport traffic control towers and civilian aircraft. Military pilots may secure complete information from Army publication FM 24-9. The major changes in procedure are summarized below for the benefit of civilian pilots not having access to FM 24-9.

1. Use of the words "THIS IS" instead of the word "FROM".
2. Use of the word "OVER", instead of the words "GO AHEAD", to indicate, "MY TRANSMISSION IS ENDED AND I EXPECT A RESPONSE FROM YOU".
3. Use of the word "OUT" when conversation is ended and no response is expected.
4. Use of the phrase "SAY AGAIN", instead of the word "REPEAT" when requesting a repetition.
5. Use of the phrase "I SAY AGAIN", instead of the phrase "I WILL REPEAT", when a repetition is being given.

EXAMPLES:

WACO ONE EIGHT ONE FOUR THREE. THIS IS CLEVELAND RADIO OR CLEVELAND TOWER MESSAGE FOR YOU (Optional) OVER.

CLEVELAND RADIO or CLEVELAND TOWER, THIS IS WACO ONE FOUR THREE SEND YOUR MESSAGE (Optional) OVER.

WACO ONE EIGHT ONE FOUR THREE. THIS IS CLEVELAND RADIO or CLEVELAND TOWER (Message) OVER.

CLEVELAND RADIO or CLEVELAND TOWER, THIS IS WACO ONE EIGHT ONE FOUR THREE ROGER OUT.

Pertinent parts of all current publications, including Manual 60, are superseded insofar as communications procedures are concerned by the new procedure indicated above effective October 1945.

AIRPORT DATA
LEGEND

NAME

(Where city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in part by Navy
☆ CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N), or (CG) follows the airport name.

SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl.").

CLASS

N.B Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

LIGHTS

L Incomplete lighting, either flood or portable runy lights.
L1 Beacon only.
L2 Beacon and boundary.
L3. Beacon, boundary, and obstruction.
L4: Beacon, boundary, obstruction, and flood.
L5: Beacon, boundary, obstruction, flood, and runway contact
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach.
(L5): High intensity runway contact lights
(L6): High intensity instrument approach lights

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

S1: Fuel.
S2: Fuel, storage.
S3: Fuel, storage, minor aircraft repairs.
S4: Fuel, storage, minor aircraft, and minor engine repairs.
S5: Fuel, storage, major aircraft, and minor engine repairs.
S6: Fuel, storage, major aircraft, and major engine repairs.

N B Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there.
Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class columns should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

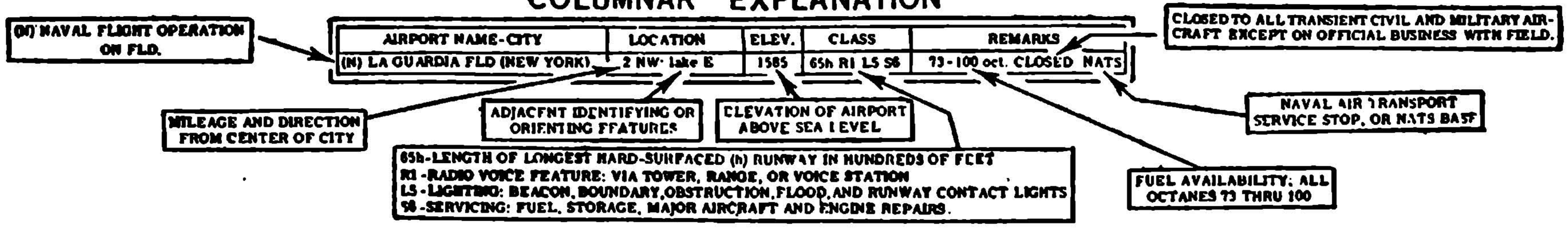
RADIO

R1 Voice availability via tower, range (or homing device), or voice station.
R2: Range (or homing device), and tower
R3: Range (or homing device), tower, and instrument landing system.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. ☆
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the United States Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no crossfixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct." indicates octane rating of fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS. (See Special Notice)" indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields are available to military aircraft on official business only under written orders of an airforce, command, or higher authority. (See Special Notice.)
   (e) "ARMY TEMP INACTIVE, CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft; however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	Army Field	LTA	Lighter than Air	(N)	Navy Field	NAS	Naval Air Station
AAB	Army Air Base	MCAS	Marine Corps Air Station	NAAF	Naval Aux. Air Facility	NPG	Naval Proving Ground
AAF	Army Air Field	MCAAF	Marine Corps Aux. Air Facility	NAAS	Naval Aux. Air Station	OLF	Outlying Field (Navy)
CGAS	Coast Guard Air Station	MCGB	Marine Corps Glider Base	NAF	Naval Air Facility		

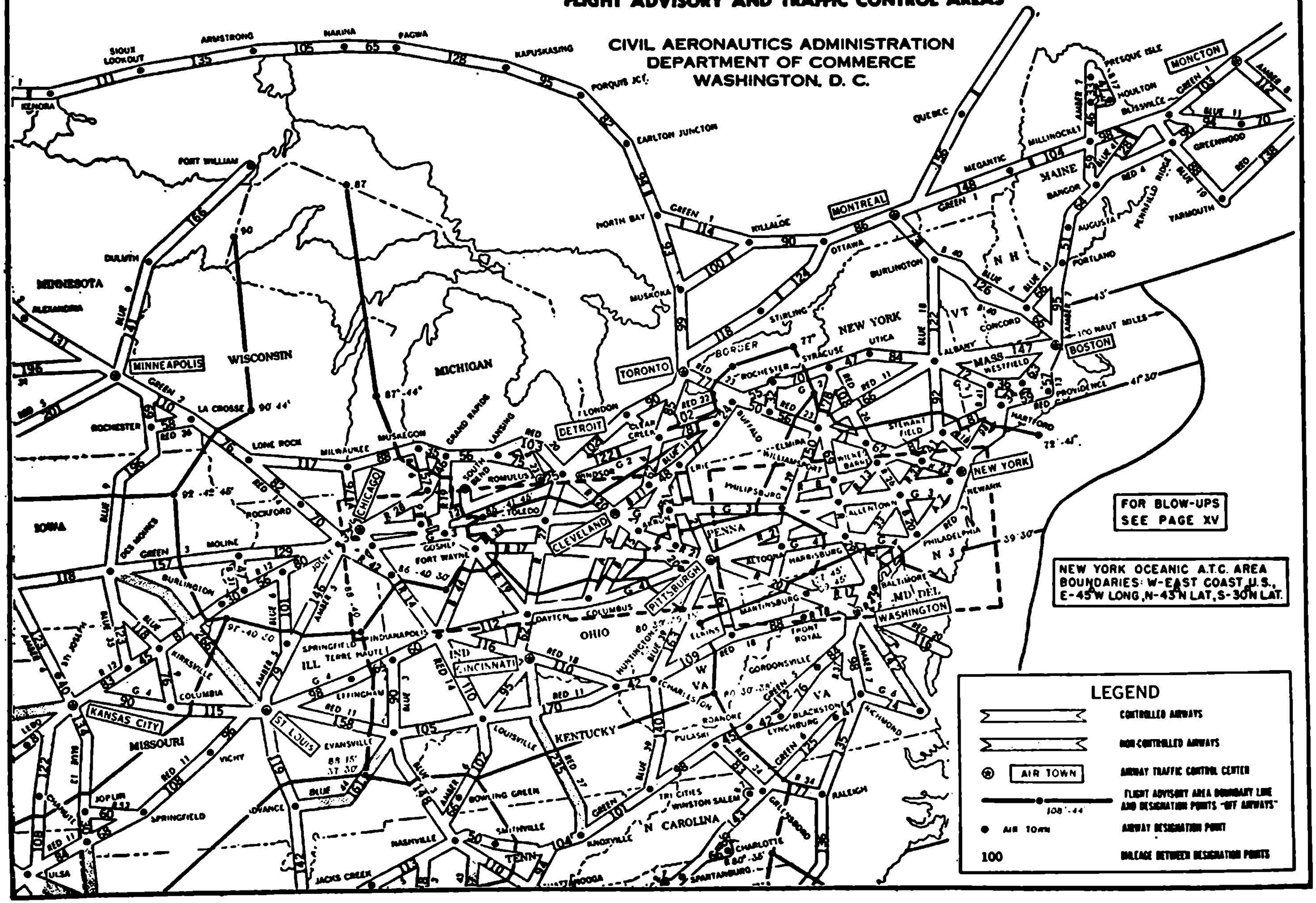
☆ UNDER THE HEAVY BLACK LINE FOUND IN THE AIRPORT SECTION OF THE DATA PAGES ARE LISTED OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP

NORTH EAST QUADRANT

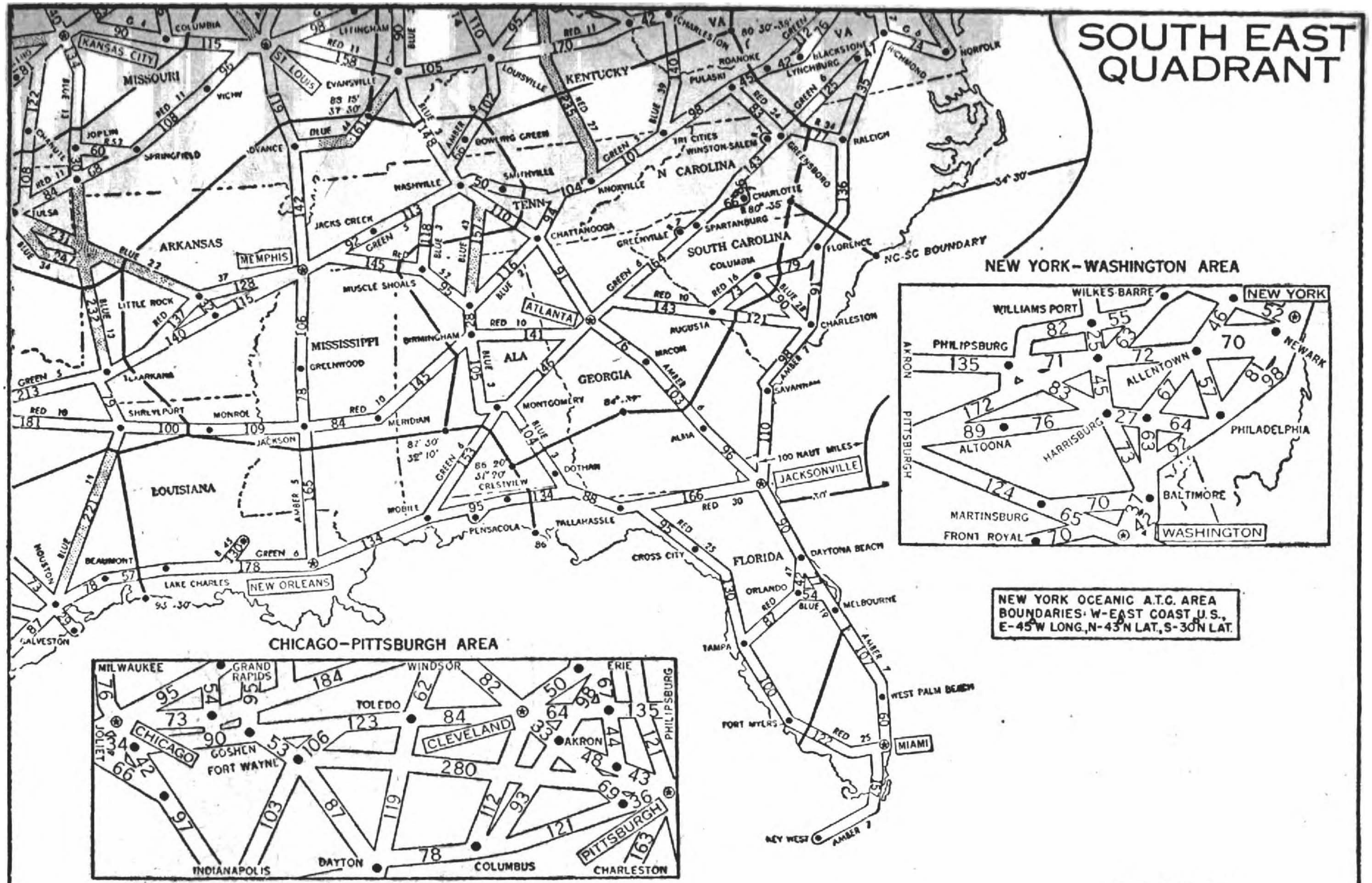
CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



SOUTH EAST QUADRANT



NEW YORK–WASHINGTON AREA

NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES: W-EAST COAST U.S.,
E-45°W LONG., N-43°N LAT., S-30°N LAT.

CHICAGO–PITTSBURGH AREA

ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

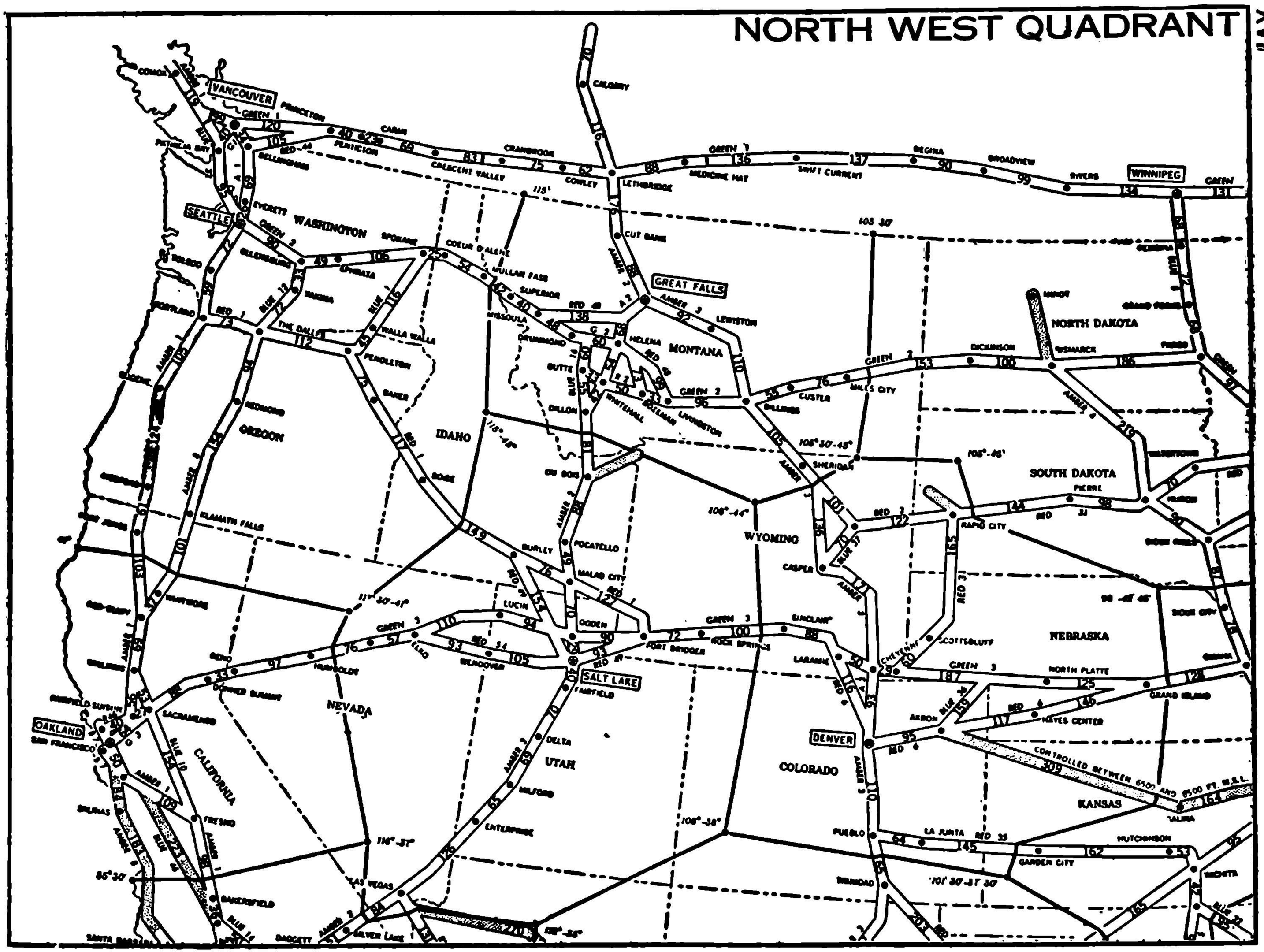
FLIGHT LEVELS

GREEN AND RED CIVIL AIRWAYS
EASTBOUND - ODD THOUSAND FOOT LEVELS
WESTBOUND - EVEN THOUSAND FOOT LEVELS
AMBER AND BLUE CIVIL AIRWAYS
NORTHBOUND - ODD THOUSAND FOOT LEVELS
SOUTHBOUND - EVEN THOUSAND FOOT LEVELS

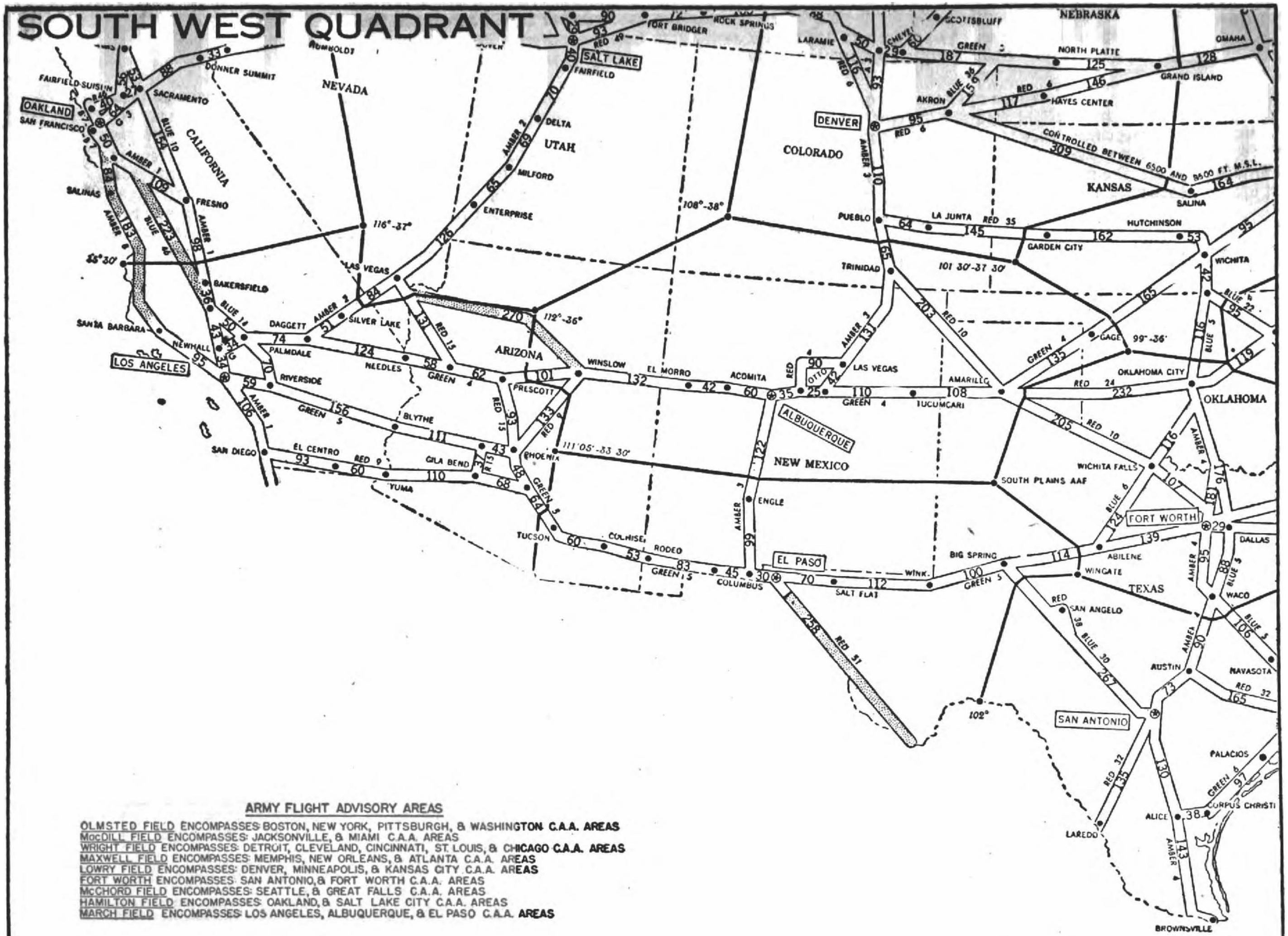
XV

NORTH WEST QUADRANT

XVII



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES: BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
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MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT PLANNING CHARTS

LEGEND

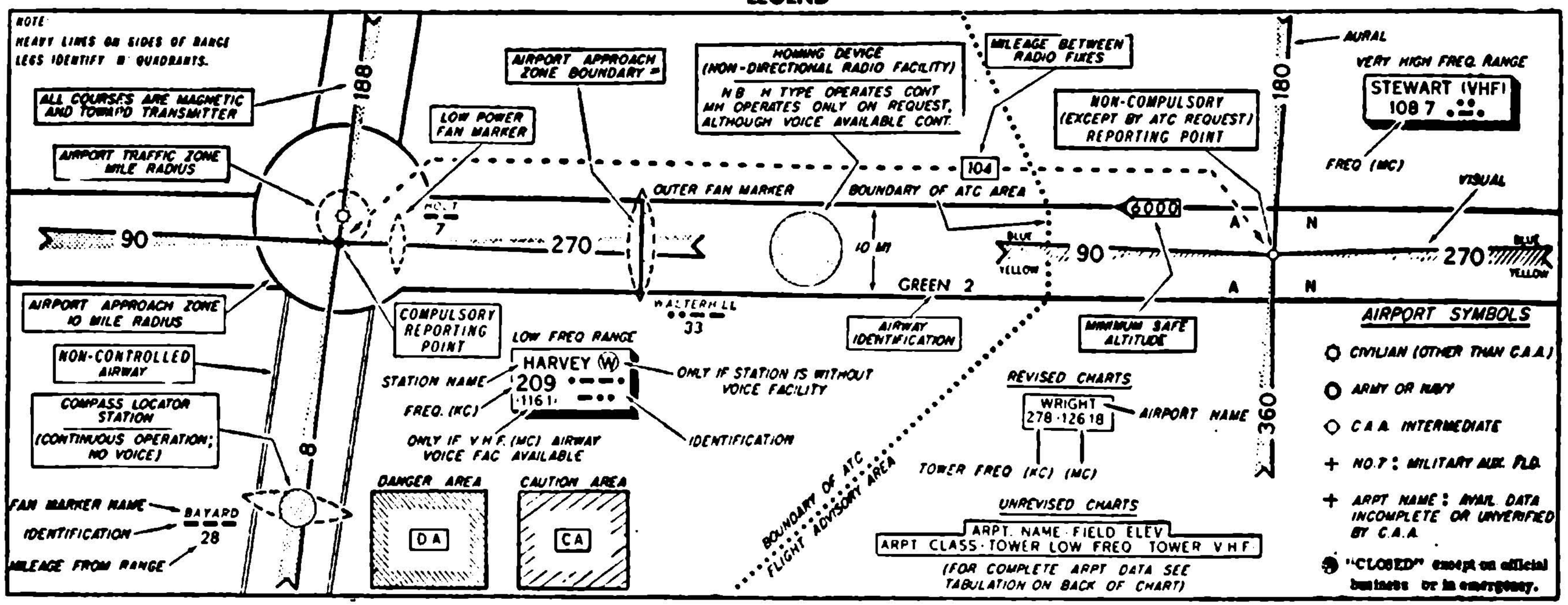


CHART CONTENTS

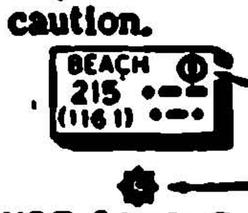
The Flight Planning Charts, in addition to the warning Ⓡ and caution Ⓞ symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE & USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled Ⓡ or Ⓞ items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range frequency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol Ⓡ for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol Ⓞ for orange, or caution.



RADIO FACILITY HAZARDOUS FOR USE (SEE NOTICES TO AIRMEN SECTION)

AIRPORT HAZARDOUS FOR USE (SEE NOTICES TO AIRMEN SECTION)

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°,7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-VDT,150°,4.5	(4);116.1 (H S)
PORTLAND (AAB)	332 (PD) (116.1)	SBRAZ-VDT,171°,3.1	(3);116.1
REDMOND (Roberts)	368 (RG)	SBRAZ-DT 101°,4.3	(4)
THE DALLES	230 (ND)(116.1)	SBRAZ-VDT,251°,2.8	(4);116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105,4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-1630)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BELLINGHAM	209 (I I)(116.1)	SBRAZ-VDT,114°,3.3	(4);116.1
CAMANO ISL, FM (Navy)	(- -)	FM,123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
ELLENSBURG (Bowers)	385 (EB)	SBMRAZ-DT,270°,2	(4)
EVERETT (Paine)	224 (MI)(116.1)	BMRLZ-VDT,330°,3.1	(4);116.1
HOBART FM	(- -)	FM, 88°,15	Seattle (4)
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-VOIX,296°,3.3	(3);116.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int)	239(GL) (116.1)	BMRLZ-VDT;236°,3	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74) (126.18)	CN; 303°, 3.5	(3);142.74,126.18,Tr and gds 116.1,140.58 req (GCA)
WHIDBEY ISL.NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3);3155,142.74 (24 hrs advance notice)
WOODLAND FM	(- - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320(YA) (116.1)	BMRLZ-VDT	(3); 116.1
Yakima Co. Arpt	278 (118.5)	C; 267°, 4.7	(4);118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
EUGENE. ORE.(L6)	109.9	333.8	159° Mag.	IM-	MM- ·-- (.63)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. A-Army A.C.S. transmits on and guards 116.1, 127.65, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	83	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct.Poles W, SW.
* Arlington Int,12B,PD-SM	1.4 ENE; riv NW	672	50 L3	
Bend (new)	5.5 ENE;hwy S	3429	40 S6	80 oct.Pwrline SE.Use strips.
Bend (old) (NC)	7.8 N; hwy E	3350	44	Poleline W, NW.
Clatsop Co.(Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
Corvallis	4.9 SSW; RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80, 91 oct.No sto.
Dallas (new)	1.2 N;RR S	400	23 S1	80 oct. Poles WSW
Dallas (old)(NC)	1.6 E;RR S	300	23	UNUSABLE;Under cultivation.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE; RR E; W	300	25 S1	80 oct
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel.lgt acft only
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W
Lebanon	1.3 SW;RR E	340	21 S4	80 oct.
(A) Madras AAF (A)	2 NNW;RR SE	2420	74h	CLOSED
MAHLON SWEET(Eugene)	8 NW; RR NE	365	52h R3(L6)	No twr.

AIRPORTS — OREGON

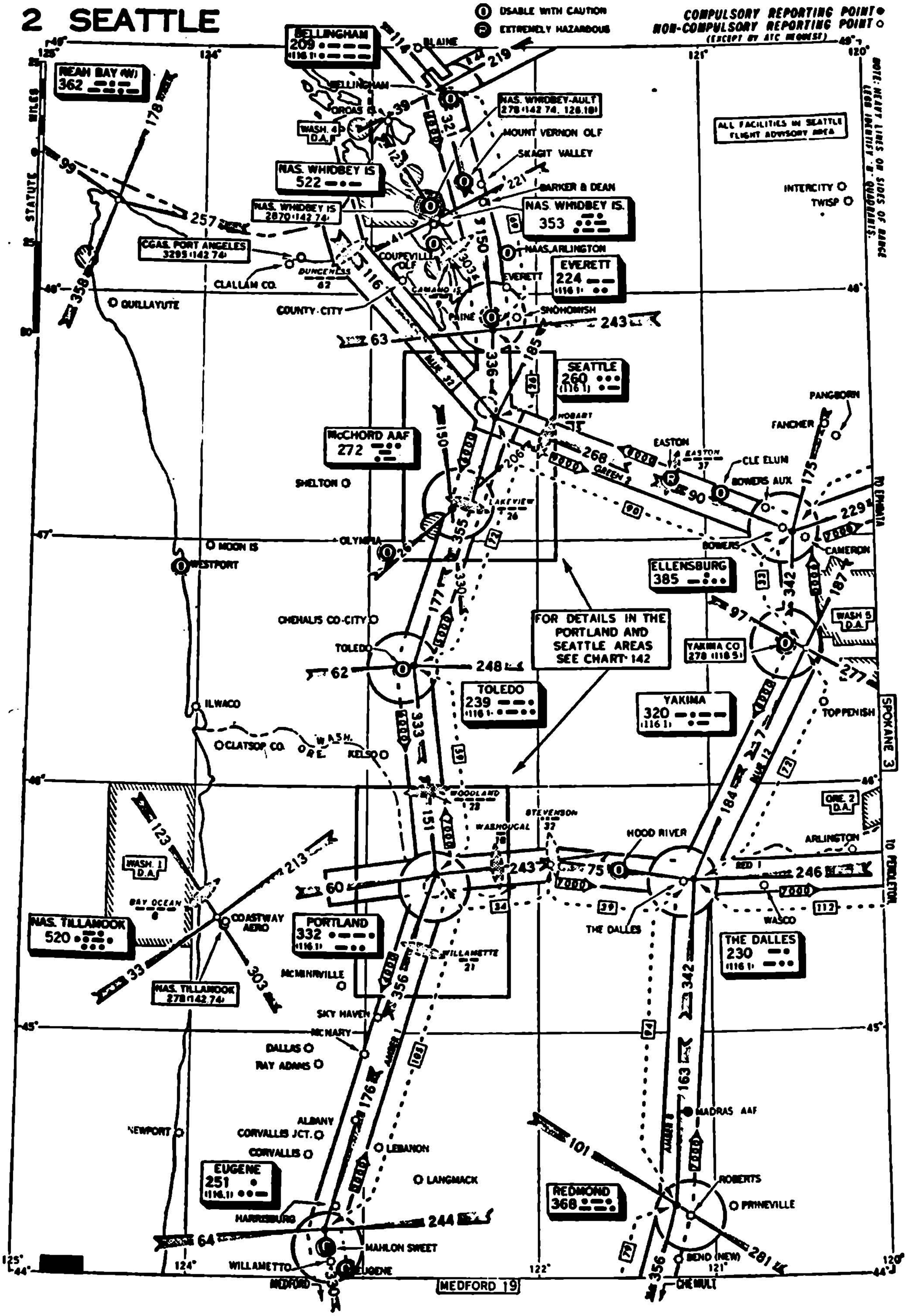
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct,emerg.No sto
(P) Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct,Cattle on fld.
(P) Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 S4	80,91 oct.
Santiam Junction Flgt Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W,E.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N) Tillamook NAS (N)	3 SE; riv N	35	50h R2 L5 S4	91 oct.Used by LTA;HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk(Eugene)	4.8 W	420	25 S1	80 oct.

AIRPORTS — WASHINGTON

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct.No sto.Trees NW.
BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	73 oct. No sto.Fld lgts prior req.ARPT OF ENTRY
Blaine	0.5 E;RR W	15	18 S1	80 oct.
(P) Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct.Ctc lgts prior req.
Bowers Aux.(Ellensburg)	8.6 NNW	2140	30	
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P) Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct.No sto.
Clallam County (Port Angeles)	2.9 WNW;RR NW	290	52h L5 S2	80 oct.No ben.Fld lgts prior req.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW ARPT OF ENTRY.
(N) Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct, 30 hangar W.
(P) Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct,Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E.HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Poleline E,SE,Ditch center
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct. HAZARDOUS
Intercity,USFS (Winthrop	4 SSE;riv SW	1650	32 S1	73,91 oct.Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 R1 L3 S6	80 oct.
Kenmore, (Bothell) (NC)	2.3 NW;rd E	420	17	12-14 brush NNE,SSW.
(P) Moon Island (Aberdeen)	6 W;harb. N,S	14	50h L5 S6	80,91 oct.
(N) Mt.Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N,CLOSED
Olympia	4.5 S;hwy E	190	50h S4	80 oct.Trees W.
Orcas Island (E.Sound)	0.7 N;hwy E	25	12 S1	73,91 oct
Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct,Fld lgts prior req.
PANGBORN(Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten.USFS (Winthrop)(NC)	38 NW;riv E	4250	28	Use in emerg.only. Closed to public
(CG) Port Angeles CGAS(CG)	2 NNE	13	45h R1 L5 S1	91,100 oct.Lgts prior req.
Quillayute	0.7 NNW;8 W Forks	195	50h	
Shelton	2.5 NW;hwy ENE	278	52h	Tower NW.
Skagit Valley Air Svc. (Burlington)	0.7 S;RR E	35	20 S1	80 oct,Stack N.
Snohomish	0.9 SW;RR N	16	33 S6	80 oct,Poles,trees ESE.
Snoqualmie Pass (North Bend)(NC)	3.5 ESE;hwy S	680	19	Trees WNW,ESE.
* Toledo Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80,91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct,Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct
(N) Whidbey Island NAS	3 NW Oak Harbor	17	70h R2 (16)L2	91,100 oct. (N)
(N) YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct.Poleline S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → REV OR REVISED DATA

2 SEATTLE


DISABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC MEANS)
NOTE: HEAVY LINES ON SIDES OF BORDERS INDICATE U.S. BOUNDARIES
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
INTERCITY
TWISP
BELLINGHAM 209
BLAINE
NAS. WHIDBEY-AULT
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
NAS. WHIDBEY IS. 353
NAAS ARLINGTON
EVERETT 224
SNOHOMISH
PAINE
EVERETT
COUPEVILLE OLF
CAMANO IS
NAS. WHIDBEY IS 522
NAS. WHIDBEY IS 2870 (142.74)
OROAS
WASH. 4 D.A.
BREMERTON
PEAH BAY (W) 362
CGAS. PORT ANGELES 3295 (142.74)
CLALLAM CO.
DUNGENESS 67
QUILLAYUTE
COUNTY-CITY
SEATTLE 260
McCHORD AAF 272
SHELTON
LAKEVIEW 26
MOON IS
WESTPORT
OLYMPIA
ELLENSBURG 385
EASTON
EASTON 37
CLE ELUM
BOWERS AUX
BOWERS
PANGBORN
FANCHER
CAMERON
WASH 5 D.A.
YAKIMA CO 278 (116.5)
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 142
CHEHALIS CO-CITY
TOLEDO
TOLEDO 239
YAKIMA 320
TOPPENISH
SPOKANE 3
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
WOODLAND 28
STEVENSON 32
WASHOUGAL 18
HOOD RIVER
ARLINGTON
ORE 2 D.A.
WASH 1 D.A.
BAY OCEAN
COASTWAY AERO
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
PORTLAND 332
WILLAMETTE 21
THE DALLES
THE DALLES 230
WASCO
TO EPHRATA
TO PENDLETON
MCMINNVILLE
SKY HAVEN
MCNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
LANGMACK
EUGENE 251
HARRISBURG
MAHLON SWEET
WILLAMETTE
MEDFORD
MEDFORD 19
REDMOND 368
MADRAS AAF
ROBERTS
PRINEVILLE
BEND (NEW)
CHEMULT
124°
122°
121°
120°
125°
44°
45°
46°
47°

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E EXTREMELY HAZARDOUS U USABLE WITH CAUTION

DOROTHY SCOTT
TONASKET
OKANOGAN NO. 1
OKANOGAN-LEGION
COLVILLE
NEWPORT
SANDPOINT
LIBBY
EUREKA
WASH
IDAHO
MONT.
STATE LINE
HAFER'S
DEER PARK
SPOKANE 365
COEUR D'ALENE 347
ANDERSON
CHELAN
EPHRATA 269
DAVENPORT
CALKINS AIR TERMINAL
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
SPOKANE AAF 248 (126.1)
FELTS 279 (118.9)
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
WEEKS
LEMEN
KELLOGG
ROSALIA
ST MARIES
HARRINGTON
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206
LIND
LA CROSSE
WASHTUCNA
CONNELL
PULLMAN-MOSCOW REGIONAL
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
RICHLAND
PASCO
PROSSER
VISTA
MARTIN
KAMIAH
TWIN CITY
WALLA WALLA AAF 396 m 116.1, 126.1 m
SKY RANCH
WASH
ORE.
PENDLETON 270 (116.7)
OREGON SKY RANCH
IDAHO CO.
HERMISTON
BOARDMAN
ALBRAE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (116.)
LA GRANDE
PILOT ROCK
LA GRANDE
ORE
IDAHO
McCALL
BAKER 221 (116.1)
JOHN DAY
BAKER
CASCADE
WEISER
PAYETTE
ONTARIO
BOISE 350
SEATTLE
SALT LAKE CITY
GREAT FALLS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
IDAHO			
COEUR D'ALENE (Air Term.)	347 (CO)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206 (MN)	BMRLZ-DT	(4)
OREGON			
BAKER	221(BK)(116.1)	SBRAZ-VDT;116°,2.1	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
PENDLETON	341 (PO)(116.1)	SBRAZ-VDT	(3):116.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4);131.9,126.18,118.7
WASHINGTON			
EPHRATA	269 (EP)	BMRLZ-DT;336°,3.9	(4)
FELTS (Spokane)	278 (118.5)	C	(4);118.5,126.18,122.6
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365 (SM)	SBRAZ-DT;332°,1	(3)
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-VDT	(4):116.1
Walla Walla AAF	396(126.18,116.1)	CA :182°, 4	(4):126.18.116.1 (7-24)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
IDAHO				
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
➤ Weiser	2.8 S,RR NE	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	20	
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted) ➤ NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
OREGON				
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
➤ Hug's (Elgin) (NC)	0.8 N;RR E			ABANDONED
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
➤ La Grande	5.5 ESE,RR SW	2713	47h L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
➤ PENDLETON	3 WNW,hwy S	1492	63h R2 L5 S4	80,91 oct.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
WASHINGTON				
➤ Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
➤ Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2354	82h	TMP INACT. NO FACS(See Spl Not.)
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
★ Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS(See Spl Not.)
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)(NC)	0.5 NE;RR S	1400	19	Trees,pole line WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2	CLOSED
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

GREAT FALLS

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)
MONTANA			
ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-VDT,310°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)	SBMRAZ-DT,185°,1.4	(4)
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun,Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.9	(4);126.18,131.9,118./
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371 (HL)	SBMRAZ-DT,252°,1.9	(4)
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT,247°,2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308 (MX)(116.1)	SBMRAZ-VDT,120°,1.5	(4); 116.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254 (SP)	BMRLZ-DT,275°,0.1	(4)
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)

1 C-Simul. Range and Voice; V-Without Voice; Z-VHF Range Station Location Marker; (3)-3165, 4495, 6210 kcs; (4)-3165, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 127.85, 149.58 mcs.

AIRPORTS — IDAHO

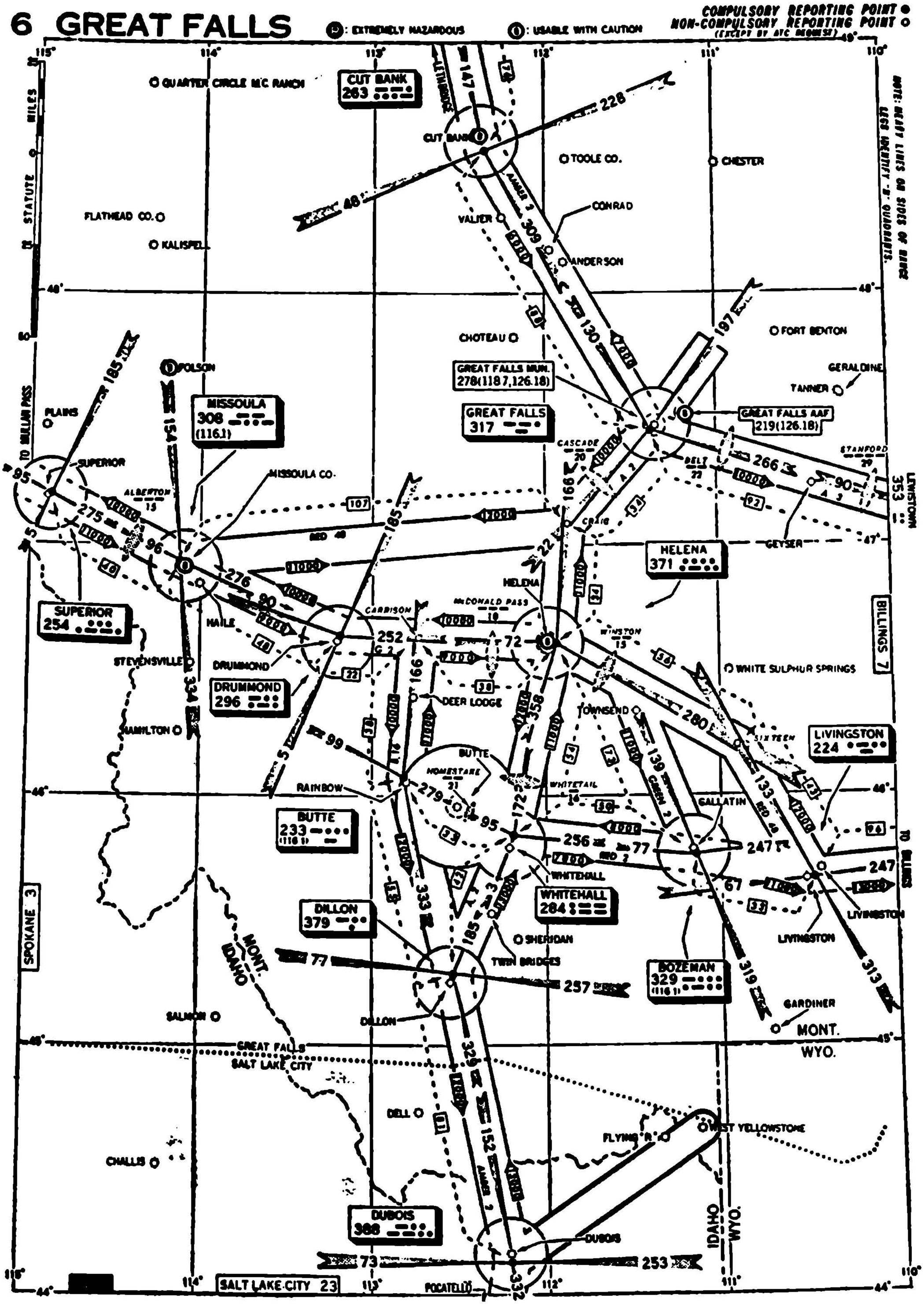
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1,1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1,2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois ,23,SL-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2,8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26,5 NNE	2200	23	Mtns sur fld, (NC)
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.
[redacted]				
Anderson (Conrad)	4,8 SE;RR W	3730	16	PRIVATE.
Basin Creek (Flathead Nat'l Forest)(NC)	56 NE Missoula	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	57 NE Missoula	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	58 SE Kalispell	4200	22	Closed to public
Bob Gordon (Cascade)	0,9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 NW;RR S	3150	44	
(P) Choteau	1,2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	48 NNE Missoula	3690	25	
Conrad	1,1 W; creek S	3530	32 S1	80 oct.
CUT BANK	3 SW;riv 1 E	3899	87h R1L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1,5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1,3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4,6 ENE;riv 2 W	5238	38 R1L3 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII) (NC)-Not charted. → NEW OR REVISED DATA

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int,44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7,4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1,3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8,5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0,5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
GREAT FALLS	3,5 WSW;RR E	3664	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4,5 E;RR N	3459	89h R1 L5 S6	73,91,100 oct.IP-1.Foreign clearing station.
Hale (Missoula)	2,3 SSW;hwy NW	3200	38 L4 S6	73 oct.All lgts prior req.
Hamilton	1,3 ENE;hwy W	3640	24 S6	80 oct.Pole line S.
(P) HELENA	2,5 ENE;hwy W	3894	55h R1 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	58 NE Missoula	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2,2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S1	80 oct.
★ " Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3	Poles S.
Meadow Creek (Flathead Nat'l Forest)	48 SE Kalispell	4000	22	(NC)
(P) MISSOULA COUNTY	5,3 WNW;RR N	3199	71h R1 L5 S2	73,91 oct.
Plains	1,3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1,5 W;riv E	2900	23 S4	80 oct.No sto.
→ Quarter Circle,M.C. Ranch (Polebridge)	4,2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0,7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	50 ESE Kalispell	4855	24	Sur by mtns.
Seeley Lake (NC)	1,5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1,5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	39 SE Kalispell	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S2	73 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0,5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE
★ Townsend Int,3,HL-Twin Cities	2,2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1,3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1,5 SE;RR SW	4725	38	
(P) Valier	0,6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1,3 W;RR S	6700	63 S2	91 oct. Trees sur fld.
★ Whitehall Int,36A,SL-GT	6,7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner	1 NNW;RR S	6200	22	

6 GREAT FALLS



BILLINGS 7

E: EXTREMELY HAZARDOUS C: USABLE WITH CAUTION

STATUTE MILES 0 25 50

GREAT FALLS 6

BISMARCK 10

TO DICKINSON

CHINOOK

HAVRE CITY-CO.

HARLEM

MALTA AIRPK.

ETCHART

VALLEY CO.

SCOBEY

GUSTAFSON-ANDERSON

WOLF POINT

FORT PECK

VINE

CIRCLE

JORDAN

DENTON

LEWISTOWN

FOREST GROVE

LEWISTOWN 353 (116.1)

HARLOWTON

LAVINA

BILLINGS 400 (116.1)

CUSTER (W) 215 (116.1)

CUSTER

FORSYTH

MILES CITY 320 (116.1)

MILES CITY

MILDRED

RAPELJE

BILLINGS 278 (116.7)

BIG TIMBER

COLUMBUS

PARK CITY 21

ZELMA

ST. XAVIER

MONT. WYO.

POWELL

COWLEY-LOVELL-BYRON

SHERIDAN CO.

SHERIDAN 2

SHERIDAN 239 (116.1)

DENVER

MINNEAPOLIS GREAT FALLS

CODY

GREYBULL

BASIN

BUFFALO

GILLETTE MUN.

GILLETTE ARPK.

GREAT FALLS SALT LAKE CITY

ROCK SPRINGS 26

CASPER 269

TO HIGHLIGHT

MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-VDTX	(3);116.1
Billings Airport	278 (118.7)	C(ILS);247°,1.5	(4);118.7,126.18,131.9
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-VDT,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-VDT,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.8	(4);116.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Billings, Mont.	110.3	335	253° Mag.	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

B-Bimnl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P) Bones Bros.Ranch (Birney)(NC)	2 ESE,crk W	3500	29	ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
★ Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40	Road W.
★ Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	
LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.
(P) Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P) Rapelje	1 SE,RR N	4030	38	
Red Lodge (NC)	0.5 WNW	5600	29	ROUGH. Road N.
Roundup (NC)	1.9 N,hwy S	3500	37	Hwy W.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)(NC)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Bryon (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P) Powell	8 NNW	5054	42 S2	73 oct.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
Moore (Mont.)	0.5 E,RR N	4100	20 S2	73 oct.
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER. REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-VDT,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-VDT,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
GOLVA (Int.)			DECOMMISSIONED
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI).	BMRLZ-DT,301°, 3.4	(4)
[redacted]			
PHILIP	206 (IL)	MHT	(4)
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-VDT	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)	335 (SE)	HT	(4)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Baker	0.8 SSE,hwy N	2290	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3 S1	80 oct.
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct.Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct.Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct.Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct.No bcn.Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct.Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	73 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 R1 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct.Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct,Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct.No sto.Poleline N
→ PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3216	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
→ Wynfordner(Lemmon)	1.3 NE,RR S			ABANDONED.
Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → New or revised data.

10 BISMARCK

E: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 5-NAUTICAL MILE INCREMENTS.

105° 104° 103° 102° 101° 100°

49° 48° 47° 46° 45°

N STATUTE MILES

PLENTYWOOD
CRESBY
PORTAL
MOHALL
RUGBY
TOWNER
WRIGHT
CHANDLER
WILLISTON
PARSHALL
MILLER
SIDNEY
WATFORD CITY
121
211
301
31
FARGO 11
MINOT 209
POINT O'MINOT
167
ILO
WASHBURN
DICKINSON 308 (116.1)
BISMARCK 230 (116.1)
158
GLENDIVE
GLEN ULLIN
JUDSON
BINSCOLL
BEACH
GOLVA
WORTH
256
80
253
MILES CITY 320
169
GREEN 2
238
153
GOLVA
NEW ENGLAND
DICKINSON
BISMARCK
BAKER
WYMAN
347
333
219
REGENT
BOWMAN
HETTINGER
N.D.
S.D.
MONT.
BILLINGS 7
MOBRIDGE
MINNEAPOLIS
DENVER
MONT.
WYO.
BLACK HILLS
NEWELL
SPEARFISH 335
GERMANIA
HALLEY
RAPID CITY 221 (116.1)
RAPID CITY AAB 396 (126.1)
GUSHMORE
PIERRE 347 (116.1)
144
69
246
PHILIP
PHILIP 206
On request
PIERRE
349
CHEYENNE 27
HIGHLIGHT
65
132
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FARGO 11

● COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(ESCAPE BY ATC REQUEST)

(R): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

ROLLA
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MAYBERRY
JAMESTOWN
DAWSON
BISMARCK
LANGDON
PEMBINA
GRAND FORKS
CROOKSTON
THIEF RIVER FALLS
PARK RAPIDS
DETROIT LAKES
VALLEY CITY
WEST FARGO
WHEATLAND
LEHR
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WADENA
BARNESVILLE
ASHLEY
EUREKA
ABERDEEN
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
MORRIS
BENSON
APPLETON
WILLMAR
ALEXANDRIA
REDWOOD FALLS
MARSHALL
WESTBROOK
WATERTOWN
HOFER-KANNEGIETER
CARTHAGE
BROOKINGS
MADISON
MONTEVIDEO
SIOUX FALLS
REDFIELD
MILLER
W. W. HOWES
OMAHA 30

PEMBINA 260
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
HURON 353 (116.1)
ASHLEY 208
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

N.D.
S.D.
MINN
STATUTE MILES
MINNEAPOLIS 14

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-VDT,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-VDT,357°,3.5	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	
FARGO	365(FO)(116.1)	SBRAZ-VDT	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4); 126.18, 118.7, 131.9
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-VDT,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-VDT,256°,2.9	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.
Appleton	1.9 NNE,riv S	1010	34 S2	80 oct. Poleline S,SE,SW
Benson	2.4 NW	1031	22	Poleline NW.
Crookston	3 NNW,RR N	875	30 S2	80 oct. Obst sur fld.
Detroit Lakes	2.7 W,RR N	1392	35 S2	80 oct. Rnwy data unver.
Fergus Falls	4.3 W,RR N	1160	23 S1	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W,RR NE	1167	35 S4	80 oct.
Montevideo	2.2 NNE,RR W	950	19 S2	80 oct. Poleline W,NW
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct. Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct. P-line E. Rnwys unv
Redwood Falls	1.8 NE,riv NE	1025	25 S2	80 oct. Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S1	80 oct. Poleline S,NW.
Westbrook	1 SE,hwy N	1500	18 S1	80 oct. Poleline W.
Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

AIRPORTS — NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91,100 oct. JP-1
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	73,80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wynd-mere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct. Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct. Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct. Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct. Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	
SOUTH DAKOTA				
(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	73,80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct. Poleline N. Data unver.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
Britton Mun.(S.D.)	2 NNE,RR W	1350	24 S1	73 oct. Poles W.
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct.. Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.

MINNEAPOLIS

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
LAKE CITY			DECOMMISSIONED
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-VDT, 298°,3.5	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (142.74)+	AC	(4); 116.1,126.18,142.74

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; CD-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

Anderson (Cokato)	2.6 ENE,RR S	1020	23 S2	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NWW, RR S	1395	57h S4	80, 91 oct. Rnwy data unverified.
Brainerd	1.3 SSE,hwy W	1210	22 S2	Ltd 73 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1150	52	Tank SE corner (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Polelines sur fld.
Cedar (Minneapolis)	8.5 S, RR W	811	28	
Coleraine	0.8 SSE	1390	25 S1	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
Fleming (South St. Paul)	1.8 S, riv E	822	15h	
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	28 S1	80 oct. Poles SE, SW
Gervais (Tofte)	1.2 NE,hwy S	800	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	80 oct.
Kenyon	0.8 S,RR E	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	20 S1	80 oct.Poleline SSW. Rolling.
Litchfield	1.2 NE,RR S	1140	24 S1	Ltd 80 oct. Trees W.
Littlefork	1.8 WNW,riv E	1153	19 S1	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	30 S1	80 oct. Poleline E.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	16 S1	80 oct.Poles S,SE; trees SW.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	17 S6	80 oct. Obsts N, S.

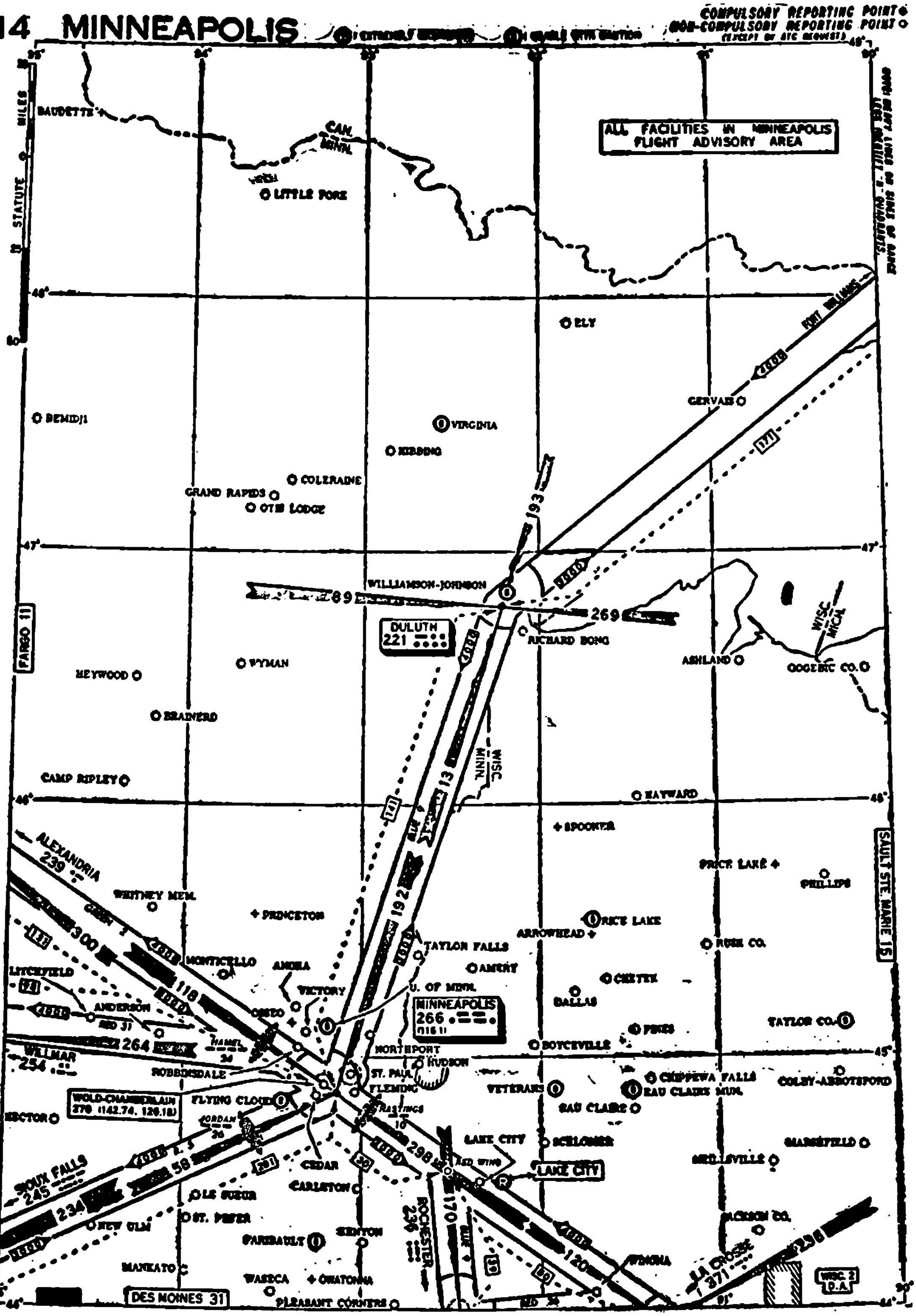
MINNESOTA

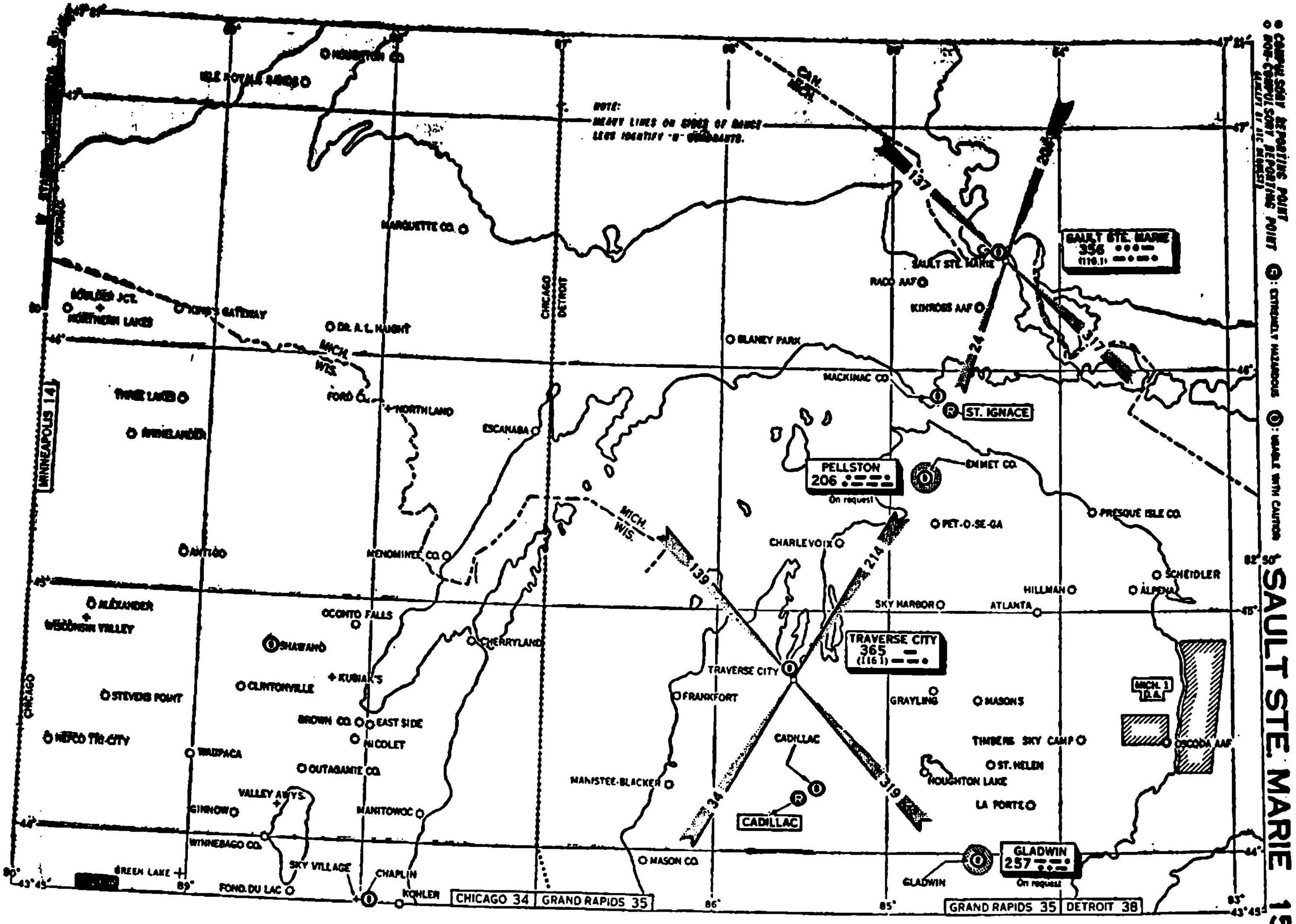
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S2	73 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 L1 S6	80,91 oct. ARPT OF ENTRY.
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R2 L4 S6	87-100 oct. JP-1. Rdo rec required.
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W.

WISCONSIN

Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
Phillips	1.2 N,riv S	1140	30 S2	80,91 oct.Pole line W, S.
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80 oct. Data not verified.
Rice Lake	3.5 NNE,RR W	1150	26 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	
Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.

14 MINNEAPOLIS




NOTE:
HEAVY LINES ON EDGE OF MAP
LEGS IDENTIFY "R" QUADRANTS.
ISLE ROYALE RADIO
HOUGHTON CO
MARQUETTE CO.
CHICAGO
DETROIT
MINNEAPOLIS 14
HOULTON JCT.
NORTHERN LAKES
KING'S GATEWAY
DR. A. L. NAUGHT
MICH.
WIS.
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
MACKINAC CO.
BLANEY PARK
KINROSS AAF
RACO AAF
SAULT STE. MARIE
356
(116.1)
SAULT STE. MARIE
ST. IGNACE
PELLSTON
206
On request
EMMET CO.
PET-O-SE-GA
PRESQUE ISLE CO.
CHARLEVOIX
SCHEIDLER
HILLMAN
ALPENA
SKY HARBOR
ATLANTA
ANTIGO
MENOMINEE CO.
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
SHAWANO
CHERRYLAND
KUBIAK'S
CLINTONVILLE
STEVENS POINT
NEPCO TRI-CITY
BROWN CO.
EAST SIDE
NICOLET
WAUPACA
OUTAGAMIE CO.
VALLEY AWYS.
GINNOW
WINNEBAGO CO.
SKY VILLAGE
GREEN LAKE
FOND DU LAC
CHAPLIN
KOHLER
MANITOWOC
MASON CO.
MANISTEE-BLACKER
TRAVERSE CITY
365
(116.1)
TRAVERSE CITY
FRANKFORT
CADILLAC
CADILLAC
GRAYLING
MASONS
TIMBERS SKY CAMP
ST. HELEN
HOUGHTON LAKE
LA PORTE
MICH. 1 D.A.
OSCODA AAF
GLADWIN
257
On request
GLADWIN
CHICAGO 34 | GRAND RAPIDS 35
GRAND RAPIDS 35 | DETROIT 38
137
204
24
317
139
214
34
319
SAULT STE. MARIE 15

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC			DECOMMISSIONED
GLADWIN	257 (GU)	MRT	(4)
PELLSTON (Emmet County)	208 (PJ)	MRT	(4) (6-22)
ST. IGNACE (Mackinac Co.)			DECOMMISSIONED
SAULT STE. MARIE	358 (VC)(116.1)	SBMRAZ-VDT,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-VDT,319°,2.2	(4), 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising) (NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
→ (P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	0.3 ENE,lake E	1390	34 S4	80 oct. Trees, bldgs W.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	75,80 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S1	80 oct. Poles NW.
Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Lid 73 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.3 WNW,lake NNE	1150	27 S2	73,80 oct.Radio twr W,N, lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kincross (A)	2.5 SE	780	55h	TMP INACT NO FACS(See Spl
La Porte (West Branch)	6 SE,RR W	890	28	Pole line NW; trees NE, SW Not.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
← Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	36 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	615	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1561	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

A-land surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). →NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,hwy E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS(See Spl Not.)
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
→ Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS(See Spl Not.)
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	708	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	930	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L3 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct.Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct.Pole line W,S.
(P) Clintonville	1 ESE.RR SW	828	34 S6	91,80 oct.No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' bl-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O'Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22	Pole line NE.
(P) Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co. (Appleton)	2.2 ENE,RR S	790	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 S2	80,91 oct.Poles SW.Runy data unver
Sky Village (Plymouth)	1.8 WNW	800	18 S1	80 oct. Data unver.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1644	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct,Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	60h L1 S4	80 oct.No sto,P-line NE,N,W.Runy
Wisconsin Valley Inc. (Wausau)	7 S		34 S2	80 oct.Data unver. data unver
Kubiak's (Pulaski,Wisc)	1.2 E	781	28 S4	Data unver.
(P) Wurtsmith (Grayling,Mich)	13 ESE;riv N	1000	40 S1	91 oct.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-VDT;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-VDT;172°,2.1	(3); 116.1
DOW (Bangor)	278 (126.18)+	AC (ILS)	(4);118.7,131.9,126.18
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)(116.1)	BMRLZ-VDT,195°,3.1	(4); 116.1
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-VDT;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
Presque Isle AAF	278 (126.18) +	AC(ILS);189°,3.4	(4);338,365;116.1,140.1,131.9,
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4) 126.18.
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-VDT	(3); 116.1
Burlington Airport	278	C; 151°,2.8	(4)
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)(116.1)	BMRLZ-VDT;230°,2.8	(4); 116.1
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

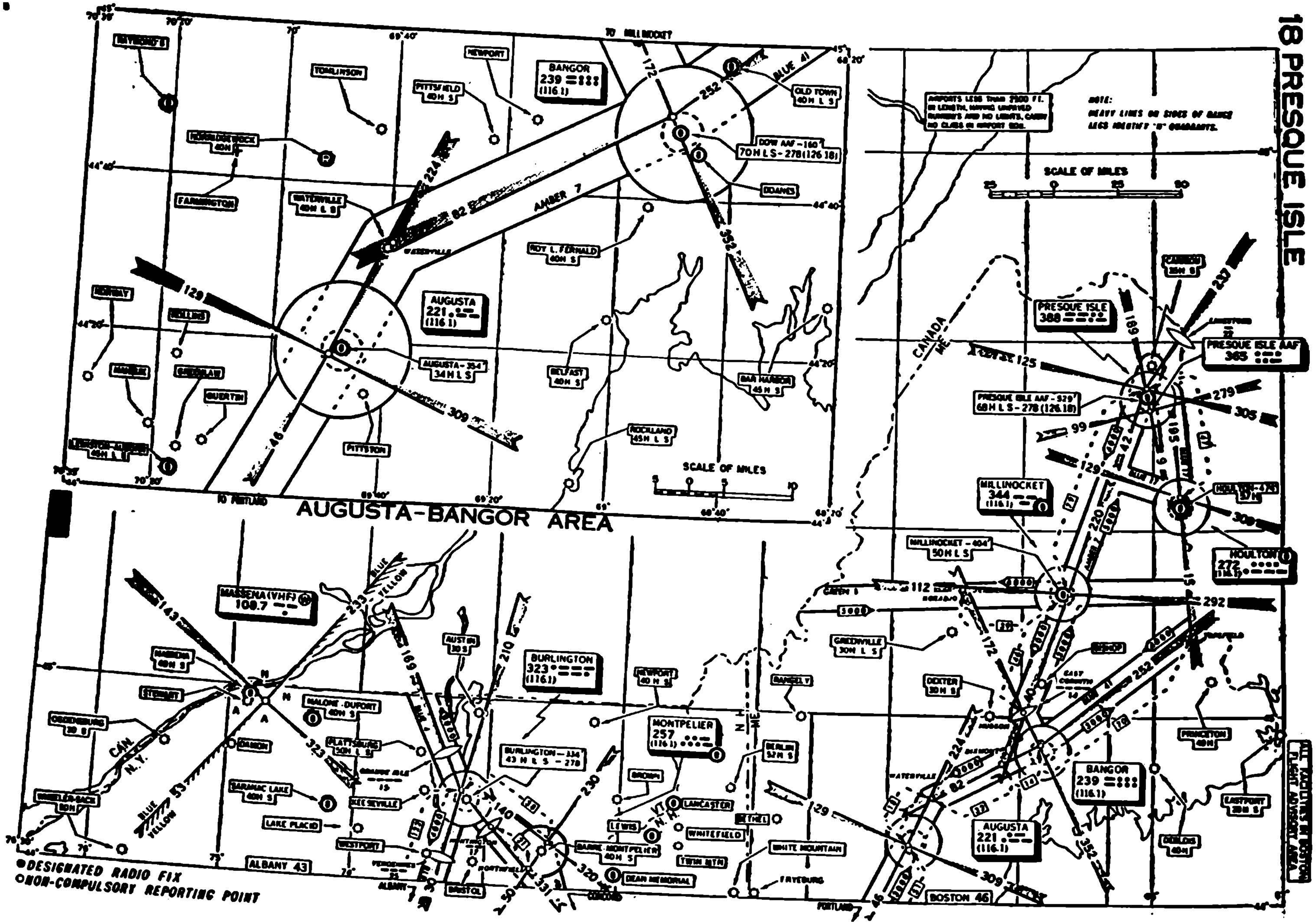
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Dow, Maine (L6)	109.9		150°Mag.	IM- ·····(.06)	MM- ·-·- (.89)	OM- --(4.80)
					MMK-	OMK-
Presque Isle AAF Maine	109.9		10°Mag.	IM- ·····(.05)	MM- ·-·- (1.00)	OM- --(5.00)
					MMK- 201 (1.00)	OMK- 219 (5.00)
				IM-	MM-	OM-
					MMK-	OMK-

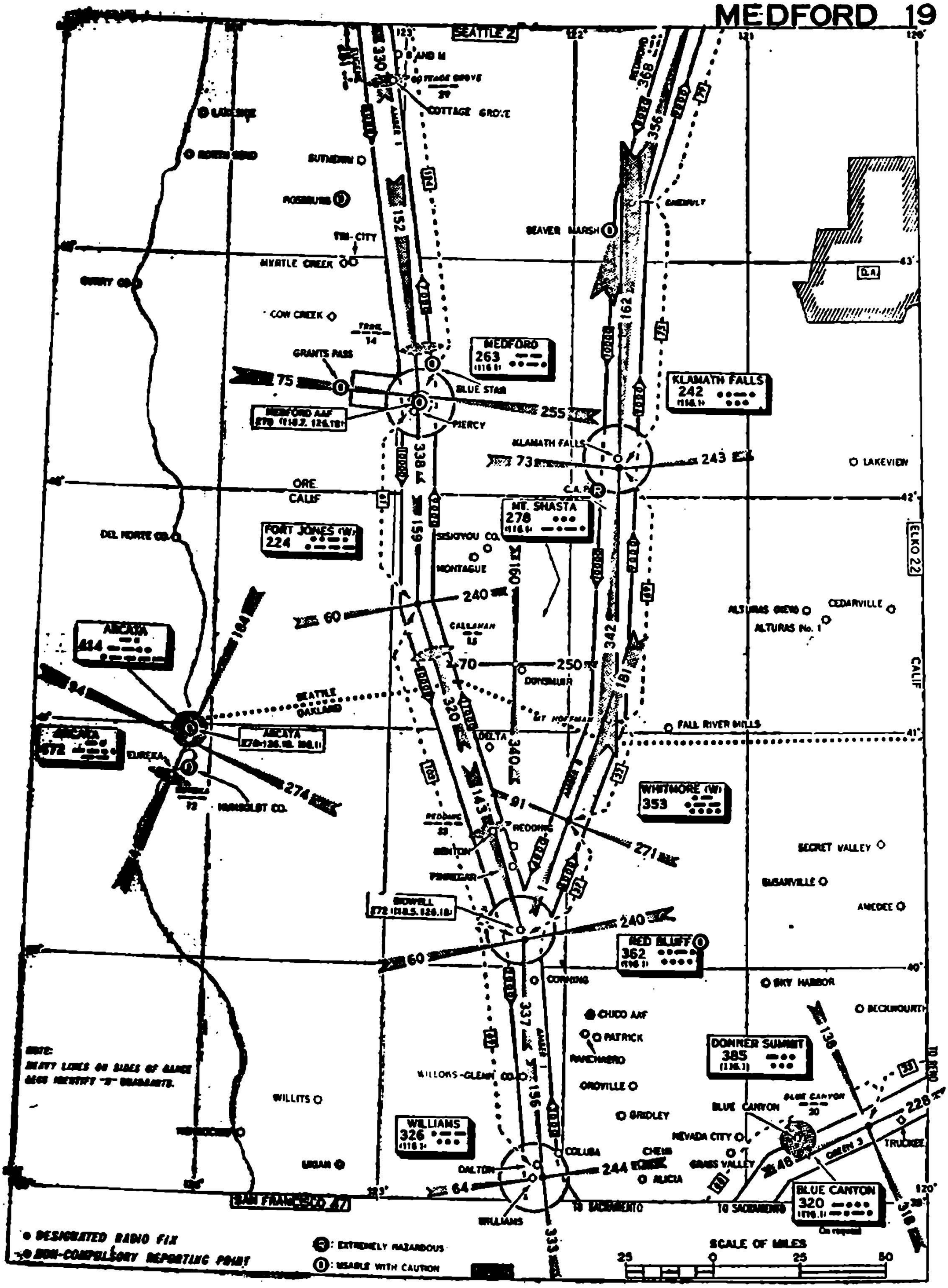
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(A) HOULTON AAF (A)	2.5 E	474	57h R1	CLOSED
LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S6	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	22 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L. Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct. Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	21 S1	80 oct. Trees N,NW. Rnwy data unver
Lancaster Arpk.	0.3 N,riv W		20 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	540	23 S4	80 oct. Trees W, NW.
[redacted]				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
Wheeler-Sack(Great Bend)	1 NNW,riv S	680	50h	
[redacted]				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h R1 L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.


AUGUSTA-BANGOR AREA
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
MILLINOCKET 344 (116.1)
HOULTON 272 (116.1)
MASSENA (VHF) 108.7
BURLINGTON 323 (116.1)
MONTPELIER 257 (116.1)
ALBANY 43
BOSTON 46
SCALE OF MILES
CANADA
ME
N.Y.
VT.
N.H.
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
●DESIGNATED RADIO FIX
○NON-COMPULSORY REPORTING POINT


SEATTLE 2
123°
122°
121
120°
AND M
COTTAGE GROVE
COTTAGE GROVE
LAKESIDE
ROSEBURG
SUTHERLIN
TRI-CITY
MYRTLE CREEK
COW CREEK
TRAIL
GRANTS PASS
MEDFORD
263
BLUE STAR
MEDFORD AAF
PIERCY
BEAVER MARSH
CRESCENT
KLAMATH FALLS
242
KLAMATH FALLS
LAKEVIEW
ORE
CALIF
MT. SHASTA
278
C.A.P.
PORT JONES (NW)
224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
CALLAHAN
ARCATA
414
ARCATA
ARCATA
272
EUREKA
HUMBOLDT CO.
SEATTLE
OAKLAND
DOYLE MUR
ST HOFFMAN
DELTA
FALL RIVER MILLS
WHITMORE (W)
353
REDDING
BENTON
PENELLAR
BOWELL
RED BLUFF
362
CORNING
CHICO ARF
PATRICK
RANCHERO
ORDVILLE
WILLOWS-GLENN CO.
WILLITS
WILLIAMS
326
BRIDLEY
COLUSA
DALTON
WILLIAMS
SAN FRANCISCO 47
10 SACRAMENTO
10 SACRAMENTO
DONNER SUMMIT
385
BLUE CANYON
BLUE CANYON
20
NEVADA CITY
GRASS VALLEY
ALICIA
BLUE CANYON
320
TRUCKEE
SECRET VALLEY
SUSANVILLE
AMEDEE
SKY HARBOR
BECKWOURTH
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
ELKO 22
CALIF
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
ARE IDENTIFY "J" SEGMENTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
25
0
25
50

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS); 4°, 3	(3) 116.1,126.18 (2 17)
Arcata (H fac) (UAL)	414 (NZ)	H; 310°, .15	(4) 2 marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)	272 (116.5,126.18)	C	(4);126.18,131.9 (6-22)
BLUE CANYON	320 (BC)(116.1)	MHW	(4);116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-VDT	(4);116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-VDT, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-VDT,323°,2.5	(4), 116.1
REDDING FM	(- - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AW)(1)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1)	SBMRAZ-VDT.244°, 2.2	(4); 116.1
OREGON			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS)(116.1)	SBRAZ-VDT;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-VDT	(3); 116.1
Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4); 126.18,131.9,118.7
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Arcata, Calif.	109.5	332.6	312° Mag	IM- (.14)	MM- ..... (.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 31175 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE.RR W,S	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW.riv S	5034	63h	
Alturas #1	1 W.RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R2 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Chelm (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W.
(A) Chico AAF (A)	5 N,rd E	237	67h	CLOSED
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	80	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mins E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	1 N,riv E	3300	26	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). ➔ New or revised data

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	26	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur (ltd P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	40	Road crosses NE SW strip.
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mtn E.
Humboldt County (Eureka)	3.4 ENE,RR SW	10	19 S4	80 oct. Poles NW.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3080	26 S4	80 oct.
Oroville	3 SW,riv E	190	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L5 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S.
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows Glenn Co.	1.3 WSW,RR E	130	45h L1	
OREGON				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk,(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	45	Trees NNE. USFS
➔ Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S1	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4728	53h	
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE.
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.
B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Gowen)	350 (BE)	SBRAZ-DT,110°2.5	(3)
EAGLE FM	(- - - -)	FM, 301°, 11.5	Boise
GOWEN (Boise)	278(126.18) (118.3)	AC	(4);131.9,126.18,118.3
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-VDT, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-VDT, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SBRAZ-DT,219°2.9	(4) Not manned cont.
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-VDT 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-VDT 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno
HUBBARD FLD (Reno)	278	CI	(4)(Wed,Sat,Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker.(3)-3105 4495, 6210 kcs.(4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116.1, 137.88, 140 58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	4.5 SSW	2857	77h R2 S1	80,91 oct.
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	(See Spl Not.)
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE,RR NE	2225	26 S2	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Austin OLF (N)	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO	1.8 W,RR S	5066	62h R1 L5 S4	73, 91 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
Fallon	6 SE,hwy S	3931	70h R1	Closed,emerg use only.
HUBBARD (Reno)	3.4 SE,RR N	4404	57h R1 L5 S4	80,91 oct.Fld lgts prior req.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
" Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
← Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct.Port rnwy lgts on prior req
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	

22 ELKO

R EXTREMELY HAZARDOUS U USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

SPOKANE 3

ROE-DAVIS ○ ○ BURNS

ALKALI LAKE

ROME

NYSSA ○
PARMA ○
CALDWELL ○
RITCHEY ○
FLOATING FEATHER
EMMETT
BOISE AIRPK
BRADLEY
BOISE 350
GOWEN AAF
278 (116.3, 126.1R)
BENNETT
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
BURLEY 272
GLENNS FERRY
MILE HIGH LIMITS OR SIDES OF BLOCK ESTABLISHED

ONYHEE ○

ELKO 391 (116.1)

BATTLE MOUNTAIN 281 (116.1)
BATTLE MOUNTAIN FLGT STRIP
WINNEMUCCA COM
WINNEMUCCA ○
BATTLE MOUNTAIN ○
ELKO
CARLIN 19
WENDOVER

HUMBOLDT 209 (116.1)
BUFFALO VALLEY
LOVELOCK COM
LOVELOCK ○
HUMBOLDT
FALLON
WADSWORTH 27
FERNLEY
LAHONTAN ○
LAHONTAN FLGT. STRIP
FALLON 230
FALLON
AUSTIN OLF ○

RENO 254 (116.1)
RENO SKY RANCH
RENO AAB ○
SPARKS
HUBBARD 278
CARSON CITY
DONNER SUMMIT

SEATTLE
OAKLAND
SALT LAKE CITY
SALT LAKE CITY 23
MEDFORD 19
FRESNO 51 LAS VEGAS 54
YERINGTON
NEV
CALIF
ORE
IDA
NEV

120° 119° 118° 117° 116° 115°
42° 41° 40° 39°

SALT LAKE CITY 23

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(R) EXTREMELY HAZARDOUS
(I) USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6
ST ANTHONY
REXBURG
IDAHO FALLS 359
JACKSON
FRIEDMAN
CAMAS CO
ALBERT
FLYING BAR 5
BURLEY 272
POCATELLO AAF
ABERDEEN
POCATELLO HAYFIELD
UNIVERSITY
POCATELLO 257
AMERICAN FALLS
GOODING (NEW)
JEROME
TWIN FALLS
BURLEY
IDAHO FALLS
IDAHO NEV
IDAHO WYO
AFTON
MALAD CITY 314
IDAHOME
STREVELL
MALAD CITY
MONTPELIER
BEAR LAKE CO
COKEVILLE
PRESTON
LOGAN CACHE CO
HILLCREST
KEMMERER
FORT BRIDGER 382
CORINNE 23
BRIGHAM
HINCKLEY 284
OGDEN 263
LUCIN 302
WELLS
WENDOVER AAF 201 126.18
WENDOVER 248
VENTOSA
LOW
TIMPIE 37
PROMONTORY POINT
LAYTON 18
OGDEN ARPK
HILL AAF 396 126.18
BOUNTIFUL
EVANSTON
KNIGHT
SALT LAKE CITY NO 1 278 118.3
UTAH CENTRAL
SALT LAKE CITY 227
GRANTSVILLE
SALT LAKE NO 2
MIDVALE
ALTA
KNOLLS
TOOELE
RIVERTON 20
FAIRFIELD
DUGWAY AAF
PROVO
SPANISH FORK
FAIRFIELD 362
NEPHI
CARBON CO
MT PLEASANT
DELTA 212
DELTA
MANTI-EPHRAIM
YELLAND
NEV
UTAH
TO MILFORD
ROCK SPRINGS 26
TO KING HILL
ELKO 22
TO ELKO
D-A
R-4
OVER
LAS VEGAS 54 | WINSLOW 55

SALT LAKE CITY

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SRAWZ; 131°,3.4	
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
[redacted]			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	213 (VZ)(116.1)	SBRAZ-VDT, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (IL)(116.1)	BMRLZ-VDT,2°,4.4	(4); 116.1
HILL,(Ogden)	396 (126.15)+	CA	(4); 126.15
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 328°, 18	Salt Lake City
LUCIN (Int.)	302 (IB)(116.1)	BMRLZ-VDP,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-VDT,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 165°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(630-2130 Wed. thru Sun. 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-VDTX	(3); 116.1
→ Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 3	(4); 122.5,118.3,126.15.
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.15)	CA; 256°, 2.2	(3);126.15
[redacted]			
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE, UTAH	110.3 ·--· ·---·	335	343° Mag	IM-	MM- ·-- (.71)	OM- -- (4.69)
					MMK-	OMK- ●
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS [redacted]

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles 3.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE,riv NE	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding (new)	3.5 WSW,hwy N	3730	49h L5 S4	81 oct.
Gooding (old)	4 SSW	3670	20	
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	28 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,8,SL-OT	2.6 WSW,riv WSW	4503	50h L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Hills,trees S,SW,NE.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS(See Spl Not.)
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver
* Sirevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Hamers)(Pocatello)	1 ENE,hwy W	4800	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
[redacted]				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
[redacted]				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4336	73h L5 S4	73,91,100 oct. CLOSED.
Ducheane (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4220	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. IP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	73 oct. Fld lgts prior req.
SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91 oct.Rdo rec req.
Salt Lake City No. 2	10.5 SSW,RR W	4617	58h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. IP-1. CLOSED.
[redacted]				
Afton	0.3 SW,hwy E	6230	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	0 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
* Knight Int,6,SL-OH	5 S,riv NNE	7815	47 L3	
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.

L-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page xxii) NC-(not charted). → [redacted]

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-VDT	4495,3117.5,116.1,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-VDT (ILS)	3105,4495,3117.5:131.7, 116.1 only.
WYOMING			
CASPER (Wardwell Field)	269 (CW)(116.1)	SBRAZ-VDT,263°,2	(4): 116 1
→ DOUGLAS	251 (DQ)(116.1)	HVT	(4):116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1)	SBMRAZ-VDT 137°, 2.2	(4):116.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new):	290(RT)(116.1)	SBRAZ-VDT, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-VDT, 80°, 1.7	(4)· 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ WALKER, COLO.	110.3 .- .---	335	110°Mag	IM	MM .--- (.69)	OM -- (4.5)
				MMR		OMR

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105 4495 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Columns Indicate VHF Voice. ⊥ - Army A C S transmits on and guards 116 1 137 88, 140 58 mcs

AIRPORTS — COLORADO

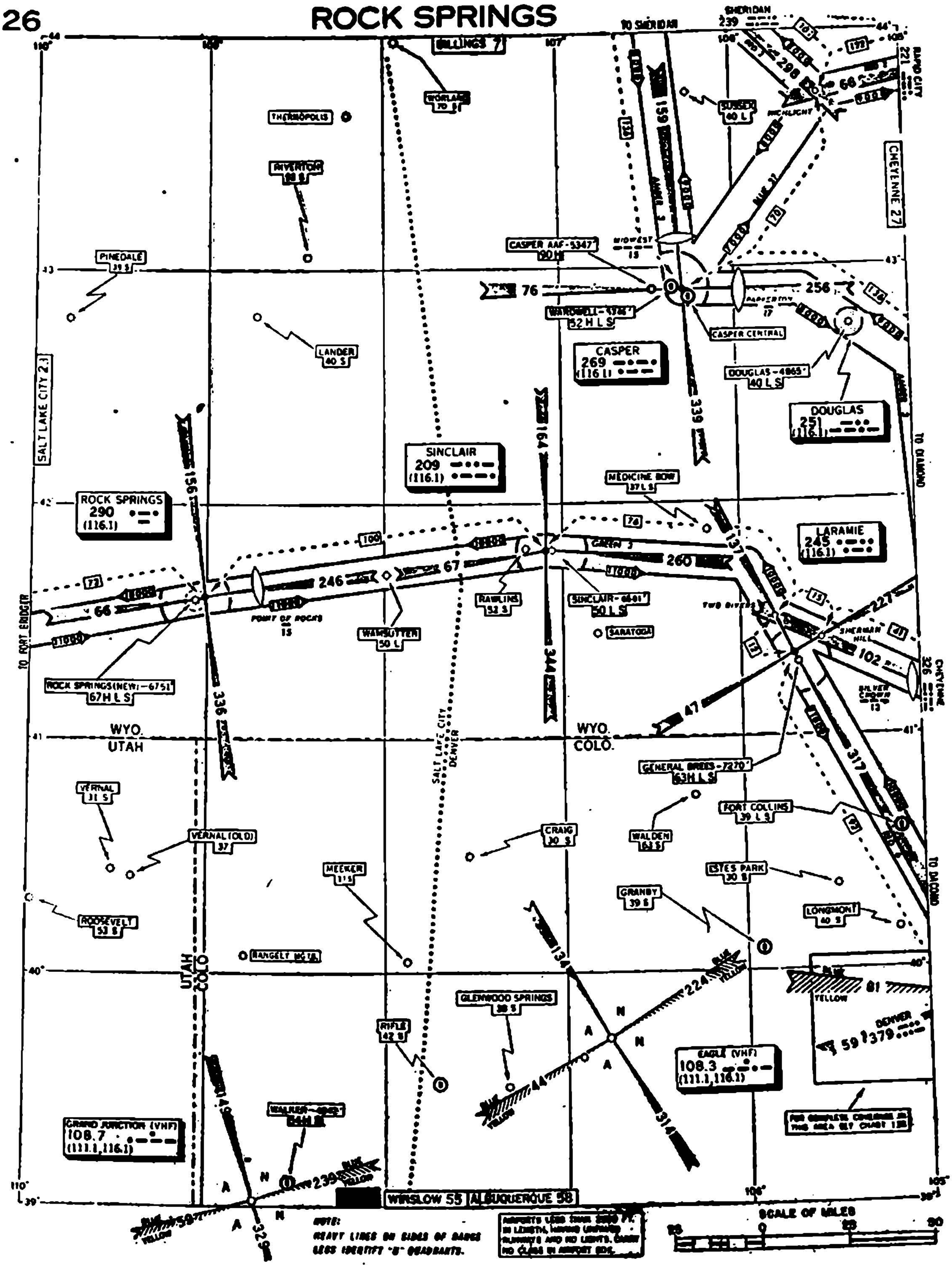
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5.DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030'	40 S6	80,91 oct.Trees NW
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
UTAH				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h	CLOSED.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	73,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S1	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW,hwy E	6900	41	Poleline E.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page XIII)(NC)-Not Charted. → NEW OR REVISED DATA

ROCK SPRINGS



CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT AS ATC REQUEST)

R: EXTREMELY HAZARDOUS (R): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

TO HIGHLIGHT
ROCK SPRINGS 26
TO CASPER
RED 2
66
9000
MONDELL
122
HOADLEY
BOURASSA
RAPID CITY 221
6000
346
HOT SPRINGS
EDGEMONT
WYO.
S.D.
NEB.
162
LUSK
CRAWFORD
FORT ROBINSON
RED 31
136
WHEATLAND
EAST SIDE
SCOTTSBLUFF 341 (116.1)
121
205
TORRINGTON
MITCHELL
SCOTTSBLUFF AAF
227
LARAMIE 245
191
DIAMOND
135
MEADOWS 17
CHEYENNE 278 126.18
EGBERT 29
ARCHER 6
PINE BLUFFS
NEB.
COLO.
LORENZO
CHEYENNE 326 (116.1)
347
168
69
171
DENVER 379 (111.1)
DACONO 20
HENDERSON
A N 9
239
261
WATKINS 15
AURORA 10
DENVER (VHF) 109.1 (111.1)
110
351
335
FRANKTOWN 30
CALHAN
TO PUEBLO
105°
39°
25
7000
60
65
IDLE ACRES
SIDNEY 314 (116.1)
301
21
SIDNEY
8000
256
9000
CHAPPELL
SCHWARTZ - JOHNSON
AKRON 368 (116.1)
154
6000
STERLING
FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 138
BLUE 36
7000
YOUNG
64
8000
AKRON
180
334
A N
270
BLUE YELLOW
90
RODERICK
ANTON (VHF) (W) 108.7 (R)
STAKE'S
FLAGLER
360
HUGO
103°
104°
ALBUQUERQUE 58 | AMARILLO 59
BENNETT CO.
On request
CHADRON 206 (116.1)
CHADRON
S.D.
NEB.
GORDON MUN.
HAY SPRINGS
ALLIANCE MUN.
ALLIANCE AAF
SENECA
BISMARCK 10
DA
MINNEAPOLIS
DENVER
102°
101°
44°
43°
42°
40°
PRESHO
STATUTE MILES
25
50
OMAHA 30
BIG SPRINGS 391
OSHKOSH
BIG SPRINGS
CHAPPELL
OGALLALA
6000
74
26
80
PAXTON
GREEN 3
JULESBURG
155
LEE BIRD
125
NORTH PLATTE 236 (116.1)
260
GOTHENBURG
GRAND ISLAND 260
69
244
HAYES CENTER 400 (116.1)
HAYES CENTER
146
McCOOK AAF
McCOOK
HOLYOKE
117
IMPERIAL
ALVIN
66
RED 6
YUMA
WRAY
BENKELMAN
335
NEB.
KANS.
ATWOOD
OBERLIN
LENORA
RED 1
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT.
309
177
171
TO GRAND ISLAND
TO SMOKY HILL
ST FRANCIS
COLO.
KANS.
87
GOODLAND
EDDIE HUTTON
COLBY
267
BLUE YELLOW
357
GOODLAND (VHF) (W) 108.3 (R)
GOODLAND (W) 353
MORLAND (VHF) (W) 109.1 (R)
261
351
HSL.
102°
101°
39°
OVER

RADIO

COLORADO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1)	SBMRAZ-DTXV;155°, 2.4	(3); 131.7
DENVER (9 mi. ENE of Stapleton)	109.1(DV)(111.1)	VAR-DTV	(3); 131.7
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver

KANSAS

GOODLAND	**353 (GN)**	HW-T	
GOODLAND	**108.3 (GN)**	VARW	
MORLAND	**109.1 (MC)**	VARW	

NEBRASKA

BIG SPRINGS (Int.)	391 (BG)	BHT	(4)
CHADRON	206 (HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.1	(4); 116.1
NORTH PLATTE (Lee Bird)	236(NQ)(116.1)	SBRAZ-DTV;352°,2.2	(4); 116.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1

WYOMING

ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1)	SBRAZ-DTV	(3); 116.1
Cheyenne Airport	278 (126.18)	C; 76°, 1.0	(4); 116.1,131.5,126.18
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;RR N	4648	34 S6	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4875	48 S1	73 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW;RR SE	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW.

[redacted]

Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.

NEBRASKA

(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No-fuel. Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 R1 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE,rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W. Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR, hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS. (See Spl Not)
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
(A) SCOTTSBLUFF AAF (A)	3.3 E;hwy S	3945	82h R1	CLOSED.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE.

SOUTH DAKOTA

(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.

WYOMING

(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L5 S6	80,91 oct. Poles W.
East Side (Wheatland)	0.7 E;RR W	4750	21 S1	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	73 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
(P) Young (Fort Morgan)(Colo)	6 N, hwy E	4460	52 S4	73 oct.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page xxxx) NC (not charted) → NEW OR REVISED DATA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHVT	(4):116.1
CALIFORNIA FM	(- - - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)(116.1)	SBMRLZ-DTV	(3):116.1
Sioux City Arpt.	396(126.18,118.3	AC, 337°,1.9	(4),131.9,126.18,118.3
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW,211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK) 116.1;	MHVT	(4):116.1

NEBRASKA

GRAND ISLAND	260(GI)(116.1)	SBMRLZ-VDT	(4); 116.1
Grand Island AAF	278 (126.18)	CA(ILS);165°,1.3	(3), 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-VDT, 170°,2.6	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
OMAHA	320 (OH)	SBRAZ-DT	(3)
Omaha Airport	278 (126.18)	C(ILS);146°,0.8	(4), 116.1,131.8,126.18.
OVERTON	278 (OV)	MHT	(4)

SOUTH DAKOTA

SIOUX FALLS	245 (YL) 116.1)	SBRAZ-VDT,330°, 2.3	(4):116.1
KEARNEY AAF, NEBR.	396(126.18) -	CA	(4)-126.18 (8-17)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Omaha, Nebr.	110.3	335	1350 Mag.	IM- ····· (.06)	MM-	OM- -- (4.90)
					MMK-	OMK-
Grand Isl AAF, Nebr	110.3	335	3490 Mag.	IM- (.06)	MM- ····· (1.00)	OM- -- (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice, W Without Voice. Z VHF Range Station Location Marker, 131 3105, 4495, 6210 kcs, 40 3105, 4495, 6210, 3117.5 kcs. Parenthetical numbers in Frequency Column indicate VHF Voice + - Army ACS transmits on and guards 116.1 137.88 140.58 mcs.

AIRPORTS

IOWA

AIRPORT CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1.4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct, Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	18 S2	73 oct.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct.Pole line NE,N.
John E Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct. 25' pole line S
Liberty(Sutherland)	2.1 W'SW,RR W	1465	23 S6	80 oct. 35' pole line E,
Manning	0.6 SW',RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct Trees W.
Missouri Valley	1.5 S,RR W	960	15 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct. Poles NS.

h-hard surfaced runways. W-radio facilities L-lighting facilities S servicing (See page ####) NC (not charted) → NEW OR REVISED DATA

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct, Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW.
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct. Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct., 91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct, Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line, trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.8 WSW,hwy S	1520	24 S2	73 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct, Data unver. RR NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	17 S1	80 oct. Poles N,RR S.
Hiawatha	1.3 WSW,RR 2	1110	24 S1	80 oct. Pwr line N.
→Holton	0.9 E,RR N			ABANDONED
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
→Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct. Hi-lines N Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct No bcn. Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4	73 oct.
(A)Marshall (Ft Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct. Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	879	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2	80 oct. Pole line N,NW.
Wood Arpk.(Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct, No sto. P-line W.

MINNESOTA

McDowell (Luverne)	8 NW,hwy W	1440	25 S4	80 oct.
Pipestone	1 SE,RR E,W	1735	20 S4	Ltd 80 oct.
→Worthington	1.4 N			ABANDONED

MISSOURI

Craig	0.6 NE,RR SW	975	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts.
Atkinson	1.4 SW,riv NE	2109	22	Trees S. Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	29 S6	80 oct. P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	38h S4	80 oct Twrs S,SW Rnwy data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct. Windmill NW
* Brainard Int,82,SL-OH	5.5 SW,hwy W	1640	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
Bruning	7.7 E,RR N	1544	68h	
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct. P-lines W,S,
Clay Center	1,5 E,hwy N	1800	26 S2	73 oct. N,E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct. Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SSW.
Crete	1 S,RR NE	1368	24 L3 S2	73 oct. Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct. Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct. Poles NE, trees NW.
Elgin	0.8 SW,RR E	1930	16 S6	80 oct. Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct. Port rnwy lgts. P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
Falls City	2 SSW,riv N	910	14 S1	Ltd 80 oct. P-line N,W.
(P)Fremont	1.4 WNW,RRs NE	1203	38h S4	80 oct. Pole line N,NE,E, SE
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2 L5 S2	73,100 oct. Twr SW.
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RRs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
→Hastings Sky Ranch	3.2 W3W,RR N	1960	3. L S6	80 oct. ort rnwy lgts rnwy data unver P-line S
Hebron	1 S,RR W	1458	26 S4	80 oct. Obst S,S.
Hewett's (Beaver City)	2.5 NNE,hwy S	2300	40 S1	73 oct. Pole NNW,SSW,
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E. bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct, Trees N;p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h RI	CLOSED
Lexington	1 W,RR S	2400	32 S5	Data unver.
Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct. Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct. Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohiowa	3 SW	1572	20	Fence sur fld. Data unver
OMAHA	3.5 NE,lake W	982	54h R5 L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian(Cozed	0.8 SW,RR N	2490	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 R1 L3	Bldgs,trees NW,poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct. Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
Scribner	4.1 SSE,hwy N	1315	67h	
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct. Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct. All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct. P-line NW req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

SOUTH DAKOTA

Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct. Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct. Poles N,NW.
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct. Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct. Pole line E,SE.
Mitchell	4 N,hwy E	1292	67h	
→Platte	1.2 NNE,RR SW	1650	28 S1	80 oct. Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens)	1 N,riv E	1114	28 S6	80,91 oct.
→SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S3	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct Poles N
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.
→Hawks (Bruning)	4 SE hwy N		26 S2	Fuel Data unverified
→Valley	1.8 NW;RR NE	1053	22 S1	80 oct
→Worthington (Minn)	1.5 NNE		32 S6	80 oct Data unver

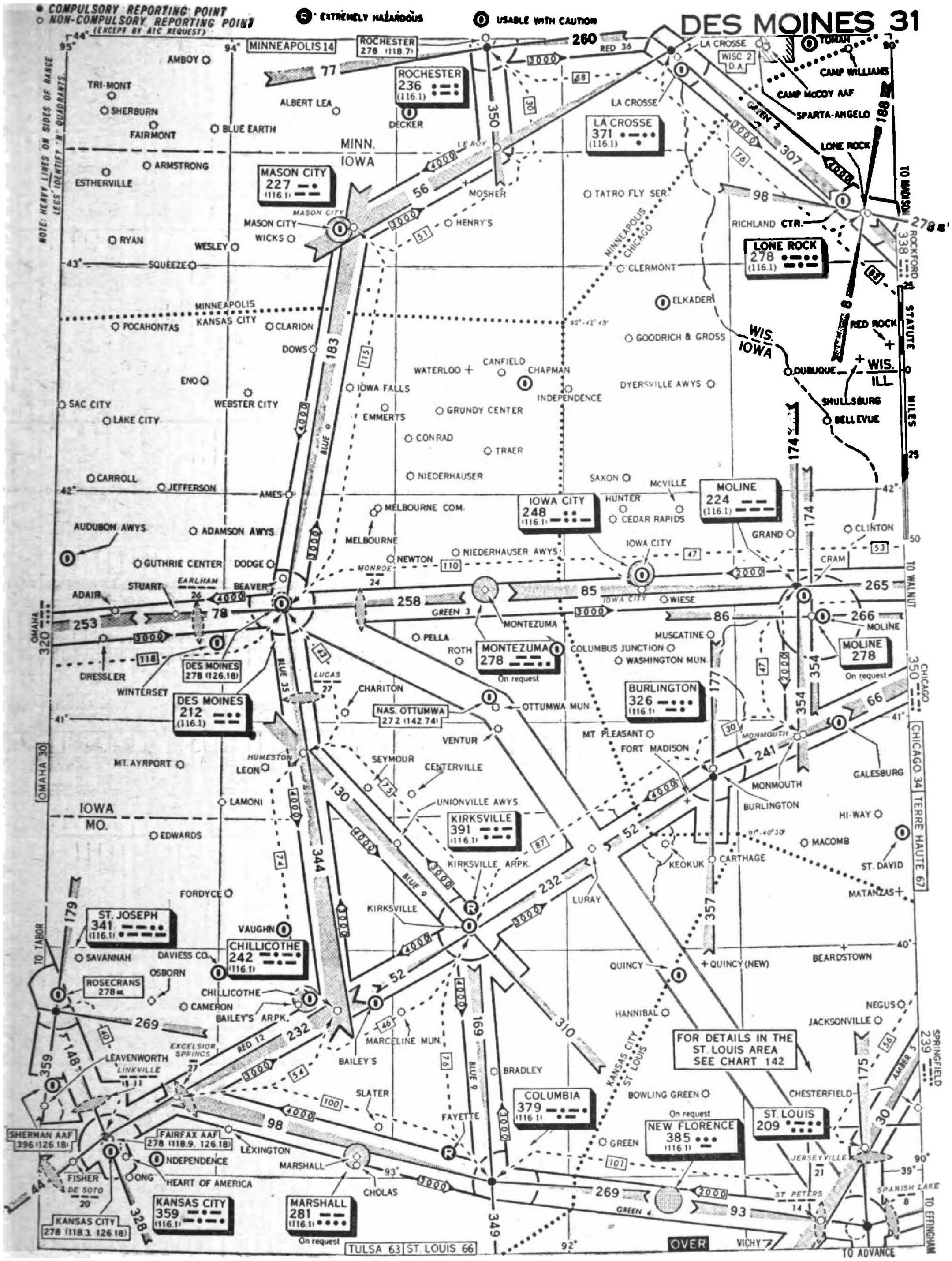
30 OMAHA

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

FARGO 11
RANCHER'S AND FARMER'S
FLETCHER
CHAMBERLAIN
ANDERSON
MITCHELL
HURON
PIPESTONE
DELL RAPIDS
MINNEAPOLIS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS
245 (116.1)
S.D.
MINN.
IOWA
SIOUX FALLS
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
WINNER
PLATTE
GREGORY
MINNEAPOLIS DENVER
S. DAK.
NEB.
WAGNER
YANKTON
VERMILLION
LIBERTY
WESTERN UNION COL
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY
335 (116.1)
SIOUX CITY
396 (118.3, 126.18)
STORM LAKE
DES MOINES
AINSWORTH MUN
ATKINSON
KANSAS CITY DENVER
NICHOLSON
SLOAN
WAYNE
PENDER
OLIVER RANCH
DENISON
EAGLETON
NORFOLK
ELGIN
CHEYENNE 27
WESTPOINT
CALIFORNIA
DUNLAP
MANNING
MISSOURI VALLEY
BRIGGS
HARLAN
ATLANTIC MUN
ATLANTIC
OMAHA
320
SCRIBNER
FREMONT
BLAIR
CLEAR RIDGE
VALLEY
ATLANTIC
257 (116.1)
On request
COUNCIL BLUFFS
MEAD
28
OMAHA
278 (126.18)
GLENWOOD
RED OAK
SHENANDOAH
CLARINDA
IOWA
MO.
TARKIO
BROKEN BOW
NEBR. 3 D.A.
GRAND ISLAND
260 (116.1)
KEARNEY AAF (W)
536
COLUMBUS
SCHUYLER
DAVID CITY
WESTON
BRAINARD
WAVERLY
NORTH PLATTE
236
100TH MERIDIAN
LEXINGTON
OVERTON
CENTRAL
KEARNEY AAF
396 126.18
KEARNEY
HASTINGS SKY RANCH
GRAND IS. AAF
278 (126.18)
HARVARD AAF
CLAY CENTER
HASTINGS
LINCOLN
385 (116.1)
FAIRMONT AAF
CRETE
LINCOLN
UNION
ARROW
OFFUTT AAF
396 (126.18)
TABOR
HAYES CENTER
400
On request
OVERTON
278
HOLDREGE
HEWETTS
OHIOWA
HAWKS
BRUNING
BEATRICE
TECUMSEH
AUBURN
On request
TARKIO
281 (116.1)
HEWS
CRAIG
HEBRON
FAIRBURY
FALLS CITY
NEB.
KANS.
SUMMERFIELD
BERN
NORTON
PHILLIPSBURG
SMITH CENTER
MANKATO
MARSHALL AAF
215
SENECA
HIAWATHA
ST. JOSEPH
341
HAWK'S
WOOD AIRPARK
CLAY CENTER
MARSHALL AAF
396 (126.18)
TOPEKA (VHF) (W)
109.1
HOLTON
LARKINBURG
KANS. 3 D.A.
MANHATTAN
PHILLIP BILLARD
278
WALDO (VHF) (W)
108.7
DOWNS
MORITZ
SALINA (VHF)
108.6
SMOKY HILL AAF
MANKAN
POTTAWATOMIE
TO AKRON
controlled only between 6500 and 8500 ft. M.S.L.
BLUE
YELLOW
OVER
AMARILLO 59
WICHITA 62
TULSA 63
TO KANSAS CITY


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
DES MOINES 31
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
MINNEAPOLIS 14
ROCHESTER 278 (118.7)
260
RED 36
LA CROSSE
WISC 2 D.A
TOMAH
CAMP WILLIAMS
CAMP McCOY AAF
SPARTA-ANGELO
LONE ROCK
TO MADISON
ROCHESTER 236 (116.1)
DECKER
ALBERT LEA
AMBOY
TRI-MONT
SHERBURN
FAIRMONT
BLUE EARTH
MINN.
IOWA
LE ROY
MOSHER
LA CROSSE 371 (116.1)
ARMSTRONG
ESTHERVILLE
MASON CITY 227 (116.1)
MASON CITY
WICKS
HENRY'S
TATRO FLY SER.
RICHLAND CTR.
RYAN
WESLEY
SQUEEZE
MINNEAPOLIS CHICAGO
CLERMONT
LONE ROCK 278 (116.1)
ROCKFORD
ELKADER
MINNEAPOLIS KANSAS CITY
POCAHONTAS
CLARION
DOWS
GOODRICH & GROSS
WIS. IOWA
RED ROCK
WIS. ILL.
DUBUQUE
STATUTE MILES
WATERLOO
CANFIELD
CHAPMAN
INDEPENDENCE
DYERSVILLE AWYS
ENO
WEBSTER CITY
IOWA FALLS
SAC CITY
LAKE CITY
EMMERTS
GRUNDY CENTER
SHULLSBURG
BELLEVUE
CONRAD
TRAER
CARROLL
JEFFERSON
AMES
NIEDERHAUSER
SAXON
McVILLE
MOLINE 224 (116.1)
MELBOURNE COM.
IOWA CITY 248 (116.1)
HUNTER
CEDAR RAPIDS
AUDUBON AWYS
ADAMSON AWYS
MELBOURNE
NEWTON
NIEDERHAUSER AWYS
GRAND
CLINTON
GUTHRIE CENTER
DODGE
IOWA CITY
CRAM
ADAIR
STUART
EARLHAM
BEAVER
WIESE
MONTEZUMA
PELLA
ROTH
MUSCATINE
COLUMBUS JUNCTION
WASHINGTON MUN.
MOLINE
MOLINE 278
On request
MONTEZUMA 278
On request
DRESSLER
WINTERSET
DES MOINES 278 (126.18)
DES MOINES 212 (116.1)
LUCAS
CHARITON
NAS. OTTUMWA 272 (142.74)
OTTUMWA MUN
BURLINGTON 326 (116.1)
VENTUR
MT. AYRPORT
HUMESTON
LEON
SEYMOUR
CENTERVILLE
MT PLEASANT
FORT MADISON
MONMOUTH
GALESBURG
BURLINGTON
HI-WAY
LAMONI
UNIONVILLE AWYS.
IOWA
MO.
KIRKSVILLE 391 (116.1)
KIRKSVILLE ARPK.
EDWARDS
KEOKUK
CARTHAGE
MACOMB
ST. DAVID
FORDYCE
KIRKSVILLE
LURAY
MATANZAS
ST. JOSEPH 341 (116.1)
VAUGHN
CHILLICOTHE 242 (116.1)
SAVANNAH
DAVIESS CO.
OSBORN
QUINCY
+QUINCY (NEW)
BEARDSTOWN
ROSECRANS 278
CHILLICOTHE
CAMERON
BAILEY'S ARPK.
MARCELINE MUN.
HANNIBAL
NEGUS
JACKSONVILLE
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 142
LEAVENWORTH
LINKVILLE
EXCELSIOR SPRINGS
BAILEY'S
BRADLEY
SLATER
COLUMBIA 379 (116.1)
BOWLING GREEN
CHESTERFIELD
SPRINGFIELD 239
SHERMAN AAF 396 (126.18)
FAIRFAX AAF 278 (118.9, 126.18)
LEXINGTON
INDEPENDENCE
FAYETTE
NEW FLORENCE 385 (116.1)
On request
ST. LOUIS 209
GREEN
JERSEYVILLE
FISHER
DE SOTO
HEART OF AMERICA
MARSHALL
CHOLAS
GREEN 4
ST. PETERS
SPANISH LAKE
TO EFFINGHAM
KANSAS CITY 359 (116.1)
MARSHALL 281 (116.1)
On request
KANSAS CITY 278 (118.3, 126.18)
TULSA 63
ST. LOUIS 66
OVER
VICHY
TO ADVANCE
TO TABOR
OMAHA
CHICAGO
TERRE HAUTE
TO WALNUT

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARD, HRS. OF OPER., REMARKS
JERSEYVILLE FM	(-)	FM, 355°, 21	St. Louis, Mo.
MOLINE	224(MO)(116.1)	SBRAZ-VDT, 142°, 12	(4), 116.1
Moline Airport	278	ML, 86°, 2.3	3105 (on req)

IOWA

BURLINGTON	326 (BN)(116.1)	SBRAZ-DTV, 357°, 1.8	(4), 116.1
DES MOINES	212 (DM)(116.1)	SBRAZ-VDT	(3), 116.1
→ Des Moines Arpt.	278 (126.18)	C, 344°, 2	(4), 116.1, 122.5, 126.18
EARLHAM FM	(- - - -)	FM, 258°, 26.3	Des Moines
→ IOWA CITY	248 (IX)(116.1)	BHVT	(4), 116.1
LUCAS FM	(- - -)	FM, 164°, 27.2	Des Moines
MASON CITY	227(NM)(116.1)	MHVT	(4), 116.1, Oper. cont.
MONROE FM	(- -)	FM, 78°, 23.5	Des Moines
MONTEZUMA (Int)	278 (MZ)	MHT	(4)
OTTUMWA NAS	272 (142.74)	CN	(3), 142.74

KANSAS

FAIRFAX (Kansas City)	278 (126.18) (118.9)	C	(4), 126.18, 131.9, 118.9
SHERMAN (Ft. Leavenworth)	396 (126.18)+	CA	(3), 126.18 cont. except Sun. (23-7)

MINNESOTA

ROCHESTER	236(RR)(116.1)	BMRLZ-VDT, 350°, 2.5	(3); 116.1
Rochester Airport	278(118.7)	C	(4) 126.18, 118.7, 131.9

MISSOURI

CHILLICOTHE (Int)	242(CK)(116.1)	MHTV	(4), 116.1
EXCELSIOR SPRGS FM	(-)	FM, 520°, 27	Kansas City
KANSAS CITY	359(KC)(116.1)	SBRAZ-DTXV	(3), 116.1
→ Kansas City Arpt.	278 (126.18) (118.3)	AC (ILS), 148°, 3	(4), 116.1, 122.5, 126.18, 118.3
KIRKSVILLE	391(KR)(116.1)	SBMRLZ-DTV, 333°, 0.5	(4), 116.1
LINKVILLE FM	(- - - -)	FM, 328°, 11.4	Kansas City
→ MARSHALL (Int)	281 (MH)(116.1)	MHTV	(4), 116.1
→ ROSECRANS (St. Joseph)	278	C, 359°, 3.7	(4)
→ ST. JOSEPH (Rosecrans)	341(ZJ)(116.1)	SBMRLZ-DTV	(4), 116.1

WISCONSIN

LA CROSSE (Int)	371(LE)(116.1)	SBRAZ-VDT, 127°, 1.8	(4), 116.1
LONE ROCK (Int.)	278(LK)(116.1)	BMLZ-VDT, 98°, 0	(4), 116.1

INSTRUMENT LANDING SYSTEMS

(Localizer and G.P. in use unless otherwise noted)

LOCATION	LOCALIZER FREQ.	G.P. FREQ.	RWY. HDG.	RUNWAY LIGHTS & VISUAL FINAL COMPASS LOCATORS
KANSAS CITY, MO.	109.9	333.8	172° Mag	SF ·····(.01) VW — DV — — (2,65) MM 221-----(7,6) OM 248---(11,0)

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

ARPT.-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Beardstown	1.5 SE; RR N,W		18 S2	80 oct. Data unverified.
Carthage	1.5 SSW,RR E	565	19	Pole line NE., E.
* Chesterfield Int. 4, LS-CG	3 ENE,hwy N	612	26 L3	
Galesburg	1.7 NW,RR SSW	788	27h L3 S6	80 oct. Fld lgts prior req. Trees SW., NE.
Hi-Way (Flatt)	1.3 NW,RR E	665	20 S2	80 oct. 35' poleline S,E.
Jacksonville	3.9 S,hwy E	850	19 S4	80 oct. Trees SW.
Macomb	2.4 E,hwy E	695	23 S6	73,80 oct. No sto.
Matanzas (Havana	4 S,riv W	480	24 S2	80 oct. Data not verif.
(P) MOLINE	4 S,hwy E	590	40h R1 L3 S6	73,80,91,100 oct. Poles NW
Monmouth	1.5 NNE,rd E	770	31 L1 S6	80 oct. Poleline E,W,S.
Negus (Alexander	2.8 WNW,RR SE	645	22	PRIVATE.
Quincy	2.8 SE,hwy E	650	26 S4	80 oct.
St. David	1.5 SW,RR N	628	22 S2	80 oct. 200' stack NE.

IOWA

Adair	1.5 SSE,RR NW	1350	18 S1	Ltd 73 oct. Trees S.
Adamson Airways	4.8 WSW,hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW,RR NW	920	25 S6	80 oct. Lgt acft only
Armstrong	3.2 NW,hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Audubon Arwys	1 SSE,RR W	1300	15 S1	80 oct. (Audubon)
Beaver	3.4 NW	900	25 S6	80 oct. (Des Moines)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). → NEW OR REVISED DATA

ILLINOIS

ARPT.-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellevue	3 N,RR W	652	19 S1	80 oct.
(P)BURLINGTON	1.7 SSW,hwy E	698	54h R1 L5 S6	80,91,100 oct.
Canfield (Waterloo	3.5 NW,RR NE	800	32 S6	87 oct. Pole line N
Carroll	4.2 ESE,RR N	1196	34 S2	80 oct.
(P)Cedar Rapids	6.7 SSW,RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW, RR N	1017	25 S2	80 oct. Use strips only
Chapman (Waterloo	5 E,RR NW	870	33 S6	80 oct. Poleline S.
Chariton C.A.P.	2.3 NNE,RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8 S,riv W	800	21 S6	80 oct. Poleline SE,NE.
Clinton	6.2 WSW,RR S	700	27 L S6	80 oct. No sto. Port rnwy
Columbus Jct.	3 N,RR E	580	28 S2	80 oct. Poleline N,E lgts
Conrad	3 WNW,RR S	1000	23 S2	80 oct. 27' bldg E.
Cram (Davenport)	2.5 NW,RR SW	646	21 S6	80,91,100 oct.
Creston Arwys	1.6 NE, RR W	1320		UNUSABLE. (NC)
(A)DES MOINES	4.5 SSW,RR W	950	67h R2 L5 S4	80,91 oct. ARMY TMP
Dodge (Grimes)	3.5 E,hwy,RR E	835	27 S6	80 oct. INACT: CIVIL
Dows	1.5 SSE,RR NE	1144	26 S2	80 oct. FACS
Dressler (Anita)	7 SSE,rd W	1250	17 S2	80 oct. Trees S.
Dubuque	1.9 NE,riv E	602	27 S6	80 oct. Poles SE,NW.
Dyersv'l Arwys (Dyersville)	0.8 S, RR NE	940	16 S1	80 oct. Pwrlines NW,NE
Elliot Fly.Svc.	Adj S	550	Un). S1	80 oct. (Davenport) (NC)
(P)Emmerts (Eldora)	2.8 NE,lake SW	1000	32 S6	80 oct. Poles NW,SE
Eng (Ft. Dodge)	2.5 E,hwy W	1126	27 S6	91 oct.
(P)Estherville	3.5 E,hwy S	1298	35 L S6	80 oct. Port rnwy lgts.
Goodrich&Gross (Strawberry Pt.)	3.5 W,RR NE	1200	19 S1	Ltd 80 oct. Poles SE,SW.
Grand	1.2 SW,RR N	770	20 S2	80 oct. (Grand Mound)
Grundy Center	1.3 ENE,RR S	990	18 S1	80 oct. Pole line S.
Guthrie Center	0.5 NW,riv E	1074	21 S1	80 oct.
Henry's (Floyd)	5 NNE,RR W	1110	14 S1	80 oct. Poles ENE. Steep sloped strips.
(P)Hunter (Cedar Rapids)	3 S, riv N	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S, E.
(P)IOWA CITY	1.7 SW, riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S, RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW,RR S	1052	23 S6	80 oct. No sto. Poleline
Keokuk	4.6 NNW,riv E	670	28 S1	Ltd 80 oct. N,
Lake City	3.5 NNE, RR S	1200	26 S1	80 oct.
* Lamoni Int, 10, KC-MP	3 WNW, RR NE	1163	37 L3	
Leon	4.1 N, RR SE	1050	20 S2	80 oct.
McVille (Mechanicsv'l)	3.2 WNW,RR S	850	30 S6	80 oct. Poles S,W.
(P)MASON CITY	7 W,hwy S	1215	56h R1 L5 S6	80,91,100 oct. Poles SS
Melbourne	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.	0.3 S,RR E	1000	21 S2	80 oct. Pole line E.
* Montezuma Int, 17, OH-CG	3 E,hwy N	953	32 R1 L3	Poles, trees SW. Pwr line N.
Mt. Ayrport (Mt. Ayr)	6.6 N, RR N	1100	21 S1	Ltd 80 oct. Poles N,NE
Mt. Pleasant	2.6 ESE,RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW,RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE,hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N, hwy E	890	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys (Grinnell)	4.5 E	1000	26 S2	80 oct.
Ottumwa	3.6 N,hwy W,S	850	32 S6	80, 91 oct.
(N)Ottumwa NAS	6.4 NNW	841	52h R1 L5 S6	73,100 oct. (N)
Pella	3.5 SE,RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW
Ryan (Emmetsb'g)	1.3 W,RR N	1225	18 S2	80 oct. Trees NW.
Sac City	3 SSE,riv W	1160	19 S2	80 oct.
Saxon (Ced.Rpds)	7 NE,hwy S	780	31 S6	80 oct. Trees E,SE.
Seymour	2 NNW,RR S	1060	24 S1	80 oct. Hedge S.
Squeeze (Algona)	5 S,riv S	1201	26 S2	80 oct. Pole line NW,W
* Stuart Int, 8, OH-CG	3.5 SE,rd E	1189	31 L3	Pole line NE,E.
Tatro Fly.Svc.	2.6 NW,riv W	918	26 S2	80 oct. (Decorah)
Traer	1 ENE,RR SW	895	18 S2	80 oct. Pole line E.
Venture (Ottumwa	2.8 SSE,RR W	800	13 S6	80 oct. Poleline N,W,NE
Washington	1.5 SSE,RR NE	769	26 S6	80 oct. Poleline E,SE.
Webster City	3.3 SW,riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E,RR N	1250	31 S1	80 oct. Poleline N,S.
Mosher (Riceville, Ia)	1 W,hwy S	1283	26 S4	80 oct. P-line S. Data unver
← Fort Madison (Ia)	1.5 N; RR W		27 S4	80 oct. Ltd sto. Data unver
← Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct. Data unver!

KANSAS

ARPT.-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A)Fairfax (Kans.Cy)	3 NE,RR E	742	65h R1 L5S4	91, 100 oct. (A)
Fisher	1 ESE,RR N	770	26 S6	80 oct. (Edwardsville)
Leavenworth Lecompton	5.6 WSW,RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
(A)Sherman (Ft. Leavenworth)	1 NNE,RR W	771	60 R1 L5 S4	73, 91, 100 oct. (A)

MINNESOTA

(P)Albert Lea	2.3 N, RR E	1255	32 S6	80 oct. No sto. Poleline
Amboy	1 NNE, RR W	1000	24 S1	80 oct. N.
Blue Earth	3 S,RR E	1111	23 S1	80 oct. Poleline E.
Decker (Austin)	1.7 E,hwy N	1224	26 S4	73 oct. Obsts sur fld.
Fairmont	3.1 S,hwy W	1190	24 S1	80 oct. Poleline W.
ROCHESTER	1.7 SSE,RR W	1040	43h R2 L4 S6	80,91 oct. Poleline E,N
Sherburn	2 WNW,RRs S,E	1300	21 S2	80 oct. Pwr line ESE.
Tri-Mont	0.9 S,RR W,E	1250	22	(Triumph)

MISSOURI

Bailey's (Brookfield)	2 WSW,RR N	800	26 S2	80 oct. Pwr line SE. Poles E,SE;NW bicld
Bailey's Arpk (Chillicothe)	2 SSE,RR W	675	32 S6	80 oct. Poles S.
Bowling Green	1.6 NW,RR E	882	25 S2	80 oct. Poles S,pwrline
(P)Bradley (Moberly)	3 NNE,hwy W	865	37h S6	80 oct. Obsts. SE.
Cameron	2 E,RR NW	1050	21 S4	80 oct. Poles N,W,NNW
* Chillicothe Int, 7, KC-CG	3 ESE,RR N,SW	780	25h R1 L3	Pole line S, trees SW. 4000' strip avail.
Edwards	1.2 ENE,RR W	920	17 S1	Lid 80 oct. (Grant City)
Fayette	1.5 S	660	28 S2	80 oct. Data unverified.
Fordyce (Bethany)	4.8 ESE,RR WNW	1050	22 S2	80 oct.
Green (Mexico)	4.3 ESE,RR S	815	36 L S6	80 oct. Port rnwy lgts.
Hannibal	4.3 WNW,hwy N	735	28 L S6	80 oct. Poleline SW.
Heart of America (Kansas City)	4 E,RR E	759	23 S6	80 oct. Port rnwy lgts. Poles, trees S.
Independence	5.8 ESE,RR S	825	23 S6	80 oct. Poles S.
KANSAS CITY	2.5 NW,riv W,S	739	52h R3 L6 S6	80,91,100 oct. Poles E.
Kirksville Arpk	Adj SE	927	26	Clsd for winter dike W.
" 12, KC-CG	7 SE,hwy NE	970	39h R1 L3 S6	91, 80 oct.
Lexington	3 WNW,RR NW	650	33 S6	73 oct. Poleline S,W,SW
* Luray Int, 16,	1.9 ESE,hwy N	727	26 L3	KC-CG
Marceline	1.5 N,RR SE	855	20 S1	80 oct. Pole line NNE.
* Marshall Int, 7, KC-LS	1.8 S,hwy E	800	39 R1 L3 S2	80 oct. Silo NE corner
(P)Maryville	2.2 WNW,RR N	1154	25 S6	80,91 oct.
Nicholas (Marshall)	3.8 S,hwy W	770	26 S4	80 oct. Pwr line S.
* Osborn Int, 4,	1.5 NW, hwy S	1046	32 L3	KC-MP
ROSECRANS	4 NW,riv S	821	60h R2 L5 S4	(St. Joseph) 80,91,100 oct.
Savannah	1.5 E, RR W	1025	13 S1	80 oct. Fld lgts on req.
Slater	0.8 NW,hwy SE	850	26	Pole line adj N.
Unionville Arwys	1.5 ESE,hwy NE	1100	24 S2	80 oct. Pole line N.
Vaughn (Trenton)	1.2 NNW,RR E	790	26	

[redacted]

(A)Camp McCoy(A)	2.6 E Sparta	830	38h	RR W
(P)La Crosse	5 NNW,bet rivs	653	53h L5 S4	80, 91 oct.
* " Int, 23A,	8 NNW,RR NE	667	37 R1 L3 *	Pole E. (CG-Twin Cys)
* Lone Rock Int, 15, CG-Twin Cys	2 N,rd W,N	714	39 R1 L3 S2	Ltd 80 oct. Poleline NE
Red Rock (Darlington)	5 SE,RR E		12 S1	80 oct. Data not verif.
Richland Center	6 SSE,hwy W		23 S1	80 oct. Trees E,S. Data not verified
Shullsburg	0.5 S	1000	18 S1	80 oct. Trees SW. Data not verified.
Sparta-Angelo	2.2 NE,RR E	800	25 S1	80 oct. Poles sur fld.
Tomah	1 E,RR N	970	18 S1	73 oct. 180' hill E.
(P)Camp Williams (Camp Douglas, Wisc.)	1 N, RR SW	915	45h S2	No fuel. Rnwy data unver. Obsts SE,S. Clsd winter.
Elkader Ia.	1.1 ESE;RR S	915	17 S2	80 oct. Pole line NW;
Independence Ia.	4.1 W;RR E	990	23 S2	80 oct. Poles N.
Roth (Oskaloosa) Ia.	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld.
Wicks (Garner) Ia.	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW,SW.
Winterset Ia.	2 W;RR E	1130	20 S4	80 oct.
Quincy, new (Ill.)	9.5 E	760	54h	Data unverified.
Daviess County (Gallatin, Mo.	1.1 W,RR N	930	16 S1	80 oct. Pole N.
Wiese Fly. Serv. (Lone Tree, Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-VDT,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-VDT,45°,1.8	(4); 116.1
[redacted]			
LOWELL FM	(. - - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	359(ML)	MHW	
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
[redacted]			
GENERAL MITCHELL (Milwaukee)	278 (116.5)	C	(4); 116.5
GENESEE FM	(- - -)	FM, 270°, 35.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-VDT,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-VDT,352°,2.5	(3); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

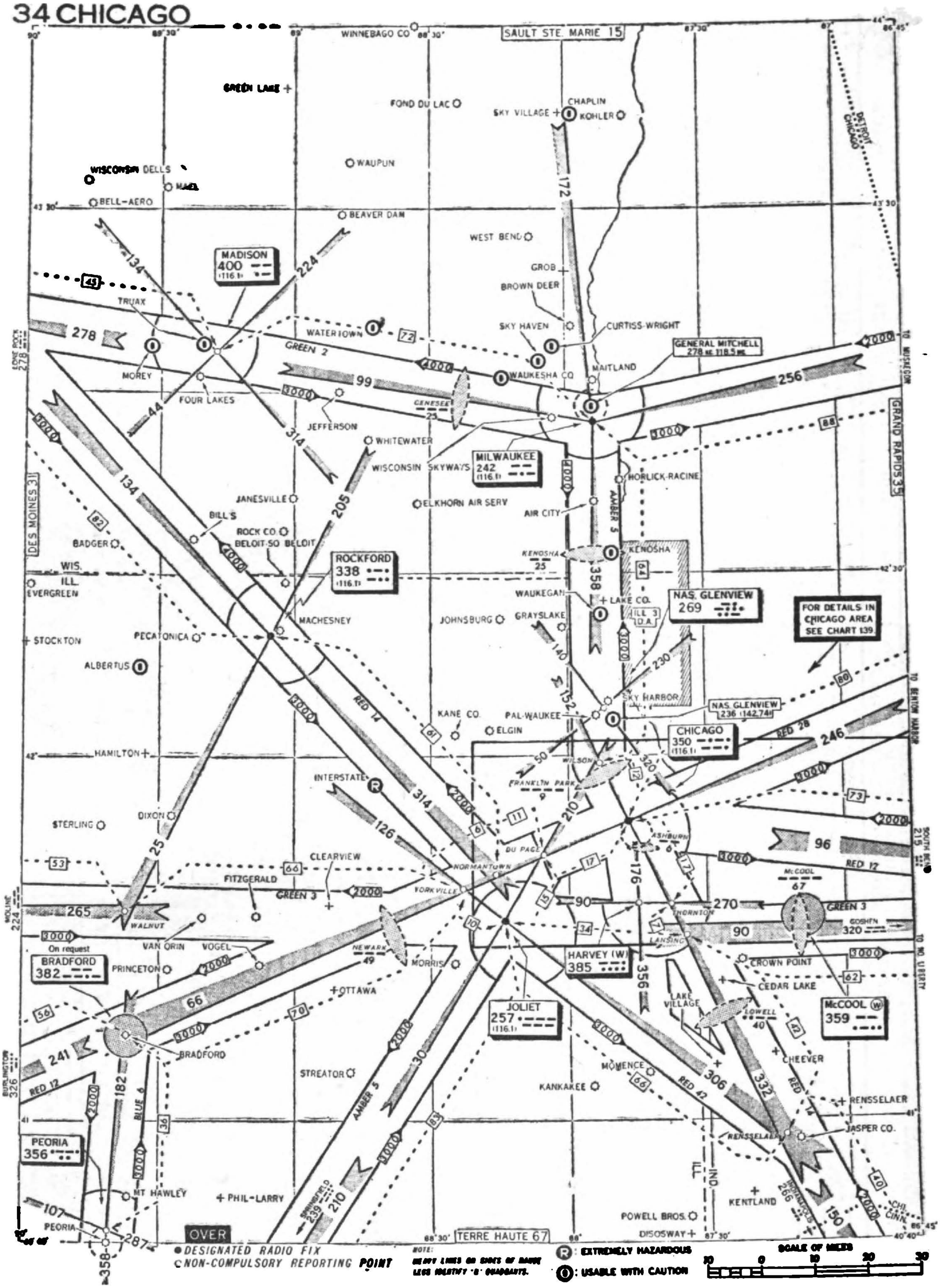
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

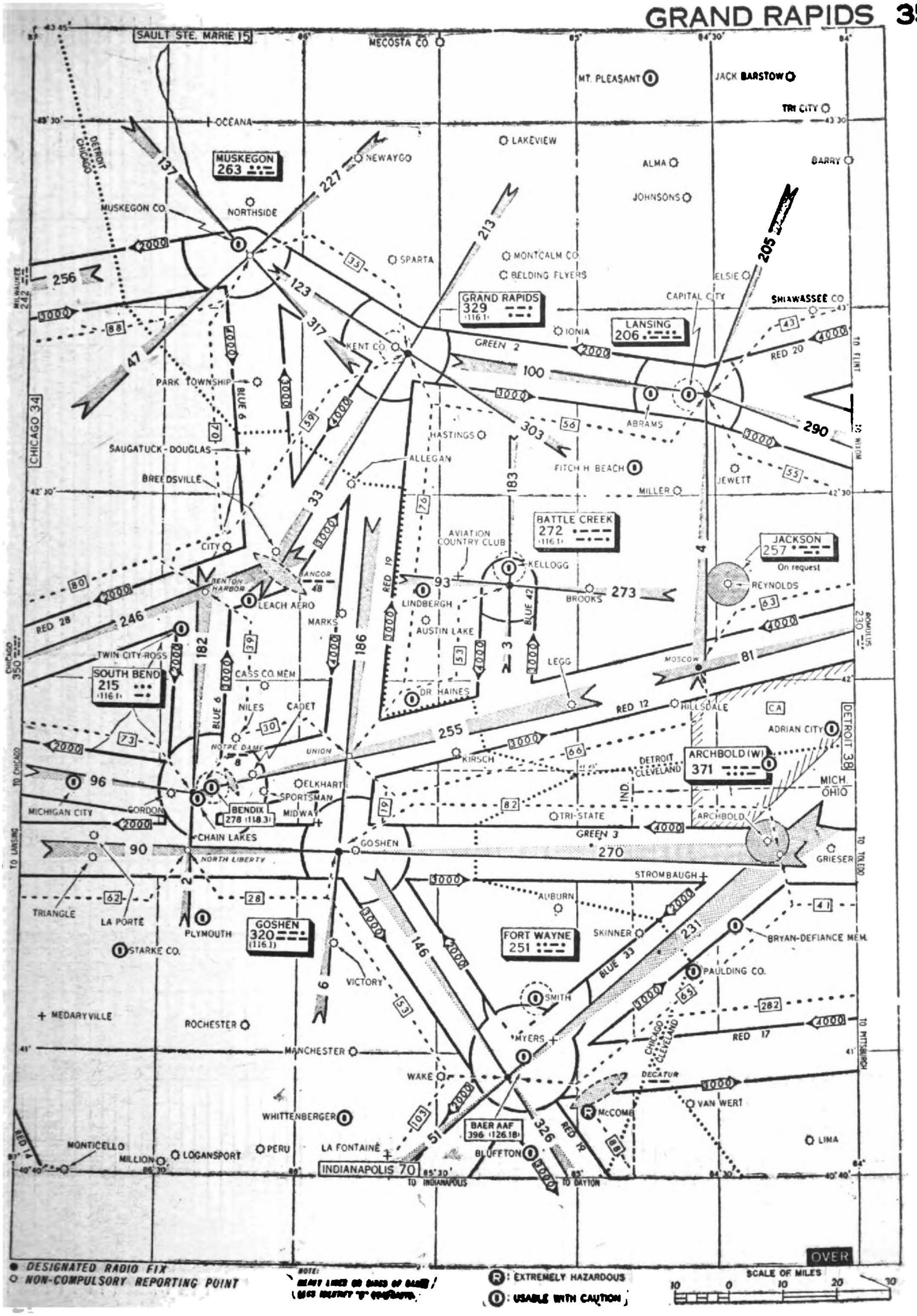
AIRPORTS — ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8 SE,RR S,W	740	33 S4	73 oct. Tank S.
Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Trees, bldg SW.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	26 L3 S6	73 oct. No bndry lgts. Poles N,S.
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct.
Evergreen (Warren)	1.4 SSE;hwy S	1000	26 S1	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto. NAFC
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv W	735	29 R1 L4 S6	73,80 oct. Pole line E.
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	650	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 L3 S4	80 oct. No bcn. Lgts prior req.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
[redacted]				
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S1	80 oct. P-line E. Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;RR NE	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.
[redacted]				
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
Beaver Dam Inc.	2 N;lake W	914	15 S1	80 oct.
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE;hwy W	590	25 S6	80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N,trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	858	60h R1 L5 S2	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80 oct. No sto. P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Hamilton Arpt, Polo (Ill)	2.5 NE	765	25 S3	80 oct. Data unverified.
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway,Sheldon (Ill.)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

34 CHICAGO


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
CHAPLIN
SKY VILLAGE
KOHLER
DETROIT
CHICAGO
WISCONSIN DELLS
WAUPUN
BELL-AERO
BEAVER DAM
WEST BEND
GROB
BROWN DEER
MADISON
400
MILWAUKEE
242
ROCKFORD
338
TRUAX
WATERTOWN
SKY HAVEN
CURTISS-WRIGHT
GENERAL MITCHELL
278 MI 118.5 MI
MOREY
FOUR LAKES
WAUKESHA CO
MAITLAND
JEFFERSON
WHITEWATER
WISCONSIN SKYWAYS
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV
AIR CITY
BILL'S
ROCK CO
BELOIT-SO BELOIT
BADGER
KENOSHA
WIS.
ILL.
EVERGREEN
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
JOHNSBURG
GRAYSLAKE
MACHESNEY
PECATONICA
STOCKTON
ALBERTUS
SKY HARBOR
NAS. GLENVIEW
236 (142.7MI)
KANE CO.
PAL-WAUKEE
ELGIN
CHICAGO
350
HAMILTON
WILSON
FRANKLIN PARK
INTERSTATE
DIXON
STERLING
DU PAGE
ASHBURN
McCOOL
67
CLEARVIEW
FITZGERALD
YORKVILLE
NORMANTOWN
THORNTON
GOSHEN
320
WALNUT
VAN ORIN
VOGEL
NEWARK
MORRIS
PRINCETON
OTTAWA
CROWN POINT
CEDAR LAKE
LAKE VILLAGE
LOWELL
40
BRADFORD
382
JOLIET
257
HARVEY (W)
385
McCOOL (W)
359
BRADFORD
STREATOR
MOMENCE
KANKAKEE
CHEEVER
RENSSELAER
JASPER CO.
PEORIA
356
MT HAWLEY
PHIL-LARRY
KENTLAND
POWELL BROS.
DISOSWAY
TERRE HAUTE 67
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BARB LEGS INDICATE "R" QUADRANTS.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30


SAULT STE. MARIE 15
MECOSTA CO
MT. PLEASANT
JACK BARSTOW
TRI CITY
OCEANA
LAKEVIEW
MUSKEGON 263
NEWAYGO
ALMA
BARRY
DETROIT CHICAGO
MUSKEGON CO
NORTHSIDE
JOHNSONS
137
227
213
205
SPARTA
MONTCALM CO
BELDING FLYERS
ELSIE
CAPITAL CITY
SHIAWASSEE CO
GRAND RAPIDS 329 (116.1)
LANSING 206
IONIA
KENT CO
GREEN 2
RED 20
100
256
123
317
47
PARK TOWNSHIP
BLUE 6
ABRAMS
290
303
SAUGATUCK - DOUGLAS
HASTINGS
ALLEGAN
FITCH H BEACH
JEWETT
BREEDSVILLE
MILLER
183
33
CITY
BATTLE CREEK 272 (116.1)
AVIATION COUNTRY CLUB
JACKSON 257
On request
KELLOGG
BENTON HARBOR
BANCOR
LINDBERGH
BROOKS
273
REYNOLDS
LEACH AERO
MARKS
RED 19
RED 28
246
AUSTIN LAKE
BLUE 42
TWIN CITY-ROSS
SOUTH BEND 215 (116.1)
CASS CO MEM
MOSCOW
81
182
186
LEGG
DR HAINES
NILES
CADET
RED 12
HILLSDALE
ADRIAN CITY
255
BLUE 6
NOTRE DAME
UNION
KIRSCH
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
ELKHART
SPORTSMAN
MIDWAY
BENDIX 278 (118.3)
MICHIGAN CITY
GORDON
TRI-STATE
ARCHBOLD
CHAIN LAKES
GOSHEN
GREEN 3
270
GRIESER
NORTH LIBERTY
STROMBAUGH
AUBURN
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320 (116.1)
FORT WAYNE 251
SKINNER
231
BRYAN-DEFIANCE MEM.
STARKE CO.
VICTORY
PAULDING CO.
SMITH
MEDARYVILLE
ROCHESTER
MYERS
MANCHESTER
WAKE
DECATUR
VAN WERT
McCOMB
WHITTENBERGER
BAER AAF 396 (126.18)
LIMA
MONTICELLO
LOGANSPORT
PERU
LA FONTAINE
BLUFFTON
INDIANAPOLIS 70
TO INDIANAPOLIS
TO DAYTON
TO CHICAGO
TO LANSING
TO TOLEDO
TO PITTSBURGH
DETROIT 38
ROMULUS 230
CHICAGO 350
MILWAUKEE 242
CHICAGO 34
TO FLINT
ROBIN 55
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30
OVER

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAER, FORT WAYNE	396 (126.18)	CA (ILS)	(2); 142.74,126.18 (16-8)
BENDIX (South Bend)	278 (118.3)	C	(4); 118.3,126.18,131.9
DECATUR FM	(- -)	FM, 69°,17.1	Ft. Wayne
→ FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV, 51°,3.5	(4); 116.1
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,89°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1

MICHIGAN

BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LI)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)

OHIO

→ ARCHBOLD (Int.)	371(YV)	MHW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Baer, Indiana	110.3		314° Mag.	IM- (.05)	MM- ····· (1.05)	OM- -- (4.55)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne) (A)	7 SSW;RR E	798	63h R3	TMP INACT NO FACS(See Spl Not.)
← BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line S, N.
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;hwy N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct.
La Fontaine	5 NE;hwys N,W		19 S4	80 oct. Data unver.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts. Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	752	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld. No sto.
Triangle Air Service (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. Poles E. Data unver.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.

MICHIGAN

Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W. Data unver.
→ Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct. P-line N,E,S, Blocked.
→ (P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
→ Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct. No sto. P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
→ Cass Co. Memorial (Dowagiac)	1 NW;RR SE	750	31 S4	80 oct P-lines E,NE.
City (South Haven)	4 S;RR W	640	30 S4	73 oct. Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto. Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct. P-line NW,SE. Rdo repairs.
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
→ Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto. Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.

OHIO

* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
(P) Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S. Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct. Poles N,S,NW,NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86° 2.5	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (118.7)	CI	(4); 118.7 (8-24)

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272 (126.18)	C; 45°, 0.4	(4);116.1,131.9,126.18
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM	(. . -)	FM, 31°, 83	Columbus
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
← PORT CLINTON			DECOMMISSIONED
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Selfridge, Mich.	109.5	332.6	184° Mag.	IM- (.23)	MM- ····· (.81)	OM- -- (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 31175 kcs. Parenthetical Numbers on Frequency Columns Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct.Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct.Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	73 oct.
Caro	3 WSW;RR SE	699	22 S2	80 oct. SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct.Trees S,E.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct.Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct.Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct.No sto Poles NW;bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	535	30 S4	73 oct.No sto.Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S.
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD.ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct.Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct.Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE, SE, SW, NW.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. Poles N.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct.JP-1.Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct.No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct.30'poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct.Pole line N.
Washtenaw (Ann Arbor) (NC)	5 W		26 S2	80 oct.Hi-line S.Data unver.
West's (Clio)	4 SW;RR E	690	21 S1	80 oct.
Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct.Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct.Poles N. Stumps NW.No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1043	44h R2 L5 S4	80,100 oct.No sto. ARPT OF ENTRY.
Ashland	1.8 N	1079	23 S2	73,80 oct.Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct.
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct.Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
← Mansfield (old)				ABANDONED
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto.Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct.Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct.No sto.Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct.Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
← Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int,4B,CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct.Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto.Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto.Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	73,83,91 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE.Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct.Pole line W.Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
← Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct,Data unver.

38 DETROIT

R EXTREMELY HAZARDOUS

O USABLE WITH CAUTION

COMPULSORY REPORTING POINTS
NON-COMPULSORY REPORTING POINTS
(EXCEPT AT ARC BOUND)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SAULT STE. MARIE 15

JAMES CLEMENTS

SKYHAVEN

SAGINAW

SAGINAW 212

CARO

CROSWELL CITY

GRAND RAPIDS 35

DALTON

WEST'S

On request
FLINT 335

FORREST

BISHOP 278

LAPEER

SEELYS

MICH. 3 D.A.

MICH. CAN.

BAKER'S

ST CLAIR CO MUN

ALLEN'S

CENTER

OXFORD

SELFRIDGE AAF 388

SELFRIDGE AAF 396 (126.1R)

PONTIAC

HOWELL

ROMULUS 230 (116.1)

WASHTENAW

ANN ARBOR

GRIDLEY

McENNAN

SALINE 20

WILLOW RUN 332 (118.7)

MILAN

YPSILANTI 341

TECUMSEH

NEWPORT OLF

DETROIT CLEVELAND MONROE

MICH. NATIONAL AVIATION

OHIO

FRANKLIN

TOLEDO 263

MONROE

NAS DETROIT 269 (142.7A)

OHIO 6 D.A.

PORT CLINTON

PUT IN BAY

PENINSULA

OAK HARBOR 277

BOWLING GREEN 10

BRICKER

TOLEDO 239 (116.1)

SNYDER

TIFFIN

FINDLAY

FINDLAY 209

GAGE

PORT BUCYRUS

GALION

WILLARD

MANSFIELD

ASHLAND

NORWALK

PARKS

DAYTON 245

COLUMBUS 71

COLUMBUS 391

HAYESVILLE

HAYESVILLE 329

TO NEWARK

TO PITTSBURGH

TO WELLSBURG

TO FORT WAYNE

TO ARCHBOLD

TO LANSING

TO MOSCOW

TO ERIE

TO YOUNGSTOWN

TO BUFFALO 39

DETROIT AREA

WIXOM 20

BIG BEAVER

McKINLEY

BERG

KRIST-PORT

WARREN

THOMAS B. JOY

ROSEVILLE

RED 20

WINDSOR 353

GREEN 2

DETROIT CITY 278

DETROIT 201

METTETAL

TRIANGLE

BURNS

NATIONAL FLY SVC.

HARTSELL AIR TERM

FORD R

STINSON

ROMULUS 230 (116.1)

ROMULUS AAF

HANCE

RED 12

RED 27

SCALE OF MILES

WINDSOR 353

CLEAR CREEK 248

CAN. OHIO

On request
PERRY 332 (116.1)

FOR DETAILS IN CLEVELAND AREA SEE CHART 139

CLEVELAND 344 (116.1)

PERRY

AMBER 6

ERIE 371

VERMILION

ELYRIA

AVON LAKE

BRECKSVILLE

BLUE 11

PARKMAN

NORTH ROYALTON

BLUE 15

KENT STATE

AKRON 362 (116.1)

HOMERVILLE

MEDINA-PRICHARD

LING

MILLER

TAYLORCRAFT

WESTFIELD

AKRON 272 (126.1R)

AKRON-CANTON

McKINLEY

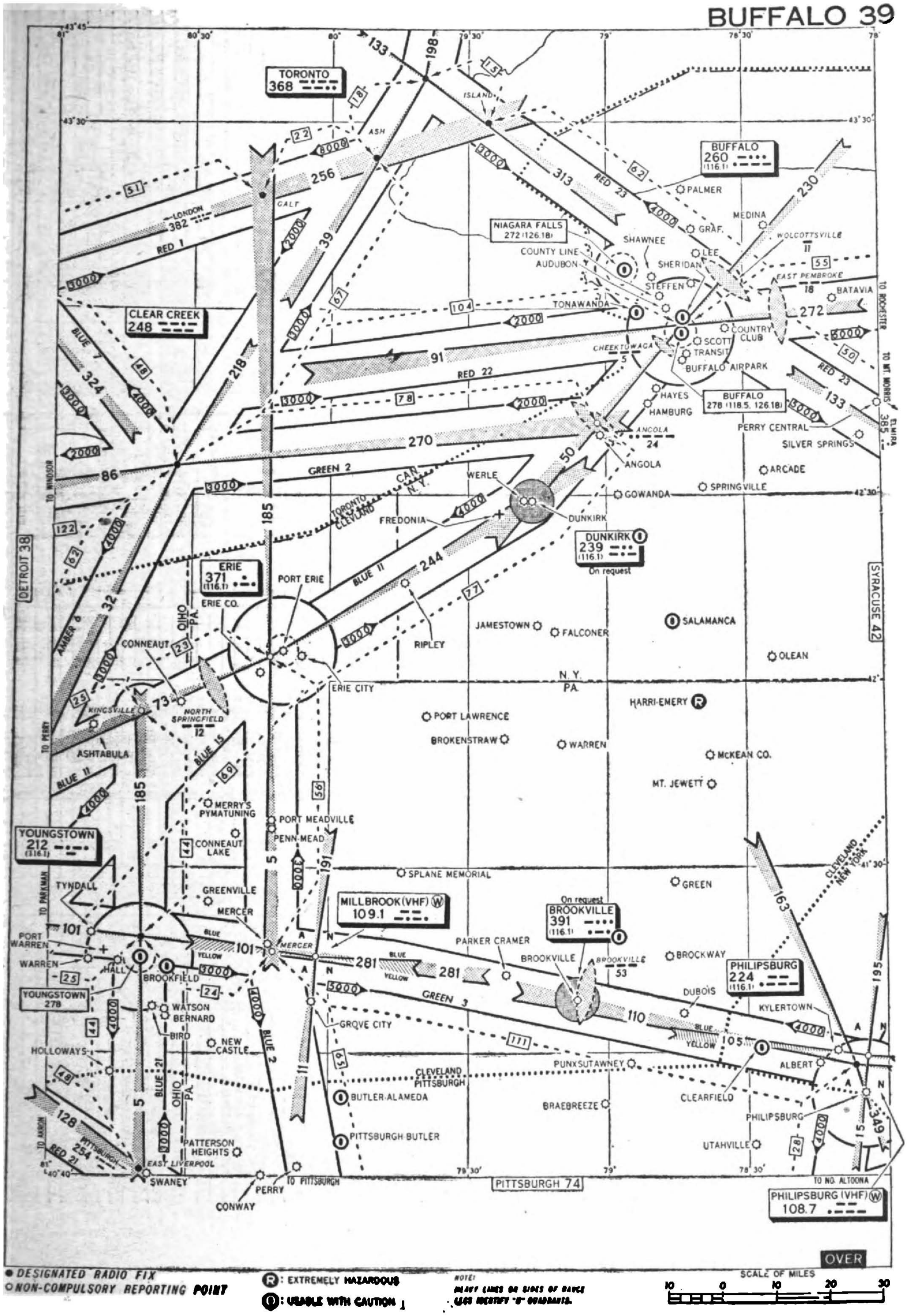
NOBLE

MARTIN

CLEVELAND PITTSBURGH

WOOSTER

BUFFALO 39



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES.

SCALE OF MILES
10 0 10 20 30

OVER

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	FM, 230°, 24	Buffalo
BUFFALO	260(BJ)(116.1)	SBRAZ-VDT	(3); 116.1
Buffalo Airport	278 (126.18) (118.5)	AC;230°,0.9	(4);118.5,126.18,131.9
CHEEKTOWAGA LFM	(- - -)	LFM,230°,4.7	Buffalo
DUNKIRK	239(DK)(116.1)	MHVT	(4); 116.1
EAST PEMBROKE FM	(- -)	FM, 98°, 17.5	Buffalo
NIAGARA FALLS AIRPORT	272 (126.18)	CI	(4);126.18 (8-20)
WOLCOTTSVILLE FM	(-)	FM, 50°, 11	Buffalo

OHIO

YOUNGSTOWN	212(CT)(116.1)	BMRLZ-VDT	(4);116.1
Youngstown Airport	278	CI; 185°,3.5	(4); (630-2030)

PENNSYLVANIA

BROOKVILLE FM	(- - -)	FM, 290°, 53	Philipsburg
BROOKVILLE (Int.)	391(BR)(116.1)	MHV	(4);116.1
ERIE (Port Erie)	371(ER)(116.1)	SBMRAZ-VDT,64°,2	(4); 116.1
NORTH SPRINGFIELD FM	(- - -)	FM, 253°, 12	Erie
PHILIPSBURG	224 (MJ)(116.1)	SBRAZ-VDT,166°,5	(4);116.1
PHILIPSBURG	108.7 (MJ)	VARW	
→ MILLBROOK	109.9 (MC)	VARW	

CANADA

CLEAR CREEK, ONT.	248 (QO)	BRAZ-T	(4)
TORONTO, ONT.	368 (YZ)	SBRAZ-TX	3105,6210,3117.5

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Market; (3)-3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. ✦ - Army A C S. transmits on and guards 116.1, 137.00, 140.58 mcs.

AIRPORTS

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct.No storage.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct.Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct.
(N) BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct.ARPT. OF ENTRY.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct.Trees SW.
County Line (No.Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h R1 L5 S6	80,91 oct.
Erie Co.Aero Park (Hamburg)	3.5 WSW;RR E,W	750	18	Pole line S.UNUSABLE.(NC)
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct.No storage.
Graf (Lockport)	2.8 N;RR-S	380	15 S6	80 oct.
Hamburg Airpark Inc.	2 NNW;RR,hwy W	722	23 S2	80 oct.Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct,No storage.
Jamestown	4.1 N;hwy E	1719	27h S6	80 oct.Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct.Pole line N.
Medina	2 W;RR S	500	21 S1	80 oct.Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct.JP-1.No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct.Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23 S1	80 oct.Pole line,trees N,E.
Perry Fly.Service (Perry)	3.3 W;RR W	1640	21	Pole lines NNE. (NC)
Ripley	1.4 WNW;lake N	650	22 S4	80 oct.No storage.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W unverifie
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct.No storage.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.
	7.3 NW	570	103 S6	80 oct. Ramp; all face.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII); (NC)-Not charted.

→ NEW OR REVISED DATA

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E.Rnwy info unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield(NC)	1.5 WSW;hwy N	758	18 L1	S blocked.

OHIO

Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct.Pole line N,S,W.
Bird (Youngstown)	2.6 NE; RR W	1000	22 S4	80,91 oct.Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Holloways (Greenford)	1 ENE;RR W	1250	15 S1	80 oct.Wires E.
Sky Harbor (Williamsfield)	1 S;hwy E	1140	26	Poles E. (NC).
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct.No storage.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct.Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.

PENNSYLVANIA

Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy data unver.
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct. Trees N,NE.
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
★ Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 R1 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct.Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct.Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data unverif.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.Poleline SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct.Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel.Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct.Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct.Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct.Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1ENE;riv N	1480	28 S2	80,91 oct.Rnwy data unver.
Patterson(Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Philipsburg,Site 51A,CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80,91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct.Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct.Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct.Port. rnwy lgts.
Utahville	1N;RR S	1800	22 S2	Ltd 73 oct.
Warren	2 WSW;RR N	1160	23h L S4	80 oct. Port rnwy lgts.
Port Warren (Warren,Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver.

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
DANSVILLE	212(DA)(116.1)	MHVT	(4); 116.1
ELMIRA (Chemung Co.)	385(EA)(116.1)	SBRAZ-VDT,75°,1.8	(4); 116.1
ROCHESTER	206(RC)(116.1)	BMRLZ-VDT	(4);116.1
Rochester Airport	278	CI;298°,2.2	3105,4495 (8-24)
ROME AAF	396 (126.18) +	CA	(4); 126.18 (8-22)
SYRACUSE	350(SR)(116.1)	SBRAZ-VDT	(3);116.1
Syracuse Municipal	278	C ; 178°, 2.2	(4)
TRI-CITIES (Endicott)	278	CI	3105(days)
UTICA	359(UA)(116.1)	BMRLZ-VDT,161°,3.0	(4);116.1

PENNSYLVANIA

ALLENTOWN (Allentown-Bethlehem)	320(XA)(116.1)	SBMRAZ-VDT,192°,2.7	(4); 116.1
LAKE CAREYFM	(- - - -)	FM, 259°,20.8	Wilkes-Barre
SLATINGTON FM	(- - - -)	FM, 290°, 12	Allentown
SUNBURY	353(SV)(116.1)	MHVT	(4);116.1
SUNBURY	108.3 (SV)	VARW	
WILKES-BARRE (Wilkes-Barre-Wyoming Valley Airport)	272(WI)(116.1)	SBMRAZ-VDT,243°,2.6	(4);116.1
WILLIAMSPORT	233(IA)(116.)	BMRLZ-VDT,281°,7.5	(4);116.1

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.89, 149.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna(Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek, Belvidere	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

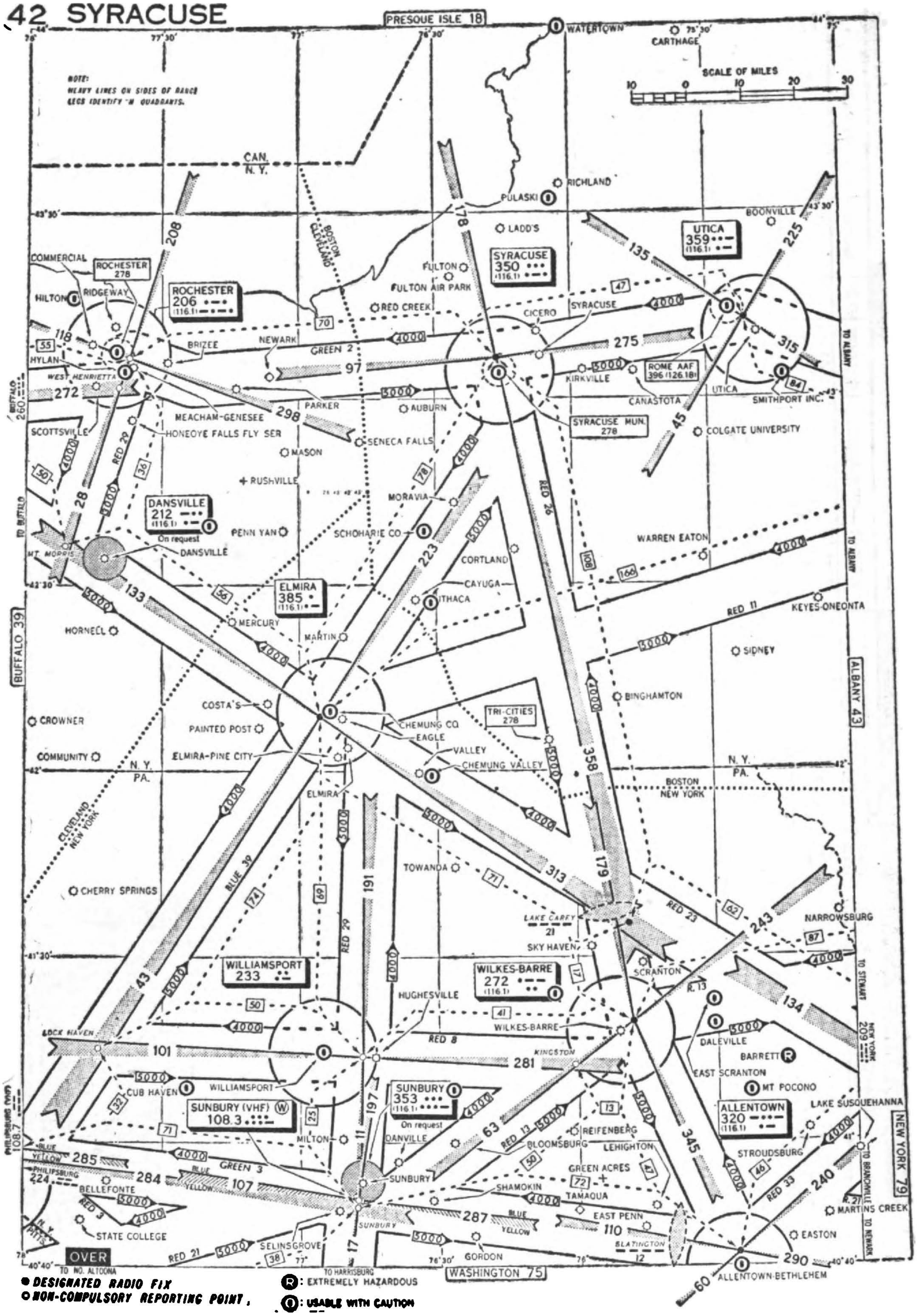
AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct.Trees N.
Bonnie Brae (Owasco)(NC)	1.7 SW;RR W	960	17	Cattle on fld.
Brizee (Pittsford)	2 E;RR N	422	25 S4	80 oct.Pole line S,NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E;RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct.Pole line E.
(P) CHEMUNG CO. (ELMIRA)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate Univ. (Hamilton)	5.4 N;RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct.Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct.Wooded ridge E.
Costa's (Painted Post)	2.7N NW;RR	960	16 S1	80 oct,Trees W,NW.
Crowner (Wellsville)	1 W;RR E	1506	22 S2	80 oct.Obsts sur fld.
(P) Dansville	1 NW;RR NE	662	40h R1 L3 S6	80 oct.Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct.Trees S,W.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Rnwy data unver.Brush
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW. WNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct.3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct.Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct.Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct.Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct.Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin(Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct.Pole line S.
Meacham-Genesee (Rochester)	6 S;RR N	564	22 L S6	80 oct.Floodlgts in emerg.
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct.Hill W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW;RR E	730	20 S1	80 oct.S approh blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct.Mts N,NE.
★ Newark Int,27A,CV-AZ	1.3 NNW;rd N,E	490	19 L3	Pole N.
Painted Post	4.4 SW;RR W	950	19 S2	80 oct.Trees E,W.
Parker (Palmyra)	2.8 S;RR N	540	15 S1	80 oct.
Penn Yan	1.1 S;lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
→ Richland	0.6 NE;RR SW	560	21 S4	80 oct.,No sto. Hi-line S
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OP ENTRY
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct.JP-1.
Scottsville	1 N;RR W	600	10	Allway area: 1000 x 1000',
→ Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct.Pole line S.
Syracuse	3.5 NNE;hwy W	419	65h	CLOSED
" MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct.Rdo rec rqrd
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE.
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct.Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req.ARPT OP ENTRY.
Schoharie Co.(Richmondville	1.3 NE; RR N	1000	16 S1	80 oct. Trees E.
Smithport Inc.(Utica)	3.5 SSE	1150	20h S1	80,91 oct. Data unverified
Rushville	2.5 NNE	1120	20 S1	Unverified.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Berrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW, E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	21 S4	73 oct.
Cherry Spgs. (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct.Trees W,SE, NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct.Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct.Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct.Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
Gordon	1.8 W;RR E	960	18 S2	80 oct. Hill S.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant)(NC)	3 N;rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct.Pole line SW.
Mt.Pocono,21,BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct.Pole line NE.
Mt. View (Nicholson)(NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91oct. Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S;RR N	639	20 S1	80 oct.Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct.Poles adj W.
Stroudsburg-E. Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 R1 L1 S6	80 oct. No sto.
★ Tamaqua,Int,61B,CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct.Pole line SW,NE.
Wilkes-Barre-Wyoming Valley	3.5 NNE;riv S	546	35h R1 L3 S4	80,91 oct.
(P) Williamsport	5.1 E;riv S	526	43h R1 L5 S6	80,91 oct, Lgts prior req.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Hughesville	0.6 S;crk E	570	12 S2	
Boonville (N.Y.)	4.5 ESE;riv NE	1273	29 S1	80 oct. Obst sur fld.
→ Green Acres (Hazleton)(Pa)	4 SE	1260	20 S4	80,91 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

42 SYRACUSE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT.

Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION

ALBANY 43

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BLUE AND GREEN LEGS INDICATE A CONTROLLED AIRWAY

PRESQUE ISLE 18

TICONDEROGA

On request
GLENS FALLS
206
(116.1)

BURLINGTON
323

BLUE 18

30

FAIR HAVEN

RUTLAND

On request
LEBANON
209
(116.1)

TWIN STATE

NORTHFIELD

MONTPELIER

BLUE 4

BLUE 40

LEBANON

NEWPORT

CLAREMONT

HARTNESS

TO CONCORD

STATUTE MILES 10 20 30

PISECO

PLATEAU

SACANDAGA PARR

GLENS FALLS

WARREN CO

N Y
VT

208

SARATOGA SPRINGS
24

EQUINOX

VT
N.H.

BOSTON 46

STEENBURGH

GLOVE CITY

CARPET CITY

BALLSTON SPA

GREEN 2

VAUGHAN

LONG MEADOW

SCHUYLERVILLE

HAYDUK

122

SCHENECTADY CO

FORT PLAIN

84

STONE ARABIA

LAURIESVILLE
27

ALBANY
365
(116.1)

BENNINGTON

KEENE

DILLANT-HOPKINS

SKY HAVEN

166

BRIGGS

INTERCITY

STEVENS

BRATTLEBORO-HINSDALE

VT. N.H.
MASS.

RED 11

COOPERSTOWN

COLONIE
6

TROY

293

83

ALBANY
278(126.18)

FAIR VIEW FARM

ADAMS

64

TURNERS FALLS

ORANGE

118

GARDNER

BOSTON
263

EAST GREENBUSH

SELKIRK

RAVENA

VALLEY AIRPK

WESTOVER AAF
272

144

72

207

149

PITTSFIELD

PILGRIM

239

LaFLEUR

HILLER

FARLY'S

MEDWAY
28

CATSKILL

N Y
MASS

GREAT BARRINGTON

WESTOVER AAF
396(126.18)

E BROOKFIELD

BROOKFIELD

SOUTHBRIDGE

HALCOTT

MARGARETVILLE
FLEISCHMANNS

CATSKILL VALLEY

BARNES

WESTFIELD
230
(116.1)

METROPOLITAN

SPRINGFIELD

329

36

W. SPRINGFIELD

CANAAN

KINGSTON-ULSTER

NEW PALTZ

MILLERTON

KINGSTON

BRADLEY
284 ac 126.18 atc

BOWLES

KINSLEY

AGAWAM

303

WOODSTOCK

BOSTON
NEW YORK

WALLKILL NO. 2

LIVINGSTON MANOR

COZINE

AERO LAKE

NEW HACKENSACK

CLIFF HAVEN

CONN.

STEPHENSON

SIMSBURY

34

252

NEWBURGH-WALDEN

STEWART
236
(116.1)

FREEDOM PLAINS

WEATOGUE

RENTSCHLER
254(126.18)

MONTGOMERY

ARLINGTON

81

WINDHAM

HARTFORD
329
(116.1)

MONTICELLO

WINGDALE

258

WATERBURY

LIME RIDGE

STORMVILLE

RED 13

WURTSBORO

87

MERIDEN
18

59

PROVIDENCE

MONTGOMERY NO

STANTON'S

BROOKFIELD

BETHANY

LUFBERY

BRAINARD
278

SALEM

STARHAVEN

RANDALLS

HUGUENOT

MATAMORAS

62

WAPPINGERS FALLS

DANBURY

55

AMBER 7

MERIDEN
278

WATERFORD

DOANE

GROTON TRUMBULL

RED 23

63

RED 31

41

STEWART AAF
396(126.18)

SOMERS

MONROE

BLUE 41

NEW HAVEN

WEST HAVEN

HAMMONASSET

ELIZABETH AAF

SUSSEX

N.Y.
N.J.

CROTON

CHRISTIE

WESTCHESTER

224
NEW YORK
209

N.Y
3
DA

BRANCHVILLE

WARWICK-WICKHAM

SPRING VALLEY

MILLER

240

134

BENDLY

44

238

BRIDGEPORT
269 ac

248

ALLENTOWN
320

NEW YORK
209

WESTCHESTER CO
260 ac

NEWARK
341

PORT CHESTER
24

NEW YORK 79

MITCHELL AAF
227

MATTITUCK

EAST HAMPTON

SUFFOLK CO

72°48'

72°30'

OVER

TO UTICA

SYRACUSE 42

TO ELMIRA

TO LAKE CARRY TO WILKES BARRE

RADIO — CONNECTICUT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BRADLEY(Windr Locks	284(126.18)	CI	3105,4495:126.18 (6-18)
BRAINARD(Hartford	278	C	(4), 131.9,126.18
BRIDGEPORT ARPT	269	C	(4), 116.1,131.9
EAST HARTFORD (Rentschler)	254 (126.18)	CI	(3)
HARTFORD (Brainard)	320(HT)(116.1)	SBMRAZ-VDT, 323°,2.3	(3), 116.1
MERIDEN FM	(- - -)	FM, 244°, 17.6	Hartford
MERIDEN ARPT.	278	CI	3105,4495 (days)

MASSACHUSETTS

WESTFIELD (Barnes)	230(WJ)(116.1)	BMRLZ-VDT,270°, 1.7	(4):116.1
WESTOVER(Chicopee Falls)(Army)	272 (DOJ)	BMRAZ	(3) (GCA)
Westover Fld	396 (126.18)+	CA(ILS),239°,2.7	(3); 126.18(Appch cont.)

NEW HAMPSHIRE

LEBANON	209(LP)(116.1)	MHVT	(4), 116.1

NEW YORK

ALBANY	365(AZ)(116.1)	SBRAZ-VDT	(3), 116.1
→ Albany Arpt.	278 (126.18)	C, 196°, 3	(4),116.1,126.18,122.5
AURIESVILLE FM	(- - - -)	FM, 302°,27.2	Albany
COLONIE LFM	(- - -)	LFM, 206°, 5.7	Albany
GLENS FALLS	206(GB)(116.1)	MHVT	(4), 116.1
MEDWAY FM	(. . - - -)	FM, 206°, 27.6	Albany
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
SARATOGA SPGS. FM	(-)	FM, 28°, 24	Albany
STEWART FIELD	236(SW)(116.1)	BMRL-VDT	(4), 116.1
Stewart Field	396 (126.18)	CA, 125°, 2.5	(3), 126.18 (7-23)
→ WESTCHESTER CO (White Plains)	260	C	(4) (7-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Westover, Mass.(L6)	109.9	333.8	239° Mag.	IM– (.49)	MM– ····· (.79)	OM– – –(3.36)
					MMK–	OMK–
Westover, Mass(L8)	109.5	332.6	59° Mag.	IM– (.02)	MM– ····· (.72)	OM– – –(4.42)
					MMK–	OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ – Army A.C.S. transmits on and guards 116.1, 117.88, 149.58 mcs.

AIRPORTS — CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Bethany	1.3 N,hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
Bradley (Windsor Locks)	2.8 W,NW,RR, riv E	171	50h R1 S6	Antenna prior req. S. No fuel.
BRAINARD(Hartford)	2.8 SE,RR W	19	48h R2 L5 S6	80,91,100 oct.Dike E,N
(N,P) BRIDGEPORT	3.5 ESE	9	48h R1 L5 S4	80,91 oct.
Brookfield	0.3 S,RR,riv E		10 S6	80 oct.No sto.Data unve
Canaan	1 N,RR W	680	24 S6	80,91 oct.No sto.Pole line SW.
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line WSW,SSE
Doane (Essex)	1.2 SW,RR E,N	30	21 S6	80,91 oct. Trees N, NW.
Groton Trumbull	2.8 SE,RR W	10	50h	(Groton)
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufbery (Wallingford)	0.5 WSW,RR E	80	22 S6	80 oct.No sto.Stacks S,
Meriden	2.7 SW,RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S N.
Monroe	0.7 SSE,rd E	620	20 S6	80 oct. Rd. W.
NEW HAVEN	3.5 SSE,riv W	4	42h S6	80,91 oct; ltd 100 oct. Pole line NW.
Rentschler (E.Hartf'd)	1 S,riv W	40	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E,lk NNE	400	21 S6	80 oct.
Simsbury	2.6 NNE,RR W	170	17 S6	80 oct.Trees SE.
Stephenson (Bristol)	1.6 ESE,RR N	240	18 S6	80, 91 oct.
Waterbury (Plymouth)	2.6 S,RR E,W	843	20 S6	80 oct.
Waterford	1.7 N,RR SSE	60	20 S6	80 oct.Trees,hill S.
West Haven	2.7 SW,hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → New or revised data.

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Windham	3.5 NNW,hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

Adams	1.3 SSE,RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S,riv E	50	16 S6	80 oct.Pole line SE.
BARNES(Westfield)	3 NNE,RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW,trk E	190	40 S4	80 oct.Poleline S,SSE.
Brookfield's	1 W,RR SW	680	20 S6	80 oct.P-line SW W,NW.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.Poleline ENE. Hill NNE.Lgt acft only
Gardner	2 SW,hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW,riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (N.Brookfield)	6.5 NNW	600	35 S3	80 oct. Data unver.
La Fleur (Northampton)	1.2 ENE,riv SW, N	120	26 S4	80 oct.No sto.
Metropolitan(Palmer)	5 N,riv W	400	19 S6	80 oct.Hill N.
(P)Orange	1.5 SE,hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto.Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy N	1140	27 L3 S1	80 oct.Poleline N.
Southbridge	1 N	700	26 S4	Data unver.
Springfield	2.3 NE,RR S	205	26 S6	80,91 oct.Bldgs W
Stevens (N.Adams)	2.8 WSW,RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct.Wooded ridge SE,SW.
(A)Westover (Chicopee Falls) (A)	3.8 NNE,riv W	244	70h R3 L6 S6	73,91,100 oct.No sto.
West Springfield	1.5 N,riv E	65	19 S4	Data unver.

NEW HAMPSHIRE

Claremont	1.3 W,riv NE	520	28h S2	80,91 oct.Wooded ridge
Dillant-Hopkins(Keene)	2 S,riv,RR W	481	40h S6	80 oct. NNE
Brattleboro-Hinsdale (Hinsdale)	2.7 NW,RR W	360	18 S4	80 oct.Lndg flares prior req.
Keene Arpk.	3 NW,RR W	500	21 S6	No fuel or sto.100' hill
Lebanon	3.3 WSW,RR N	579	40h R1 L5 S4	80 oct.Rdo repairs SE.
Newport	2 NNW,RR W	780	26 S4	80 oct.Pole line E.

NEW JERSEY

Sussex	1.2 WSW,RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

Accord (NC)	0.7 N,RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE,RR W	220	23 S4	80 oct.Trees S.
(P)ALBANY	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
Arlington(Poughkeepsie)	1.5 E,RR E	280	18 S4	80 oct.Pole- ENTRY. line NE,trees SW.
(P)Ballston Spa	3 N,RR E	433	40h L5 S6	80,91 oct.Fld lgts prior
Briggs (Carlisle)	0.6 SE,RR W	1320	12	req
Carpet City (Amsterdam)	6 N,rd NW	887	18 S6	80 oct.Use strips only.
Catskill (Cairo)	2 E,hwy S	300	16	Trees sur fld.
Catskill Valley (Catskill)	1.5 SW	100	23 S3	80 oct.Data unver.
Christie (New City)	1.5 N,RR E	150	16 S4	80 oct.Poleline SW.
Cooperstown	1.4 NNW,RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozire (Rhinebeck)	0.5 SE,RR W	200	20 S1	87 oct.Pole line W.
Cliff Haven (Accord)	11 W,RR S	260	16 S1	80 oct.
East Greenbush	0.8 NW,RR W	260	38 L S6	80 oct.Port rnwy lgts.
(A)Elizabeth (Fisher's Island) (A)	W end Island	7	29h LA	No bcn. P-line N.
Farly's (New Baltimore)	3 S,RR W	10	20 S1	80 oct.Trees N.
Ft.Plain Int,40A,CV-AZ	3 NNW,RR NE	680	35 L3	
Freedom Plains (Billings)	2 W,rds N,E	340	11 S1	80 oct.Pwr line S.
Glens Falls,18,LG-UL	2.6 NW,rd S	474	36h R1 L5 S6	80 oct.
Glove City(Gloversv'l)	1.5 NE,RR S	660	17 S1	80 oct.
Halcott (Halcott Ctr.)	1 N		10 S1	80 oct.Data unver.
Hayduk (Herkimer)	0.6 SSW,RR N	400	12 S4	Ltd 80 oct.Poleline E.
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity(Schenectady)	3.6 SSE,RR NE	340	20 S4	80 oct.
Kingston	1.5 NW,RR S	150	17 S4	80 oct.Pole line NW.
(P)Kingston-Ulster	2.7 N,RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge (Beckman)	1.3 SE,RR S	420	16 L2 S6	80 oct.All lgts prior req

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Livingston Manor	0.5 SE,RR W		21h S4	80 oct.;91 oct req.Data
Long Meadow (Rexford)	1.5 NE,RR N,W S.	360	17 S1	80 oct.Poles unver. NNE
Margaretville-Fleischmanns (Margaretville)	0.2 S,riv W		21 S4	80,91 oct.No sto.P-line NE.Data unver.
Miller (Nyack)	1.8 WNW,riv E	70	17 S6	80 oct.No sto.P-line SW
Millerton	1.5 N,RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW,riv W	393	22 S6	80 oct.Trees N,brush E
(A)Montgomery U.S.Mil. Academy #1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan Co.	1.4 S,RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts. Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW,riv W	404	32 S6	73,80 oct.Obsts sur fld.
(P)New Hackensack	0.5 W	156	35h	Obsts NE.
New Paltz	0.8 W,RR E	190	20 S1	80 oct.
Piseco	0.5 N,hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
→ Plateau (Northville)	2.5 E,riv ESE	1040	24 S6	80,91 oct. NNE Trees S.
Randall's (Middletown)	1.8 ESE,RR NW	520	20 S2	80 oct.
Ravena	1.2 N,riv 2 E	180	14 S2	80 oct.Lgt acft only.
Rockland (New City)	1 SSE,RR E	240	14	Trees W,hwy E,(NC)
Sacandaga Park (Northville)	1 SW,RR W	770	13 S1	80 oct.Pole line WSW.
(P)Schenectady Co.	3 N,RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S,riv E	100	29	Trees N,S.
Selkirk	2.7 E,riv E	160	22	Trees N.
Sky Haven (Delanson)	0.9 NW,RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE,RR E,S	563	20 S4	80 oct.No sto.
Stanton's Newburgh Cub Port (Newburgh)	5.3 NW,RR S	520	12 S2	80 oct.Trees S.
Starhaven(Middletown)	1.3 NW,RR SW	750	29	Trees SW,SE,NW,RR N
Steenburgh Avia.Svc. (Gloversville)	1.5 ENE,RR N	900	8 S1	80 oct.
(A)Stewart(Newburgh)(A)	4 W,hwy N	474	61h R2 L5 S6	100 oct
Stone Arabia(Ft.Plains)	3.6 ENE,hwy E	880	18	Pole line NNW.
Stormville	1 ENE,RR S	350	23 S4	80 oct.No sto.Trees NE
★ Ticonderoga Int,22, LG-UL	2.7 NNE,rd E	210	32 L3	Obsts sur fld.
Troy	2 SSE,riv W	327	30 LA S6	73,91 oct.Trees NW.
Valley Air Park (Middleburg)	1.5 NNW	635	16	Data unver.
Vaughan(Johnstown)	1 E,hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A)Wallkill,U.S.Mil.Acad. #2 (A)	3 NW,riv E	340	35h	CLOSED.
Wappingers Falls	0.9 SE,rd S	152	21 S4	80 oct.P-line E,W,S.
WARREN CO (Glens Falls)	2.4 NNE,rd N	325	40h L5 S1	80 oct. No flood lgts.
Warwick-Wickham	4.5 NE,RR W	540	24 S4	80 oct. Ridge N.
Westchester(Armonk)	0.5 SSE,riv E	380	23 S6	80,91 oct.Trees sur fld
(P)Westchester Co.(White ← Plains)	4 NE,lake W	435	50h R1 L5 S6	80,91 oct days;100 oct. FEE.
White (Bedford)(NC)	3.6 SE,hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct,No sto,ROUGH.
Wurtsboro	2 NE,RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

Matamoras	0.5 SSE,riv SE	450	18h LA S6	80 oct.No bcn.Lgts prior req

VERMONT

Bennington	2.5 WNW	850	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E,riv E,N	700	18 S6	80 oct.Poleline,min E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW,riv E	570	20 S6	80 oct.
Rutland	5.8 SSE,hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW,riv,RR E	540	19h S6	80 oct.Hill NW prior req

← Spring Valley (N.Y.)	0.3 E		19	Fuel,sto.Data unver.
Hammonasset/Madison Conn)	2 E, hwy N	15	12 S1	80 oct. Trees W
Croton Air Park (Peekskill,N.Y.)	4.8 SW,riv SW	280	13	Hill SW.
East Hampton(N.Y.)	2.5 W,RR S	40	25 S4	80 oct. No sto.
Mattituck (N.Y.)	0.8 ESE,bay S	12	25 S6	80,91 oct.Poles N.
(A)Suffolk County (Westhampton Beach,N.Y.)(A)	2.6 N	69	50h	CLOSED

RADIO

MAINE

LOCATION	FREQS. IDENT	STA. CLASS, BEAR. & DIST.	FREQ.,GUARD HRS. OF OPER.,REMARKS
BRUNSWICK NAS	382 (NSM)	SRAZ; 84°,4	(3)
PORTLAND	206(PW)(116.1)	BMRLZ-VDT,149°, 2.2	(4), 116.1
YARMOUTH FM(Navy)	(- - -)	FM,264°,11.4	Brunswick NAS

MASSACHUSETTS

BEDFORD (Navy)	522 (DBH)	MH	Opeg cont.
Bedford AAF	212 (126.18)	CA	(3), 126.18
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-VDT,238°, 2.2	(3), 116.1
BRANT ROCK FM(Navy)	(- - -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (Navy)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7, 126.18,118.1)	AC	(4), 131.9,118.7, 126.18,118.1
PEABODY FM	(-)	FM, 310°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
SOUTH WEYMOUTH (Navy)	420 (NFR)	BMRLZ	(3), 142.74 days on req.
South Weymouth NAF	3295 (142.74)	CN, 82°, 3.1	(3), 142.74, (8-1630,Mon.-Fri.)
SQUANTUM (Navy)	472 (NZW)	BMRLZ	(3);142.74 flt opers.
Squantum NAS	323 (142.74)	CN, 321°, 3.5	3105,4495;142.74 (8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°, 14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-VDT,327°, 2.1	(4), 116.1
→ GRENIER(Manchester) (Army)	338 (DUR)	SBMRAZ	(V 8-18)
→ Grenier Field	278(126.18) +	CA(ILS),352°,4	(3);126.18 (10-18)

[redacted]

CHARLESTOWN NAAS	3295 (142.74)	CN	3105;142.74 (GCA)
GREENE (Providence)	278 (118.9)	C	(4);116.1,131.9, 118.9
PROVIDENCE(Greene)	347 (PRX)116.1)	BMRLZ-VDT,480°,3.5	(3);116.1
QUONSET POINT(Navy)	356 (NCO)	BMRLZ	3105; 142.74
Quonset Point NAS	227(142.74) (126.18)	CN, 339°, 2.3	(3);142.74,140.58, 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Grenier, N.H.	109.5 I-GNR	332.6	352° Mag.	IM– (.02)	MM– 1.71)	OM– (5.00)
				MMK-20] --- (.71)	OMK-219---(5.00)	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Foster (Stonington)	1 NE,RR S	5	18 S4	80 oct.Lgt acft only.
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct.Port rnwy lgts.
*Putnam Int,14,LG-BW	1.7 WSW,riv E	460	22 L3	Pole line N;poles NE

MAINE

Biddeford	2 SSW,RR NW	110	22 S2	80 oct.Poleline SE.
(N)Brunswick NAS(N)	1.5 SE,RR N	77	60h RI	91,100 oct.
Douglas (Brunswick)	3.5 W,RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW,RR S	300	22 S4	80 oct.Poleline ESE

b-hard surfaced runways. ⊕-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted).

→ NEW OR REVISED DATA

MAINE

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Merrymeeting (Bowdoinham)	1 SSE,riv E	60	18 S1	80 oct.Trees N, S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80, 91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	22 S3	80 oct.Poleline SSE, NE, SW.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto Trees NNW.
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80, 91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Kennebunk	2 S,rd E	120	20 S2	80 oct.Trees S.Data not verified.
Stover (Freeport)	4 NNW	200	12 S2	80 oct.Data unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
Ayer	1.5 NW,riv W	268	52h	
(A)Bedford AAF (A)	1 S	128	50h R2L5 S6	80, 100 oct.
(CG)Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct.Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv V	50	21 S6	80, 91 oct.
Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E,W.Rnwy data unver
Cape Cod (West Barnstable)	2.1 SW,lake SW	100	25 S2	80 oct.
Country Club(Wareham) (NC)	1.3 E,riv S	25	17	Pole line,trees N.
Chatham	1.7 WNW,hwy S	66	14 S4	80 oct.Pole line N.
Eastham Thundertown	5 N V	45	16 S3	(Orleans) Data unverif.
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. No sto.Pole
Falmouth (NC)	2.5 NE	40	18 S4	80 oct.Data not verified. line NE
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct.Knolls,dike S.
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S.
Grafton (No.Grafton)	0.7 SSW,riv N	450	30 S6	80 oct.Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct.
Haverhill	2 NNE,lake S	125	17 S6	80 oct.Stack S;pole line NW.
HYANNIS	1.2 N,RR E	56	41h S4	80, 91 oct.
King (Taunton)	4.5 ESE,RR N	45	26 S6	73 oct.Poleline NNE.
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct. Pole line SSE.
Leicester	2 N	1140	15h S4	80 oct.Reservoir SE.
(A,N) LOGAN (Boston)	1.5 E in harb.	12	70hR2(L5)S6	80,91,100 oct.Rdo rqrd FEE,ARMY TMP INAC
Mansfield	2 SSE,RR NE	126	25 S2	80 oct. CIVIL FACS Pole line NW,NE.
Marlboro	2.4 E,RR WSW	265	15 S2	80 oct.Ridge SSE,NNW
MARTHA'S VINEYARD (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct.Lgts prior req.Obsts SE side.
Mendon	0.3 S,lake W	450	18 S4	80 oct.No sto.Pole line N,NW.
Myricks	0.8 N,RR SW	65	20 S4	80 oct.Pole line S.
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
Norwood	1.8 E,riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4	80 oct.Trees E,SE.
(N)Otis NAAS(Falmouth)	9 NNE	125	70h	INACTIVE. (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct.Pole line E.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct.Pole line NNE

MASSACHUSETTS

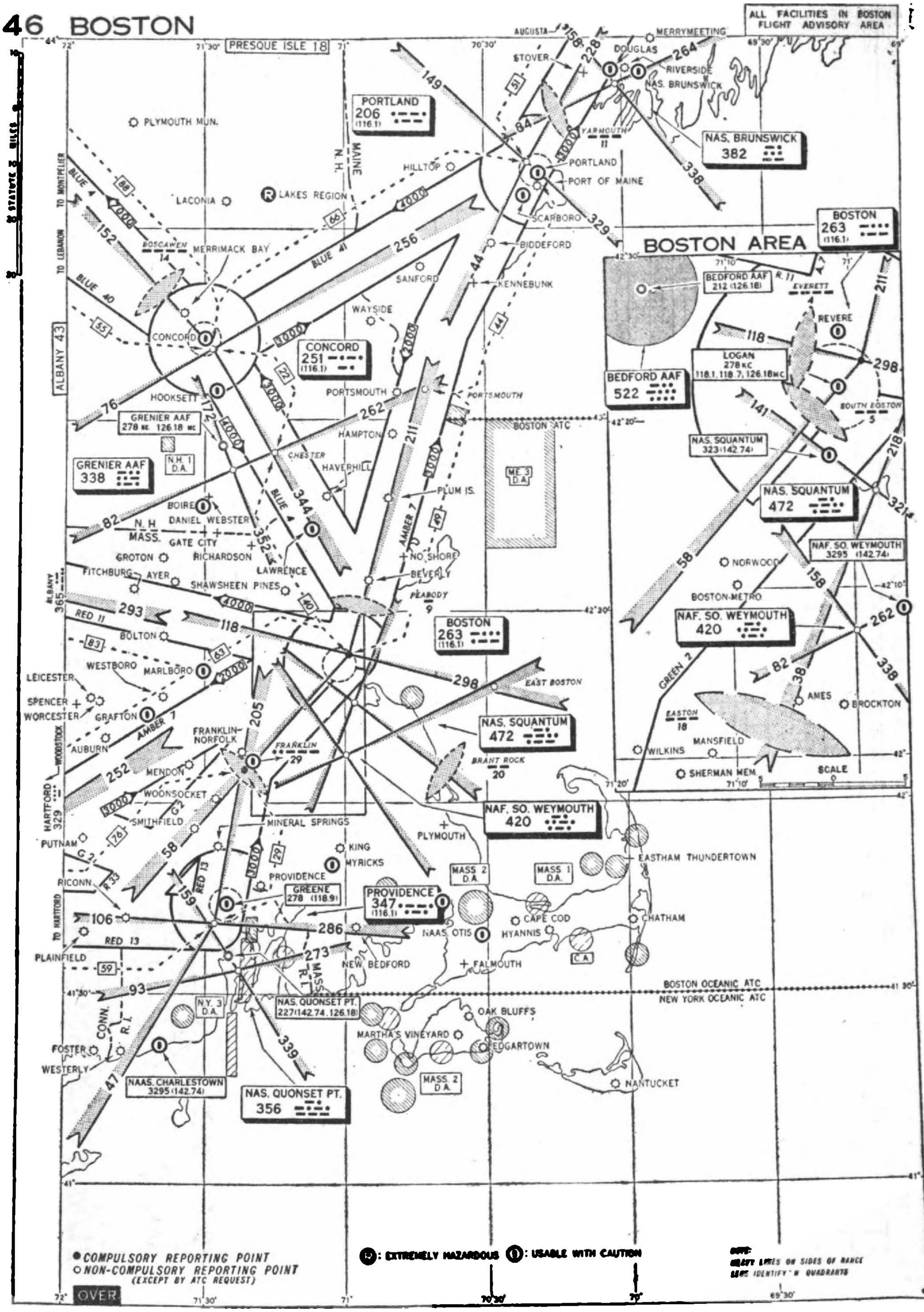
AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80,91 oct.Ltd sto.Rnwy data unver.Trees NE,E,
Sherman Memorial (Mansfield)	3 SSW,RR W	130	17 S1	73 oct.Trees sur SE fld.
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R2 L5 S4	100 oct,B-2 lgts.(N)
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct.No sto,No rot flying.
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No.Attleboro)	2 NE,lake NW	200	18 S6	80 oct.Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	
Spencer	2 NE	1100	15	Data unverified.
Plymouth	SSE	149	25	Data unverified.
Revere	1 N	20	21h L S6	80,91 oct.Port lgts,fee.
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver Data unver

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80 oct.Lgts prior req
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct. P-line S.
Daniel Webster (Nashua)	3.5 NW,riv E	192	24 S6	80,91 oct.Data not verified.
(A)Grenier (Manchester)	4 S,RR E	230	70h R3	CLOSED (A)
Hampton	1.6 N,RR W	80	22 S5	80 oct.No sto.Trees N, S.
Hooksett Land & Seaplane	2 S,RR E	187	32 S6	80 oct. No sto.
Laconia	3.5 NNE; RR S	536	35h L5 S6	73,80,91 oct.Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14 S1	80 oct.No sto.
Merrimack Bay (Concord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S.
Plymouth Mun.Arpk.	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommersworth)	2.4 W,RR N	200	12 S2	80 oct.Trees SSE.
Gate City (Nashua)	4 S		23 S4	80 oct. Data unver

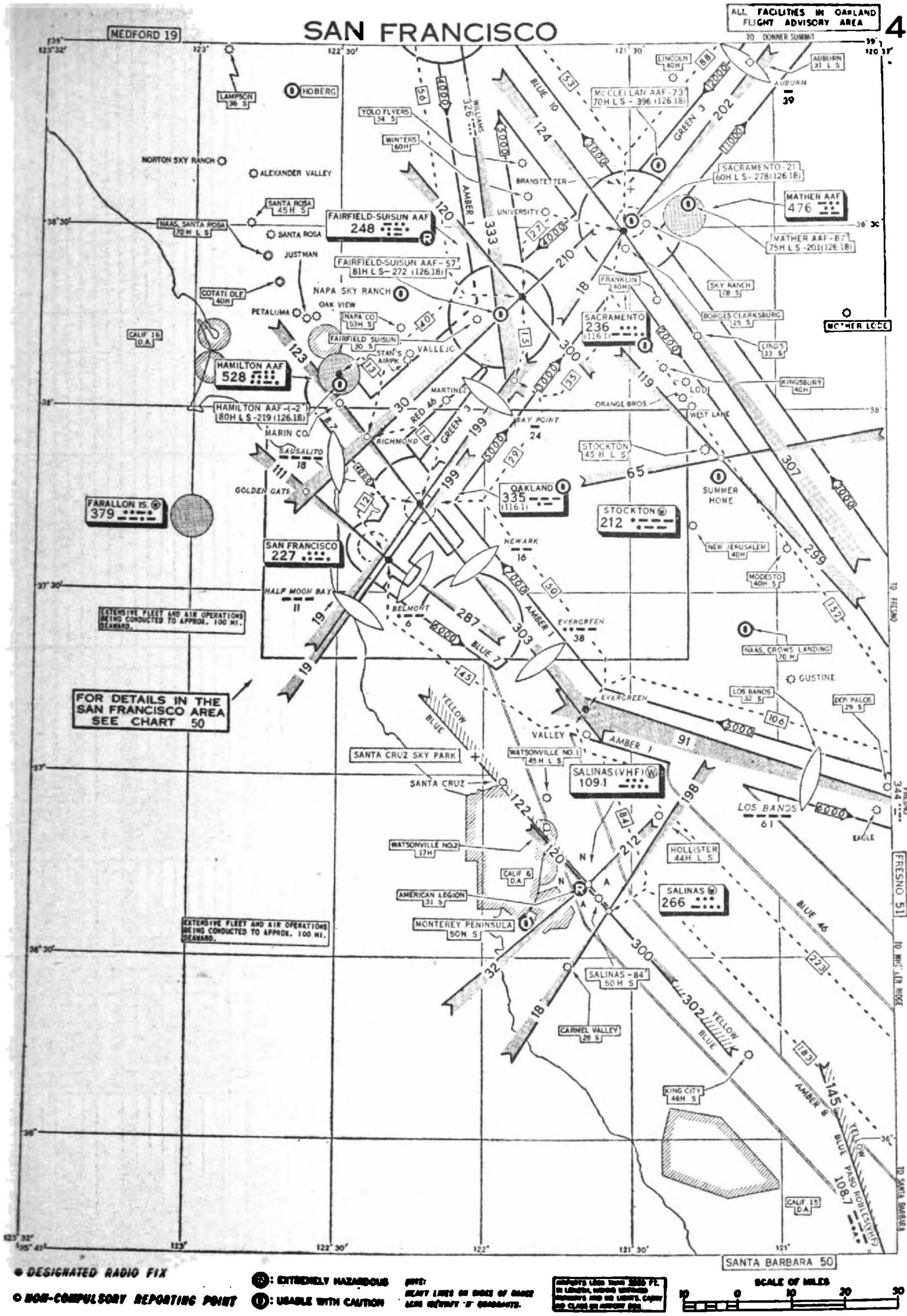
RHODE ISLAND

(N)Charlestown NAAS (N)	1.9 SW,hwy N	32	58h R1 L5 S1	91, 100 oct. No ben.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80, 91 oct.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto. Trees surround field.
(N)Quonset Point NAS (Providence) (N)	16.5 S	14	60hR2L5 S6	91, 100 oct.
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	30 S2	80 oct.Riv W5W.
North Shore(Essex, Mass)	Adj NW	20	15 S1	Data unverified.


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
PORTLAND 206 (116.1)
PLYMOUTH MUN.
LACONIA
LAKES REGION
HILLTOP
CONCORD 251 (116.1)
HOOKSETT
GRENIER AAF 278 KC 126.18 MC
GRENIER AAF 338
N.H. I D.A.
BOIRE
DANIEL WEBSTER
N. H
MASS.
GATE CITY
RICHARDSON
GROTON
FITCHBURG
AYER
SHAWSHEEN PINES
LAWRENCE
BOLTON
WESTBORO
MARLBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
MENDON
WOONSOCKET
SMITHFIELD
PUTNAM
RICONN
PLAINFIELD
FOSTER
WESTERLY
NAAS. CHARLESTOWN 3295 (142.74)
NAS. QUONSET PT. 356
N.Y. 3 D.A.
NAS. QUONSET PT. 227 (142.74, 126.18)
PROVIDENCE 347 (116.1)
GREENE 278 (118.9)
MINERAL SPRINGS
KING
MYRICKS
PROVIDENCE
PLYMOUTH
NAAS. OTIS
CAPE COD
HYANNIS
CHATHAM
NEW BEDFORD
FALMOUTH
MASS. R.I.
MASS 2 D.A.
MASS 1 D.A.
C.A.
EASTHAM THUNDERTOWN
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NANTUCKET
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
BOSTON 263 (116.1)
BOSTON ATC
ME 3 D.A.
PLUM IS.
NO. SHORE
BEVERLY
PEABODY 9
NAS. SQUANTUM 472
BRANT ROCK 20
NAF. SO. WEYMOUTH 420
BEDFORD AAF 212 (126.18)
BEDFORD AAF 522
LOGAN 278 KC 118.1, 118.7, 126.18 MC
NAS. SQUANTUM 323 (142.74)
NAS. SQUANTUM 472
NAF. SO. WEYMOUTH 3295 (142.74)
NAF. SO. WEYMOUTH 420
BOSTON-METRO
NORWOOD
AMES
BROCKTON
EASTON 18
WILKINS
MANSFIELD
SHERMAN MEM.
SCALE
BOSTON AREA
AUGUSTA
MERRYMEETING
DOUGLAS
STOVER
RIVERSIDE
NAS. BRUNSWICK
NAS. BRUNSWICK 382
YARMOUTH
PORTLAND
PORT OF MAINE
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
PORTSMOUTH
HAMPTON
CHESTER
HAVERHILL
EAST BOSTON
FRANKLIN 29
EVERETT
REVERE
SOUTH BOSTON 5
TO MONTPELIER
TO LEBANON
ALBANY 43
TO HARTFORD
HARTFORD 329
ALBANY 365
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
AMBER 1
AMBER 7
GREEN 2
GREEN 1
149
158
228
264
84
338
152
256
44
118
298
262
211
76
172
344
82
352
293
205
252
58
106
286
273
339
47
93
329
141
218
214
158
38
72°
71°30'
71°
70°30'
70°
69°30'
69°
42°30'
42°20'
42°10'
42°
41°30'
41°
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "H" QUADRANTS

OVER

SAN FRANCISCO



RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3);126.18 cont;4220 kc on req.
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS);210°,4.7	(3); 4220;126.18 (GCA)
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
▪Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA; 298°, 8.9	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX,199°,0	(4); 116.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-VDT	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);126.18
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(JW)	MRLW,285°,3.1	
→ SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD, CALIF (L6)	110.3	335	210° Mag.	IM- (0.3)	MM- (1.1)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. **Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.**

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	INACTIVE. Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,91,100 oct.FOREIGN CLEARANCE STN.
Franklin	5.5 SSE; riv E	21	40h	
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct, Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
Kingsbury (Lodi)	6 WSW	15	40h	RR NE.
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
Modesto	2.2 ESE,riv S	100	40h L1 S6	73,80 oct.Bcn prior req.
(P) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req.Data unver.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	18 S5	80, 91 oct. Hwy W req.
New Jerusalem(Tracy)	8 ESE	56	40h	River E.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts. Poles E.
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → **New or revised data**

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-VDT	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS);141°, 1.5	(4);126.18,131.9,118.5,142.74
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
BELMONT			DECOMMISSIONED
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
MOFFETT NAS (Mountain View)	3295	CN	(3); 126.18, 142.74
MT. VIEW (Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3); 126.18,142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX	(4); 116.1
→ Oakland Airport	278(126.18,118.7)	AC (ILS); 199°, 0	(4);126.18,118.7,122.5 (GCA)
POINT MUGU NAF	338 (142.74)	CN	3105,6210; 142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
→ San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4); 126.18,118.9, 122,5
→ SAN FRANCISCO GAP,	356(F)	K,285°,10	San Francisco
SANTA BARBARA	230(OY)(116.1)	BMRLZ-VDT	(4); 126.18,142.74,116.1
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4); 118.7,131.9 (7-23)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland
PASO ROBLES, CALIF.	(108.7)(OB)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD, CALIF.	109.9		300°Mag.	IM- (.07)	MM- ····· (.80)	OM- -- (4.71)
					MMK-	OMK-
Oakland, Calif.	109.9		273°Mag.	IM- ····· (.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

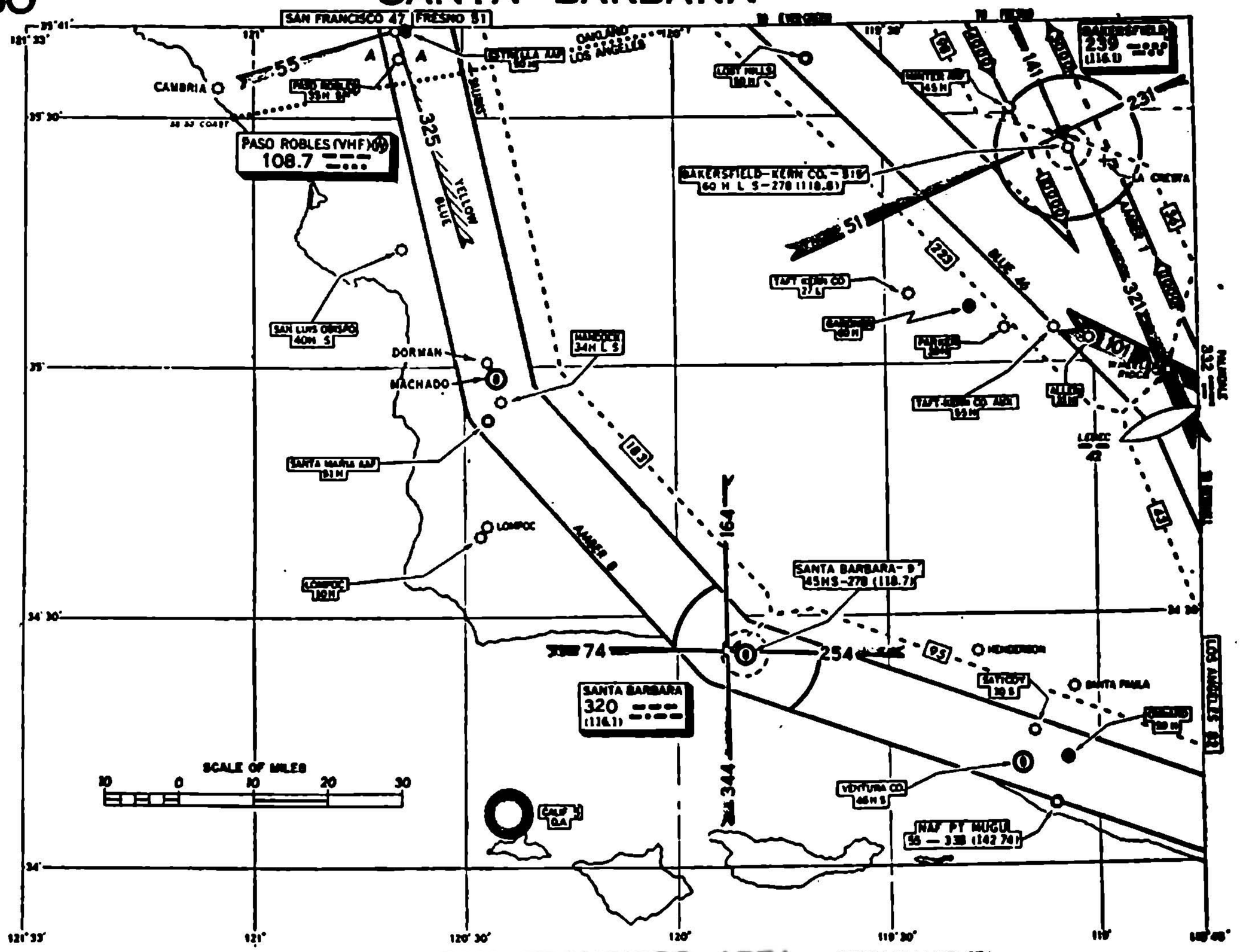
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto.NAFC.
Allen (Taft)	26 ESE	500	31h	
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
(N) Concord (N)	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	1.5 NW,hwy S	22	50h	
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)(A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S1	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40 L2	Poles E,N.Twr NE.
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	TMP INACT NO FACS(See Spl Not.)

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto.
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct. 2-way rdo req.
(A) Oxnard Flight Strip (A)	5.5 E,RR S	84	50h	CLOSED
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct.
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE,bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW,RR SW	70	18 S6	91 oct.No sto,Pwr line S.
(P) San Luis Obispo	2 SSE,hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE,RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE,RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(A) Santa Maria (AAF	3.5 S,hwy E	258	51h	CLOSED
Santa Paula	0.8 S,riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S,RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE,RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W,hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
Cooley (San Carlos)	2.9 NNW,RR S	6	21 S6	80,91 oct. Hwy SW.
Dorman (Santa Maria)	4 N,RR SW	380	23 S1	80 oct.
Machado (Santa Maria)	2.2 N,RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW,RR W	515	60h R3 L5 S6	80,91,100 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → New or revised data

SANTA BARBARA



● DESIGNATED RADIO FIX

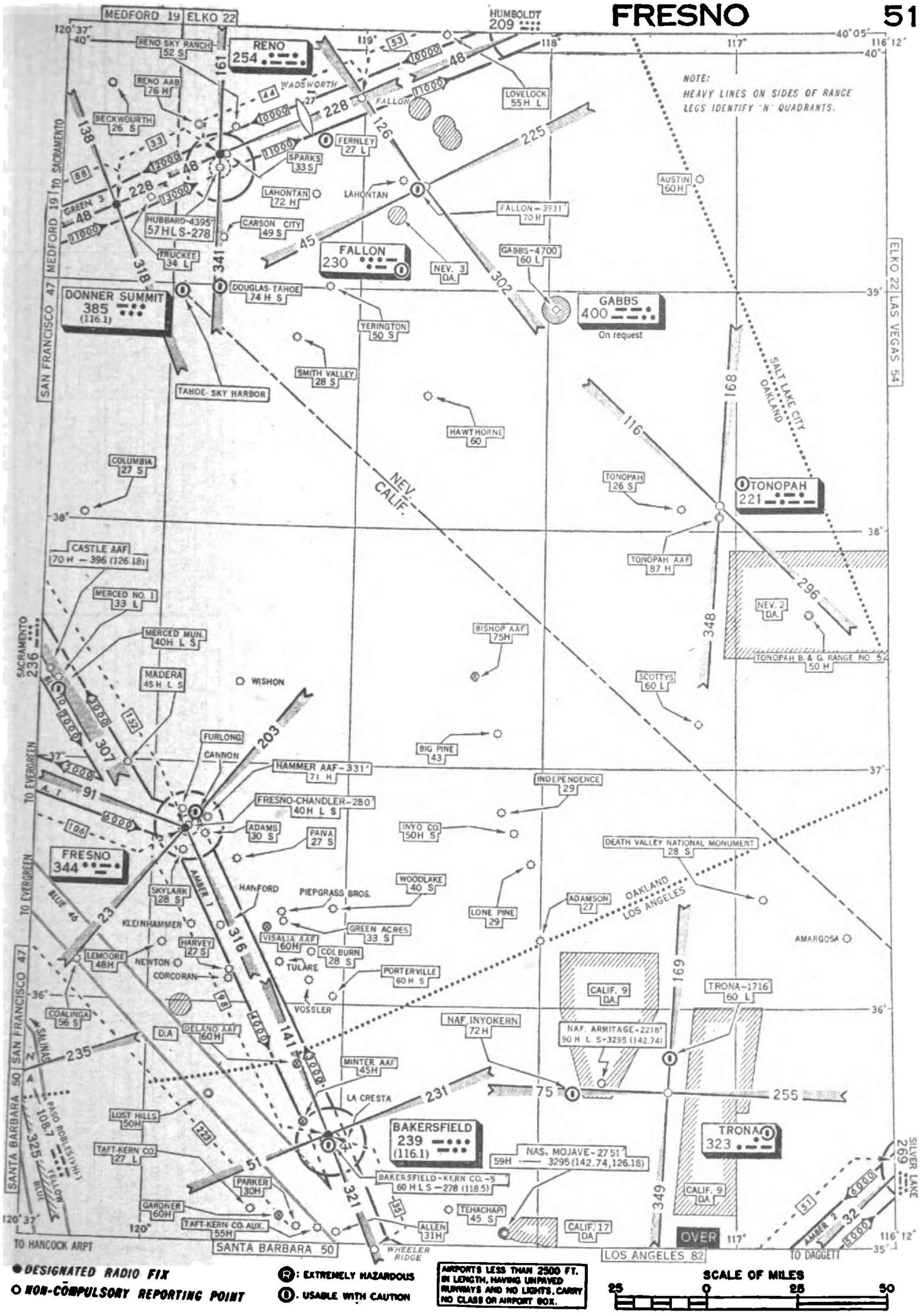
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON EDGE OF RADAR
LEGS INDICATE 8 QUADRANTS.

AIRPORTS LESS THAN 3000 FT.
IN LENGTH, PAVED UNPAVED
RUNWAYS AND NO LIGHTS, CLOSED
TO CLASS OF AIRPORT USE.

Ⓡ: EXTREMELY HAZARDOUS

Ⓘ. USABLE WITH CAUTION


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO SKY RANCH 52 S
RENO 254
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
HUBBARD-4395' 57 H L S-278
CARSON CITY 49 S
FALLON-3931' 70 H
FALLON 230
GABBS-4700 60 L
TRUCKEE 34 L
NEV. 3 DA
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
GABBS 400
On request
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE-SKY HARBOR
HAWTHORNE 60
SALT LAKE CITY OAKLAND
COLUMBIA 27 S
NEV. CALIF.
TONOPAH 26 S
TONOPAH 221
CASTLE AAF 70 H — 396 (126.18)
TONOPAH AAF 87 H
MERCED NO. 1 33 L
NEV. 2 DA
BISHOP AAF 75H
MERCED MUN. 40H L S
TONOPAH B. & G. RANGE NO. 5 50 H
SCOTTYS 60 L
MADERA 45 H L S
WISHON
BIG PINE 43
FURLONG
CANNON
HAMMER AAF-331' 71 H
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40H L S
ADAMS 30 S
PAIVA 27 S
INYO CO. 50H S
DEATH VALLEY NATIONAL MONUMENT 28 S
FRESNO 344
SKYLARK 28 S
HANFORD
PIEPGRASS BROS.
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
KLEINHAMMER
GREEN ACRES 33 S
VISALIA AAF 60H
COLBURN 28 S
HARVEY 27 S
LEMOORE 48H
NEWTON
TULARE
PORTERVILLE 60 H S
AMARGOSA
CORCORAN
CALIF. 9 DA
TRONA-1716 60 L
VOSSLER
COALINGA 56 S
DELANO AAF 60H
NAF, INYOKERN 72 H
NAF. ARMITAGE-2218' 90 H L S-3295 (142.74)
MINTER AAF 45H
LA CRESTA
LOST HILLS 50H
BAKERSFIELD 239 (116.1)
TRONA 323
TAFT-KERN CO. 27 L
NAS, MOJAVE-2751' 59H — 3295 (142.74,126.18)
BAKERSFIELD-KERN CO.-5 60 H L S-278 (118.5)
PARKER 30H
CALIF. 9 DA
TEHACHAPI 45 S
GARDNER 60H
TAFT-KERN CO. AUX. 55H
ALLEN 31H
CALIF. 17 DA
WHEELER RIDGE
SANTA BARBARA 50
LOS ANGELES 82
TO HANCOCK ARPT
TO DAGGETT
OVER
SILVER LAKE 269
SAN FRANCISCO 47
SACRAMENTO 236
TO SACRAMENTO
TO EVERGREEN
SAN FRANCISCO 50
SANTA BARBARA 50
ELKO 22 LAS VEGAS 54
120°37'
40°
119°
118°
117°
116°12'
40°05'
39°
38°
37°
36°
35°
120°
161
138
126
225
228
48
45
341
318
302
168
116
348
296
307
203
91
23
316
321
235
231
75
255
349
269
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
ARMITAGE (Inyokern)	3295(142.74)	CN	(3);126.18,142.74(days)
BAKERSFIELD (Kern Co.)	239 (BD)(116.1)	SBMRAZ-VDT, 141°, 1.5	(3);116.1
CASTLE FLD (MERCED)	396(126.13)	CA	(3);126.13
DONNER SUMMIT	385 (DS)(116.1,	BMRL-VDT	(4) ;116.1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°, 0.9	(4)
MOJAVE NAS	3295(126.18)(142.74)	CN	(3);126.18,142.74;
TRONA	323 (EW)	SBMRAZ-DT, 349°,11	(4)Not manned cont.
BAKERSFIELD KERN CO.	278 (118.5)	C (ILS)	(4);126.18,131.9,118.5, 142.74
NEVADA			
FALLON	230 (VA)	SBRAZ-DT, 219°, 2.9	(4) Not manned cont.
GABBS (Int.)	400 (GZ)	MHF	(4) not manned cont.
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun 6-19, other days 8-1630)
RENO-(Hubbard)	254 (RP)(116.1)	SBRAZ-VDT,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY) +	SBRAZ-DT,168°,2.8	(4) not manned cont.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD, CALIF.	109.9		300° Mag.	IM (.07)	MM .....(.80)	OM --(4.71)
				MK	MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct.No sto.Poleline NNW,SSE.Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
Big Pine	3.4 ESE;RR W	4000	43	1500'mts SE;1000' mts E.
(A) Bishop AAP(A)	2 ENE;riv E	4121	75h	CLOSED.
Bryant (Bridgeport)(NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N;RR W	310	19 S6	80 oct.Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1	CLOSED.
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct.No sto.Poles N, NW, SE.
Cornell (Porterville)(NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	28 S2	87,100 oct.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
Delano AAP(A)	1.5 SE;RR W	315	60h	CLOSED
FRESNO-CHANDLER (Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91,100 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
Gardner (Taft) AAP(A)	9 ESE;RR SE	444	60h	CLOSED
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct.Pole line SE.
(A) Hammer (Fresno)(A)	4.8 NE;rds N,E	331	71h	TMP INACT NO FACS(See Spl Not.)
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct.No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3875	50h L5 S2	80 oct.All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW; RR E	2455	72h	INACTIVE.
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S1	80,91 oct.Data unverified.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(N) Armitage NAF (Inyokern)(N)	8 ENE	2218		91,100 oct.No sto.CLOSED
Boston Land Co.(Westhaven)	1.7 SSW;hwy N.	300	31	(NC)
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) Merced, mun.	1.6 WSW;RR NE	152	40h L5 S6	80,100 oct,No sto.
Merced #1	2.5 NW;RR SW	165	33 L3	No beacon
(A) Minter (Bakersfield)(A)	13.5 NW;hwy E	410	45h	CLOSED
(N) Mojave (N)	0.7 E;hwy W	2751	59h R1	CLOSED
Monache Meadow (Olancha)	10.8 WSW	8000	25	USPS. (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct.No sto.Pwrline N,NW
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct.Poles ESE.
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia)(NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RRadj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N; RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USPS.(NC)
Trona	5 NE;rd W	1716	60 R1 L3	Fld sur by mtns.
★ Truckee Int, 16B, SP-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec.-Apr.
Tulare	2.9 SSE; RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts
Tunnel (Olancha) USPS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE.
(A) Visalia AAF (A)	5 W;RR W	292	60h	CLOSED
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S.
Wishon (Bass Lake) USPS	1.5 WNW	3380	22 S1	80 oct, Trees NNW.
Woodlake	2.6 ESE; lake NW	450	40 S4	80 oct. No sto.
[redacted]				
(N) Austin OLF (N)	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct.Mts N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SP-SL	3.3 E;hwy NW	4156	27 L2	
Fallon	6 SE;hwy S	3931	70h R1	Closed,emergency use only.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60 R1 L3	
(N) Hawthorne	2 N;lake NNW	4200	60 L	Emerg. lgtg on ½ hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	57h R2 L5 S4	80,91 oct. Fld lgts prior req.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct.Poles ENE,WSW.Hwy W
Lahontan Flight Strip (Fernley)	15.5 S;hwy N	4279	72h	
(P) Lovelock,Site 26,SP-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mts sur fld.CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
★ Scottys Int,22,RV-ND	9 SSE Gold Pt.	4300	60 L2	
Smith Valley	1 ESE;hwy N	4850	28 S6	73,80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAP (A)	8 E;hwy N	5426	87h R1	TMP INACT NO FACS(See Spl Not.)
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.
Tahoe Sky Harbor(Genoa,Nev.)	6 WSW;RR N	6230	42 S1	80 oct.
(P) BAKERSFIELD-KERN COUNTY (Bakersfield,Calif.)	4.4 NNW; RR W	515	60h R3 L5 S6	80,91,100 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-VDT,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-VDT,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-VDT,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM, 28°, 30	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-VDT	(3)131.7,116.1 only
Las Vegas AAF	278(126.18,118.7)+	C (ILS), 28°, 1.9	(4), 131.9,118.7,126.18

UTAH

BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-VDPT,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-VDP,229°,7.8	3117.5;131.7,116.1, 129.7(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAS VEGAS AAF, NEV.	110.3	335	25°Lag	IM	MM ·-·- (.66)	OM -- (4.2)
					MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
Kingman	8.5 NE,hwy NW	3446	65h	
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34 S1	73 oct.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E'RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(A) Yucca AAF(A)	1.5 NE,RR W	2030	60h	CLOSED

CALIFORNIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

NEVADA

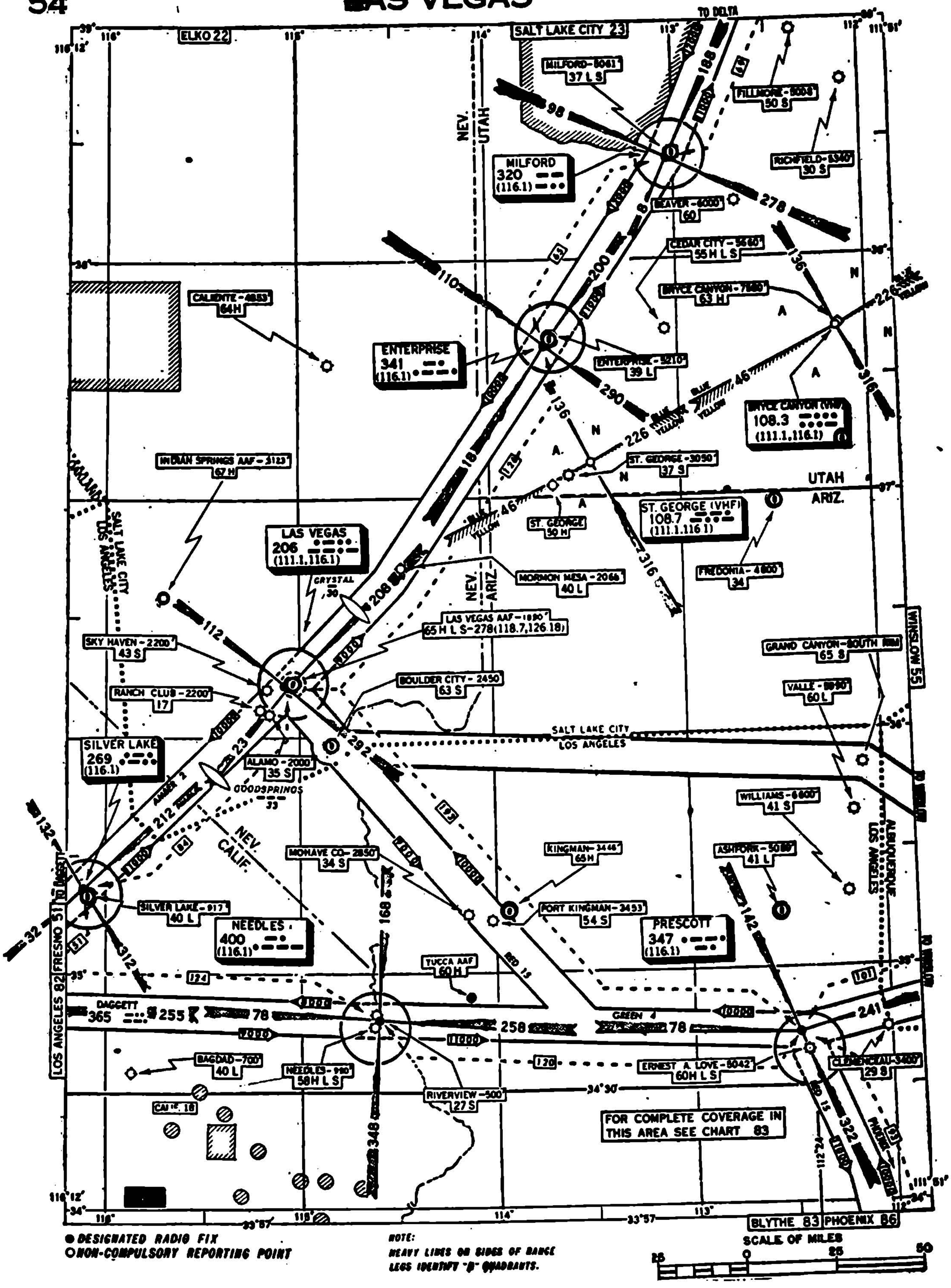
Alamo(Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
(N) BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L5 S6	100 oct.(See Spl Not.)
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	(No sto.
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S4	80 oct.Fld lgts &
* St.George Int,36, LA-DV	6 SE		50h	svcg prior req.

B-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) NC-(not charted). → NEW OR REVISED DATA

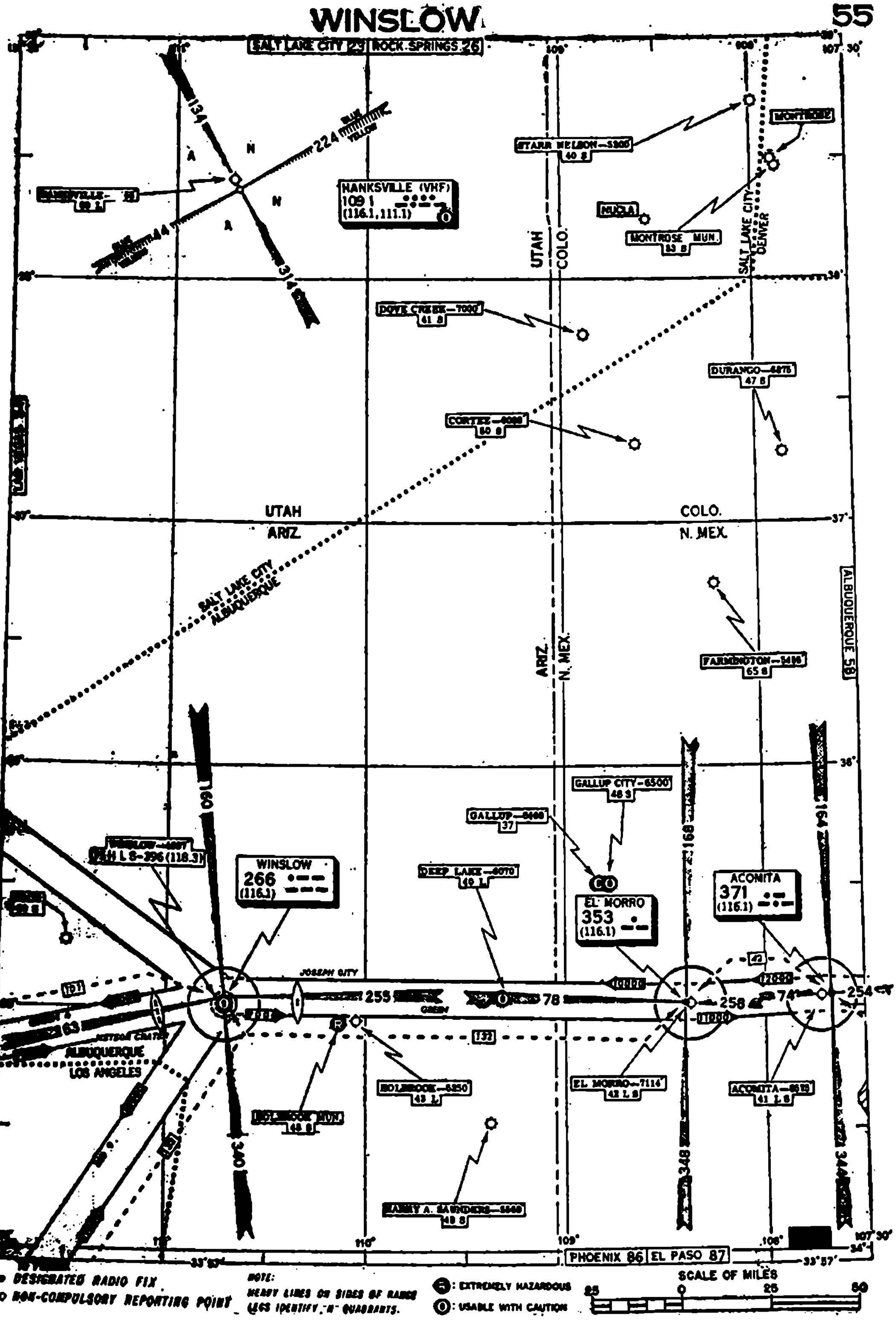
LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

WINSLOW


SALT LAKE CITY 29
ROCK SPRINGS 26
134
224
144
314
A
N
A
N
HANKSVILLE (VHF)
109.1
(116.1, 111.1)
STARR NELSON—5300
40 S
MONTROSE
MUDA
MONTROSE MUN.
43 S
SALT LAKE CITY
DENVER
UTAH
COLO.
DOVE CREEK—7000
41 S
DURANGO—6875
47 S
CORTEZ—6000
50 S
UTAH
ARIZ.
COLO.
N. MEX.
SALT LAKE CITY
ALBUQUERQUE
ARIZ.
N. MEX.
FARMINGTON—5495
65 S
ALBUQUERQUE 58
160
GALLUP CITY—6500
48 S
GALLUP—6466
37
WINSLOW
266
(116.1)
DEEP LAKE—6070
49 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
JOSEPH CITY
255
78
258
74
254
191
63
ALBUQUERQUE
LOS ANGELES
132
ROLLBROOK—6250
43 L
ROLLBROOK MUN.
48 S
EL MORRO—7114
42 L S
ACOMITA—6619
41 L S
340
348
164
HARRY A. SAUNDERS—5440
48 S
PHOENIX 86
EL PASO 87
SCALE OF MILES
25
0
25
50
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "A" QUADRANTS.
E: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-VDT	(4), 116.1
→ Winslow Airport	396 (118.3)	C, 160°, 1.5	(4),118.3,122.5,126.18 (10-18)
[redacted]			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-VDT,254°,1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-VDT,78°.0.1	(4), 116.1
[redacted]			
HANKSVILLE Int.	109.1(HY)(111.1) (116.1)	VAR-VDP,314°,2.8	Not manned cont. (3) on req,3117.5;116.1, 131.7,129.7

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
★ Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S4	80 oct,
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R2 L5 S1	91 oct. •
[redacted]				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct,
[redacted]	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla	2.3 SSW,riv S	5910	36	

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5455	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct. Pole line WSW.
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
Aztec (NC)	2.2 NW on mesa	5700	28	Emerg only.
[redacted]				
★ Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	

(P)-Part-time service. S-Radio beacon. L-Lighting facilities. S-Servicing. (See page 1111) (NC) not charted. → NEW OR REVISED DATA.

ALBUQUERQUE

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CD)	MRLWZ, 166°, 3.9	
FOUNTAIN FM	(- - - -)	FM; 344°, 32.7	Pueblo
LA JUNTA AAF	281(LH)(116.1)	SBMRLZ-VDT, 194°, 2.6	(4);116.1
PETERSON FIELD (Colorado Springs)	272 (126.18)	CA	(4);116.1,126.18
PUEBLO	302 (PU)(116.1)	SBMRAZ-VDT; 340°, 2	(4);116.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-VDT, 170°, 3	(4);116.1

NEW MEXICO

ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-VDT; 354°, 3.1	(3); 116.1
→ ANTON CHICO (Int)			DECOMMISSIONED
CLOVIS (Army)	203 (DCV)	BMRAZ	(3)
Clovis AAF	396(126.18)	CA(ILS), 34°, 6.2	(3);126.18
Clovis AAF	526 (DCV)	HW-DT; 130°, 1.6	
JUAN TOMAS FM	(- -)	FM; 71°, 18	Albuquerque
→ KIRTLAND FIELD (Albuquerque)	278(126.18,118.7)+	AC (ILS)	(4);126.18,118.7,122.2
LAS VEGAS	359(VH)(116.1)	SBMRAZ-VDT; 80°, 3.2	(4);116.1
MAXWELL FM	(- -)	FM, 170°, 54	Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BMRLZ-VDT; 74°, 0.2	(4); 116.1
PERALTA FM	(- - -)	FM, 174°, 11.6	Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MHVT	(4); 116.1
→ SOCORRO			DECOMMISSIONED
TUCUMCARI	212(YC)(116.1)	SBMRAZ-VDT; 76°, 2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Clovis, N.Mex.	109.9		33° Mag.	IM- (.23)	MM- ····· (.86)	OM- -- (4.36)
					MMK-	OMK-
Kirtland, N.Mex.	110.3	335	349° Mag.	IM-	MM- -·-· (.64)	OM- -- (4.32)
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

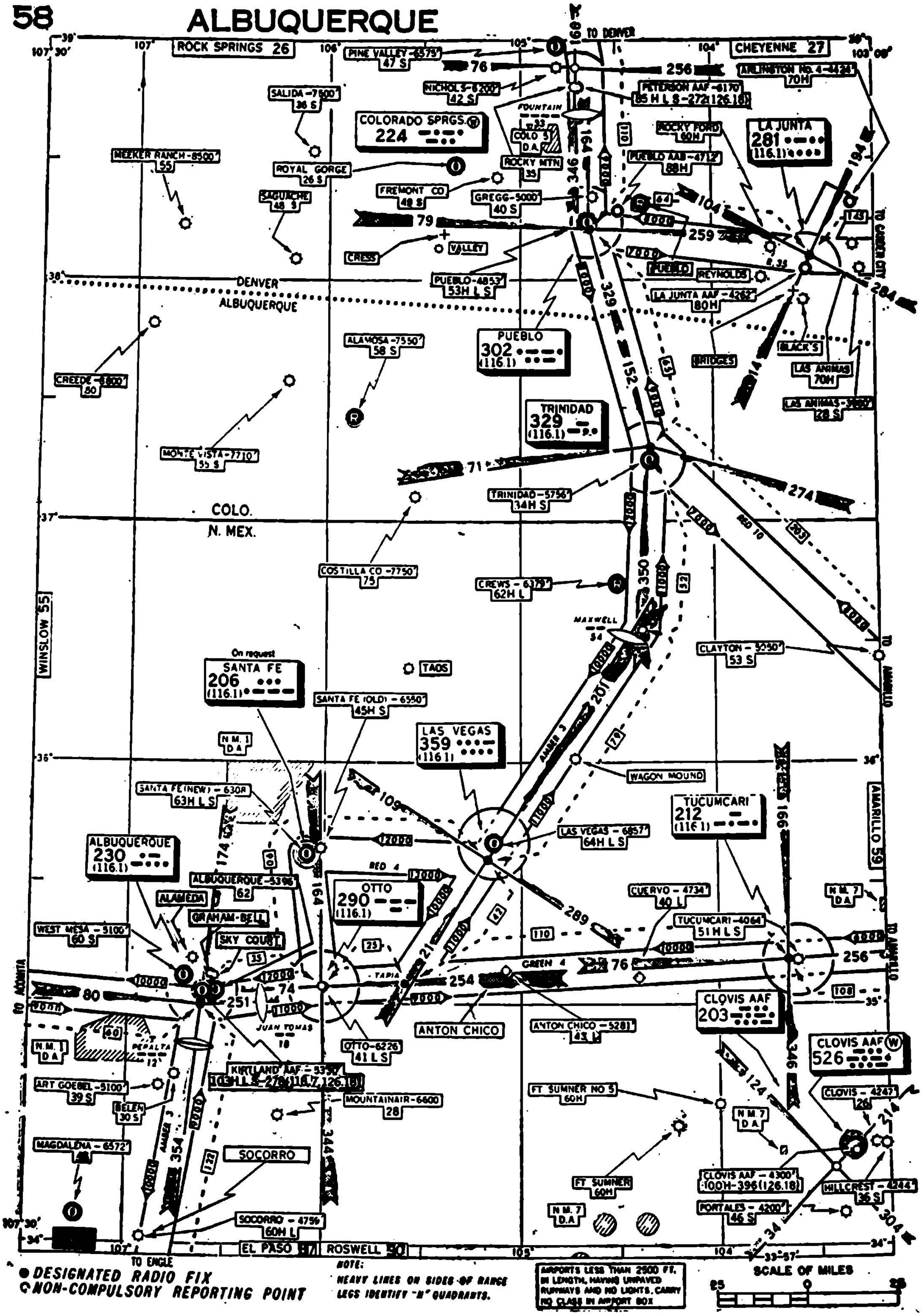
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW, CLOSED
Black's (La Junta)	4.8 S;riv 5 S	4250	21	
Costilla County(Mesita)	4 E; RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAF (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS(See Spl Not.)
La Junta Bridges (La Junta)	3 SW; hwy E	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
Las Animas (La Junta)	19 NE	4119	70h	Las Animas 5.9 SSE.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N; hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS(See Spl Not.)
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

AIRPORTS — NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RPC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	30 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
Clovis	0.8 NW;RR S	4247	26	
A) Clovis AAF (A)	6.5 W; RR N	4300	100hR3	CLOSED.
P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	62h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	46	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE. Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto.Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt. SE
A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103hR3 L6 S6	73,91,100 oct. JP-1. No sto.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
SANTE FE (new)	9.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
→ Socorro	2.5 S; hwy E	4759	60h L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Fence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

ALBUQUERQUE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

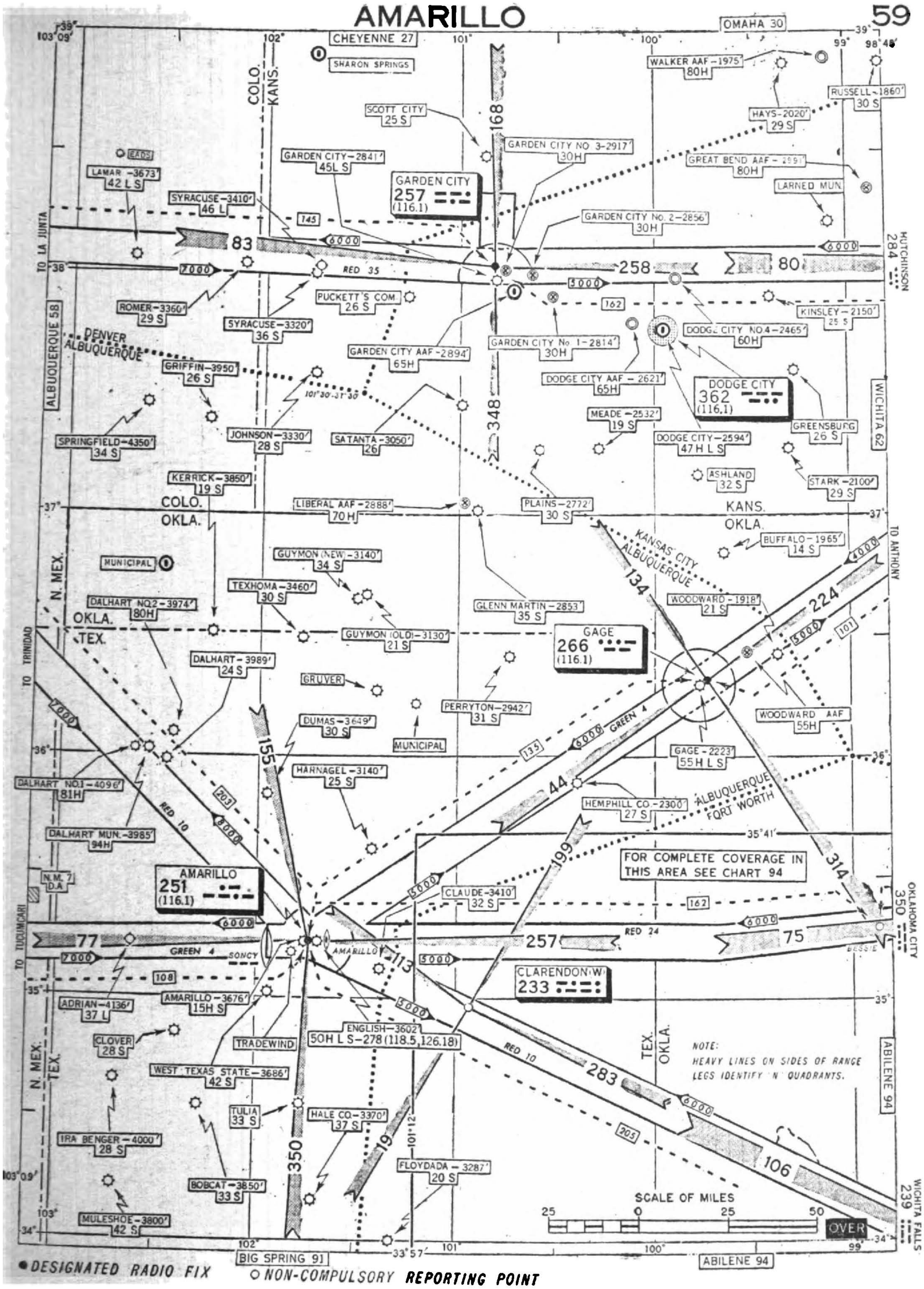
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

SCALE OF MILES

AMARILLO

59



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	362 (OD)(116.1)	MHVT	(4) -116.1
GARDEN CITY	257 (GK)(116.1)	SBRAZ-VDT:168°.3.75	(4):116.1
[redacted]			
GAGE	266 (VM)(116.1)	SBRAZ-VDT,224°,2.1	(4): 116.1
[redacted]			
AMARILLO	251 (AQ)(116.1)	SBRAZ-VDT,77°,2 to English Fld	(3): 116.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW:190°.2	
ENGLISH FIELD (Amarillo)	278 (118.5) (126.18)	AC (ILS)	(4):126.18.118.5.131.9
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)						
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH, TEX.	110.3	335	209° Mag.	IM	MM ---- (.62)	OM -- (4.35)
					MMR	OMR

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.
[redacted]				
Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
Dodge City No. 4	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN.	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Lgts prior req.
→ (A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.(SEE SPL NOT)
(A) Garden City No. 1 (A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2 (A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct.Use strips only.Pole line N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct.No sto. Poles N,S,NE.
Satanta	1 N,RR S	3050	26 S2	No fuel.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
Larned Mun.	1.6 NNE,RR SE	2012	33 S6	80,91 oct.
[redacted]				
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
Municipal (Boise City)	3 N,hwy W	4200	33	
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 36	80 oct.

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3 8 SSW;RR N	3989	94h	
Dalhart No. 1	9.7 WSW;RR, hwy E	4066	81h L	
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N. INACT:CIVIL FACS
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct. Poleline N,NW. ARMY TMP
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	31 S2	73 oct. Pole line E.
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct.Pole line N.
(P) Tulia	1.5 NNW,RR W	3500	33 S1	73 oct. Pole line NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
Tradewind (Amarillo)	1.5 SE	3636	30 S6	Data not verified. (Texas)
Gruver,Tex.	0.7 WNW,RR E	3200	40 S1	80 oct.P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.

RADIO — KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MHVT	(4);116.1
CASSODAY (Int.)	239 (CY)	MHT	(4)
HUTCHINSON	284 (HN)(116.1)	BMRLZ-VDT;350°3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM; 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL (Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAP	396(116.1)(126.18)	CA(ILS);170°,5.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-VDT	(3);116.1
Wichita Airport	278(126.18)(118.7)	AC(ILS);167°, 1.0	(4);131.9,126.18,118.7
[redacted]			
MEID(Army)	209 (DMD)	BMRLZ	(3); 126.18
Enid AAF	396 (126.18) +	CA; 214°,3.7	(3); 126.18)
PHILLIPS ARPT(Bartlesville)	278	CI	3105 (On req)
PONCA CITY	368(PC)(116.1)	MHVT	(4); 116.1
RED FORK FM	(- - -)	FM, 325°,13.7	Tulsa
SKIATOOK FM	(- - - -)	FM, 298°,17.8	Tulsa
TULSA AIRPORT	278(126.18)(118.5)	AC	(4);131.9,113.5,126.15

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SMOKY HILL AAF, KANSAS	109.9	333.8	123° Mag.	IM (.19)	MM ·····(.69)	OM -- (4.20)
					MMK	OMK
WICHITA, KANS.	110.3	335	2° Mag.	IM ·····(.05)	MM	OM -- (5.37)
					MMK	OMK

S-Steml. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct.No sto.Port lgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct.Poleline S,SW.Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct. Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 R1 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S1	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
Eureka	3.2 E; RR N	1100	21	Pole line S.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
→ Herington (AAF)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; riv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct.Trees S,SW. Obsts
Kiowa Flying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.

AIRPORTS — KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E.
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
Newton	4 ENE; rd S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
Pratt	4 N; hwy E	1960	80h	
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct. Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91,100 oct. No sto. (A) S.
South (Winfield)	14 SSW	1230	40h	
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91,100 oct.50' pole N.
Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt acft only.Pwr line N.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.
Janssen Skytel (McPherson)	1.5 SW;hwy N	1500	22 S6	80 oct Hi-line W; poles E

AIRPORTS — OKLAHOMA

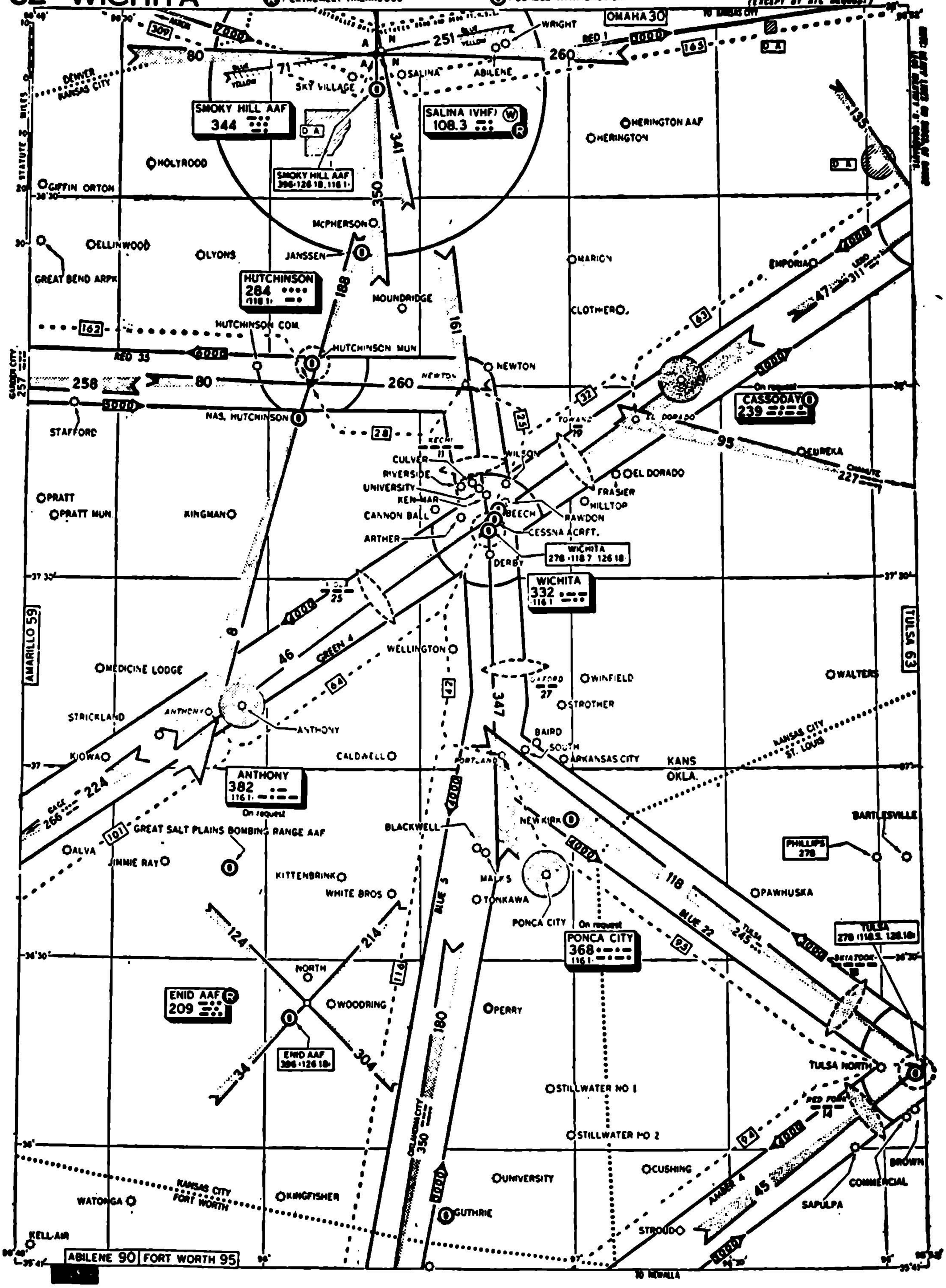
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h R2 L5 S4	73,100 oct.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts. Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A,N)TULSA AIRPORT	6.2 NE;RR S	674	71h R2 L5 S6	73-100 oct. NATS,NAPC.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE.
University (Langston)	1 S; rd N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S.
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req.
Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.

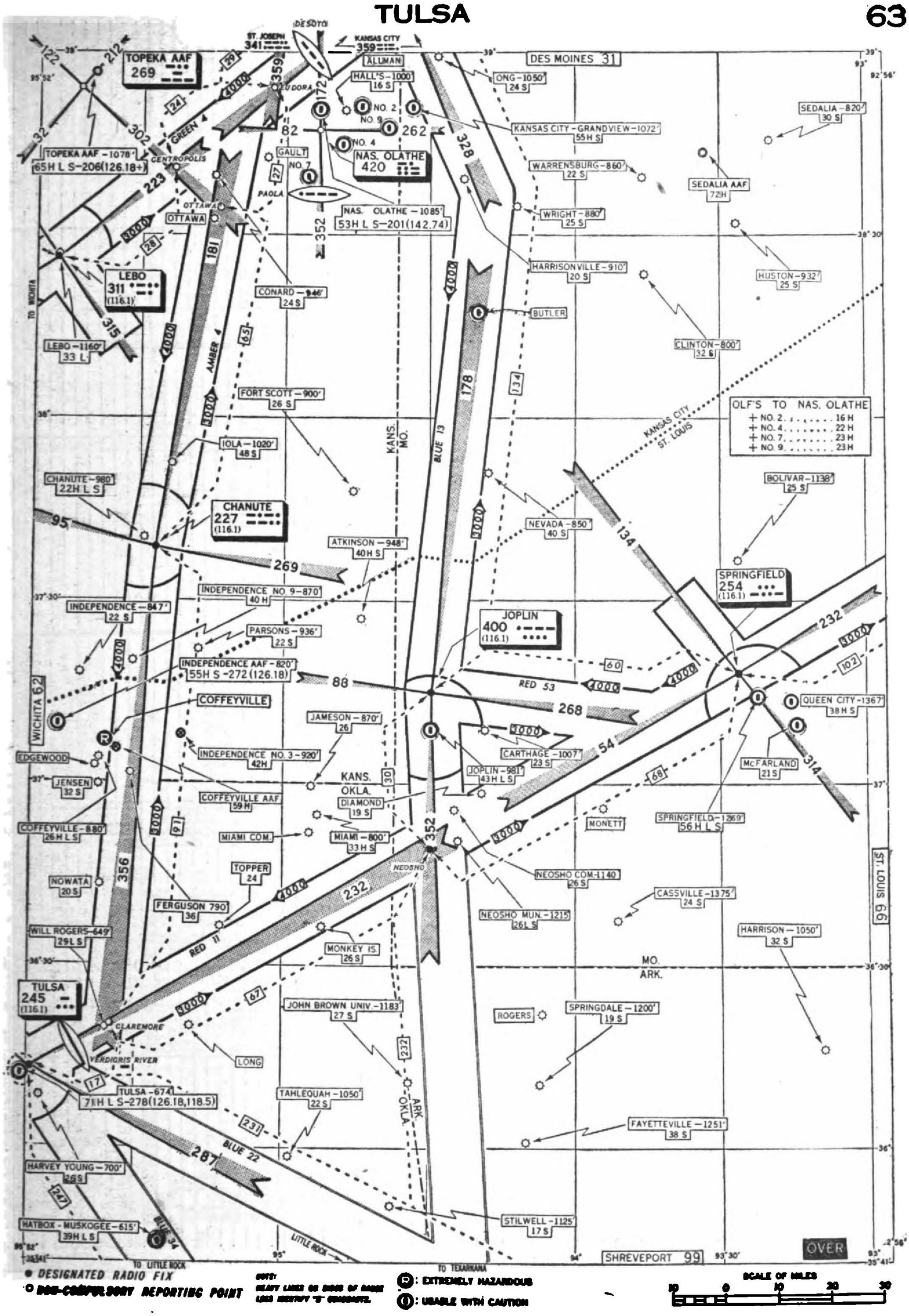
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

62 WICHITA

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)




DES MOINES 31
TOPEKA AAF 269
TOPEKA AAF – 1078'
65H L S–206(126.18+)
LEBO 311 (116.1)
LEBO – 1160'
33 L
CHANUTE 227 (116.1)
CHANUTE – 980'
22H L S
INDEPENDENCE AAF – 820'
55H S –272 (126.18)
INDEPENDENCE – 847'
22 S
INDEPENDENCE NO. 9 – 870'
40 H
INDEPENDENCE NO. 3 – 920'
42H
COFFEYVILLE
COFFEYVILLE AAF
59 H
COFFEYVILLE – 880'
26 H L S
JENSEN
32 S
EDGEWOOD
NOWATA
20 S
WILL ROGERS – 649'
29 L S
TULSA 245 (116.1)
TULSA – 674'
71H L S–278(126.18,118.5)
HARVEY YOUNG – 700'
26 S
HATBOX – MUSKOGEE – 615'
39H L S
WICHITA 62
ST. JOSEPH 341
KANSAS CITY 359
DE SOTO
ALUMAN
HALL'S – 1000
16 S
NO. 2
NO. 9
NO. 4
NO. 7
GAULT
EUDORA
NAS. OLATHE 420
NAS. OLATHE – 1085'
53H L S–201(142.74)
PAOLA
OTTAWA
CONARD – 946'
24 S
FORT SCOTT – 900'
26 S
IOLA – 1020'
48 S
ATKINSON – 948'
40H S
JAMESON – 870'
26
MIAMI COM.
MIAMI – 800'
33 H S
DIAMOND
19 S
TOPPER
24
FERGUSON 790'
36
MONKEY IS.
26 S
JOHN BROWN UNIV. – 1183'
27 S
LONG
TAHLEQUAH – 1050'
22 S
ONG – 1050'
24 S
KANSAS CITY – GRANDVIEW – 1072'
55H S
WARRENSBURG – 860'
22 S
WRIGHT – 880'
25 S
HARRISONVILLE – 910'
20 S
BUTLER
CLINTON – 800'
32 S
SEDALIA – 820'
30 S
SEDALIA AAF
7ZH
HUSTON – 932'
25 S
OLF'S TO NAS. OLATHE
+ NO. 2 . . . . . 16 H
+ NO. 4 . . . . . 22 H
+ NO. 7 . . . . . 23 H
+ NO. 9 . . . . . 23 H
BOLIVAR – 1138'
25 S
NEVADA – 850'
40 S
SPRINGFIELD 254 (116.1)
JOPLIN 400 (116.1)
CARTHAGE – 1007'
23 S
JOPLIN – 981'
43H L S
QUEEN CITY – 1367'
38H S
McFARLAND
21 S
SPRINGFIELD – 1269'
56 H L S
MONETT
NEOSHO COM. – 1140
26 S
NEOSHO MUN. – 1215
26 L S
CASSVILLE – 1375'
24 S
HARRISON – 1050'
32 S
ROGERS
SPRINGDALE – 1200'
19 S
FAYETTEVILLE – 1251'
38 S
STILWELL – 1125'
17 S
KANSAS CITY ST. LOUIS
KANS. MO.
KANS. OKLA.
MO. ARK.
ARK. OKLA.
BLUE 13
BLUE 22
BLUE 34
RED 11
RED 53
GREEN 4
AMBER 1
VERDIGRIS RIVER
CLAREMORE
NEOSHO
ST. LOUIS 66
TO WICHITA
TO LITTLE ROCK
TO TEXARKANA
SHREVEPORT 99
OVER
● DESIGNATED RADIO FIX
○ DOC-CONTROLLED REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF BASIC LOCS INDICATE "E" BOUNDARY.
Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-VOT, 304°,2.5	(4);116.1
COFFEYVILLE			DISCONTINUED
DE SOTO FM	(- - -)	FM; 224°, 19.6	Kansas City, Mo.
INDEPENDENCE AAP	272 (126.18)	CA	(3); 126.18 (8-20)
LEBO (Int)	311(LB)(116.1)	BMLZ-DTW, 336°, 0	(4);11[illegible].1
OLATHE (Navy)	420 (MOD)	BMLZ	
Olathe NAS	201 (142.74)	CE;352°, 2.9	(3); 142.74 (8-18)(OCA)
PAOLA FM (Navy)	(. - - -)	FM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
Topeka AAP	206 (116.1) (126.18)	CA;320°,3.4	(3): 116.1,126.18
JOPLIN	400(JH)(116.1)	BMLZ-VOT,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-VOT,134°,4.3	(4); 116.1
TULSA	243(TS)(116.1)	SBRAZ-VOT	(3); 116.1
Tulsa Airport	278 (126.18) (118.5)	AC; 225°, 1	(4);131.9,118.9,126.18
VERDIGRIS RIVER FM	(-)	FM;54°,9.6	Tulsa

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (RC)	1.5 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.
(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	50h L S6	80 oct.Part rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S5	80,91 oct.
(A) Coffeyville AAP (A)	5 NNE	743	59h	CLOSED
" mun.	2 NW;riv E	880	26h L3 S6	80 oct. Poles NW;hi-line SW. Use rnwys only.
Oswald (Ottawa)	3.8 ENE;RR S	940	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Fergason Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (RC)	1.4 WSW;hwy S	1070	39	
Gault (Wolfeville)	0.8 NNE;RR W	1020	20 S1	80 oct.Trees E.
Girard	1.7 WNW;RR E	950	24	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line E.
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAP (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
" #3	24 NNE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 ENE;rd E	1020	48 S6	73,80 oct.
" Lebo Int.39,AG-LE	6 NNE;RR E	1160	53 R1 L3	
Linder (Garnett)(RC)	2 NW;hwy S	1000	24	
(A) Olathe NAS (A)	5.2 SW;RR W	1065	52h R2 L5 S6	100 oct.
(A) " OLF #2 (A)	5 NE	1090	46h	INACTIVE.5 W of Stanley.
(A) " OLF #5 (A)	10 E	1050	45h	1.5 NE of Bucyrus.INACTIVE.
(A) " OLF #7 (A)	16 NNW	880	45h	5.5 W of Hillsdale.INACTIVE.
(A) " OLF #9 (A)	11 SE	1070	43h	1 W of Stilwell.INACTIVE.
Ottawa	5.3 E;RR W	974	32	

L-land surfaced runways. R-radio facility. L-lighting facilities. S-servicing. (See map 1110)(RC)-Not charted. → NEW OR REVISED DATA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAP (A)	6 S;RR W	1078	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5 WNW;hwy N	900	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 WNW;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.
Bolivar	1.8 WSW;hwy W	1138	25 S2	80 oct.Poles N.
Branson (RC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline
Caseville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW. W,SW.
Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,NE.
(P) Grandview (Kansas City)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lights prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE;RR N	981	53h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1180	26 S1	80 oct.Poles SW.
" mun.	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles E,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
Queen City (Springfield)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req.
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) AAP (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP INACT NO PACS(See Spl Not.)
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 WNW;hwy SW	880	25 S1	80 oct.Pole line S.
Butler	1.5 N		25 S2	80 oct. Data unverified.
Monett	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD	6.5 WNW; RR NW	1269	56h R1 L5 S5	80,91,100 oct. JP-1
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hotbox (Muskogee)	2.7 W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Moseley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stilwell	1.5 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
→ Tonner (Vinita)	3.9 SW;RR ESE	800	24	
(A,N) TULSA AIRPORT	6.2 NE; RR S	674	71h R2 L5 S6	73-100 oct. MAFF,MAPC.
Will Rogers,36, AG-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.

ST. LOUIS

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	

MISSOURI

COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV,89°,3.9	(4),116.1
NEW FLORENCE (Int.)	385 (ST)(116.1)	MHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)	SBRAZ-DTX,256°.2.2	(4)
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY	344(OM)(116.1)	BMRLZ-VDT,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

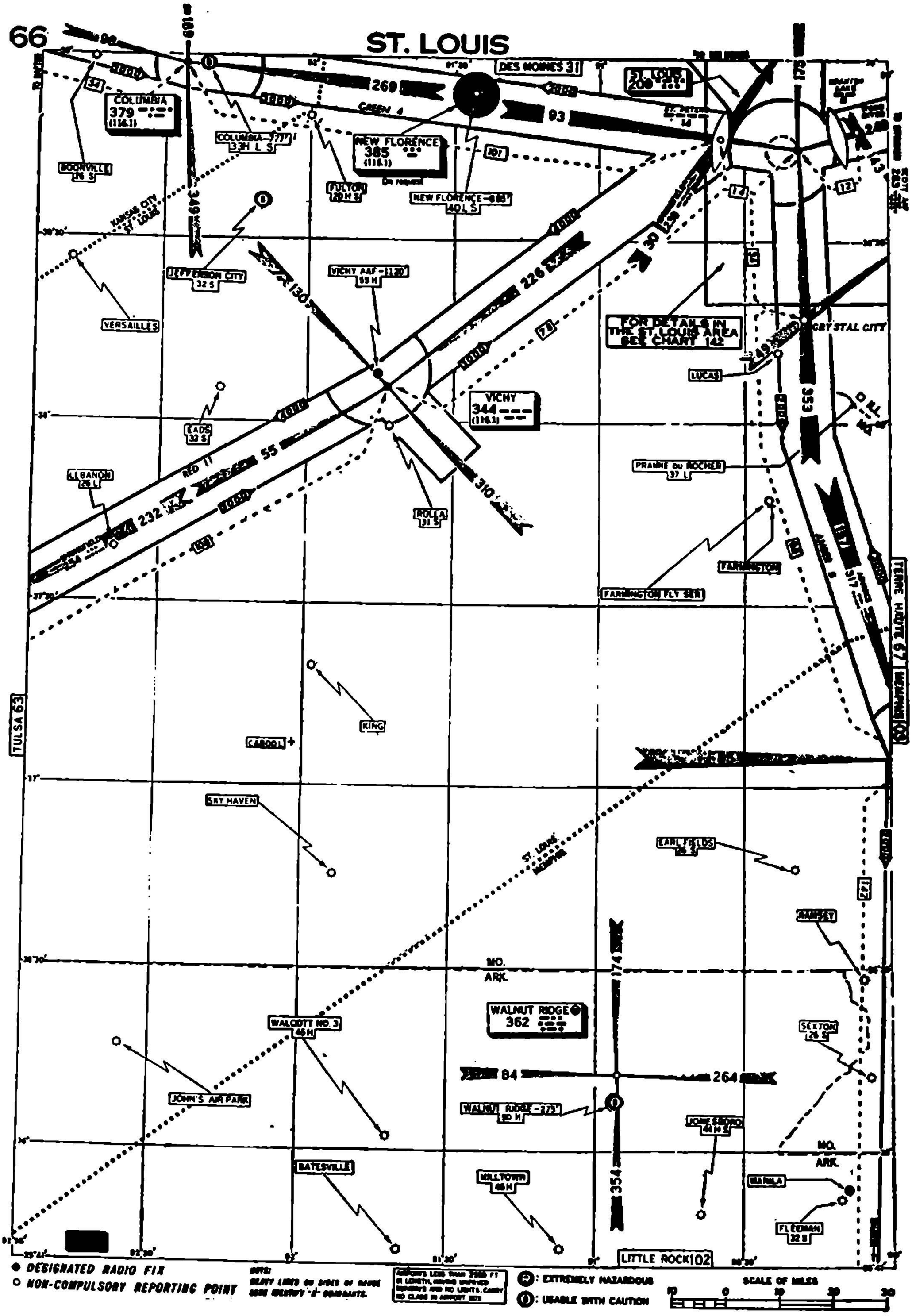
ARKANSAS

AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE, hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
Walcott #3 (Walnut Ridge)	14 ESE	285	45h	1.5 W of Walcott
Walnut Ridge	4 NE,RR SE	275	50h	
* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

MISSOURI

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,riv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80 oct. No sto.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19.	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct.Port rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW:RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
(A) Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED
Cabool (Mo.)	0.8 SW		18 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) (NC)-Not charted. → NEW OR REVISED DATA


ST. LOUIS
DES MOINES 31
ST. LOUIS 209
COLUMBIA 379 (116.1)
COLUMBIA 33H L S
NEW FLORENCE 385 (116.1)
NEW FLORENCE -685' 40 L S
FULTON 20H S
BOONVILLE 26 S
KANSAS CITY
JEFFERSON CITY 32 S
VERSAILLES
VICHY AAF -1120' 55 H
VICHY 344 (116.1)
EADS 32 S
LEBANON 25 L
ROLLA 31 S
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 142
CRYSTAL CITY
LUCAS
PRAIRIE DU ROCHER 37 L
FARMINGTON
FARMINGTON FLY 2418
TERRE HAUTE 67
TULSA 63
KING
CARROLL
SKY HAVEN
ST. LOUIS MEMPHIS
EARLE FIELDS 26 S
MO.
ARK.
WALCOTT NO. 3 46 H
WALNUT RIDGE 362
JOHN'S AIR PARK
BATESVILLE
MILLTOWN 46 H
WALNUT RIDGE -375' 30 H
JONESBORO 44 H S
MANILA
PIGGOTT 32 S
LITTLE ROCK 102
269
93
226
232
55
130
310
84
264
354
353
249
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES

TERRE HAUTE 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

PEORIA
MORTON
PEKIN
BLOOMINGTON
TO JOLIET
CHICAGO 34
RUSSELL'S
BLOOMINGTON
CHANUTE AAF 365
CHANUTE AAF 396 (126.1B)
CHICAGO CINCINNATI
ATTICA
LAFAYETTE 227
50
STATUTE MILES
CLINTON
MEDBERY
ILLINI
CHAMPAIGN
DANVILLE
CORK
VERMILION
HIGHLAND
UNIV OF ILLINOIS
CHICAGO
ST. LOUIS
DECATUR
DECATUR (NEW)
DECATUR PARK DISTRICT
KINGMAN
JORDAN
ILL IND
SPRINGFIELD 239
FLECK'S LAKEVIEW
MC COY
COOPER
ALLEN
MOODY
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
HULMAN
PAUL S COX
MATTOON
CHARLESTON
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
GREEN 4
EFFINGHAM
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 142
HILLSBORO
H AND S
DES MOINES 31
ST. LOUIS 66
WOOD RIVER
ST. LOUIS 209
VANDALIA MUN.
SMITH AVIATION
EFFINGHAM CO.
HIGHLAND-WINET
JAMESTOWN
LECKRONE
FLORA
CYRIL LEBERT
SCOTT AAF 263
B AND K FLY SER
BECKERMAN
MT VERNON
NASHVILLE
WHITE CO
DU QUOIN
ST. LOUIS CINCINNATI
EMISON
GEORGE AAF
SCHILT
O'NEAL
PRESBYTERIAN NO.3
ILL IND
WASHINGTON MUN.
WASHINGTON
LINTON
EVANSVILLE 233 (116.1)
TO LOUISVILLE
IND KY
FERGUSON
OWENSBORO
EVANSVILLE 278 (118.5)
HENDERSON
MADISONVILLE
STURGIS AAF
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
ILL MO
ST. LOUIS MEMPHIS
MEMPHIS 103
OVER

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-VDT,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,1.8	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)

INDIANA

EVANSVILLE	233 (EV)116.1)	SBRAZ-VDT	(3);116.1
Evansville Airport (old)	278 (118.5)	C, 177°, 5.5	(4):126.1,118.5,131.9
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-VDT;182°, 0 Paul Cox	(4): 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E,RR N	875	33 L1 S6	80,91 oct. Pole line N, NW.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW,RR SW	753	28 L S4	73 oct.Range lgts.Appchs blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW,hwy E	690	26 S6	80 oct.Use marked areas.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	24 S4	80 oct. Appchs blocked by poles.
Decatur	4 NW	678	29 S6	80 oct.
Decatur Park District	4 E,RR,hwy S	679	53h S6	80,91 oct.Pole line N,SW,NW.Hwy data unver.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S	454	26 S2	73 oct, 25' poles S.
Effingham Co. Memorial	3.6 S,hwy W	585	30 S4	80 oct.
* Effingham Int,10,LS-ID	2.5 N,RR E	607	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	80 oct. W blocked.
Flora	1.1 WSW,RR N	490	27 S1	80 oct. Trees, poles N.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.0 NE,RR S	535	24	Pole line S.
Illini (Urbana)	2 NNE,hwy SE	740	26 S6	80 oct. Trees E.
Leckrone (Salem)	1.9 NW,hwy S	545	39 S6	80,91 oct. Use strips only.
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	26 S4	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N;bldg NE
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5NNW:RR,hwy E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) (NC)-Not charted. ⟶ NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S1	80 oct.
Smith Aviation (St.Elmo)	1.3 SW,RR NW	647	20 L1 S2	80 oct. Poles N, NE.Rnwy data unver
(P) Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S4	80, 91 oct.
Vandalia	4.4 NW	532	39h L2 S2	80 oct.
Vermilion (Danville)	4 E,hwy S	650	21 S2	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Mount Vernon	2.5 ENE,RR S	465	37 L S6	80,91oct.Data unver.Temp port lgts.
Taylorville	1 SW		26 S6	80 oct. Data unverified
Hillsboro	1 NE	630	25 S4	Data unverified
Schilt (Olney)	1.5 E;RR S		30 S1	80 oct. Data unverified
Nashville	1 E;lake W		20 S1	80 oct. Data unverified
Casey	1 NW		26 S2	80 oct. Data unverified

[redacted]

Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
Emison (Oaktown)	3.6 WSW	425	45h	
EVANSVILLE (old)	5 NE; bet RRs	385	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE; RR N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	3.5 N		33 S1	80 oct.Use NE/SW strip.Data unver.
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S,riv W	485	27 R1 S4	80, 91 oct. Stacks NE.
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. Use strips only.
Owensboro	2.5 ENE;RR NW	484	26 S6	73, 91 oct. No sto.
(A)Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.
Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.

INDIANAPOLIS

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-VDT	(3) 116.1
Indianapolis Airport	278 (126.18, 118.9)	AC (ILS); 82°,3.2	(4); 131.9, 126.18, (4).116.1 118.7
LAFAYETTE (Purdue University)	227(LFY(116.1)	BMRL-VDT 50°,2.4	DECOMMISSIONED
← MILROY (Int.)			
MORGANTOWN FM	(- -)	FM, 177°, 22	Indianapolis
← STOUT (Indianapolis)	396	CA	6495 (9-18)

KENTUCKY

BOWMAN FIELD (Louisville)	278 (126.18) (118.3)	AC	(4); 116.1, 131.9, 126.18, 118.3
EASTWOOD FM	(- -)	FM, 89°, 9.4	Louisville
GODMAN (Fort Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272 (126.18)	CA; 172°, 3.1	(3); 126.18 (6-24)
LOUISVILLE (Bowman)	359 (LV)	SBMRLZ-DTX,269°, 1.4	(3)
SHEPHERDSVILLE FM	(- - -)	FM, 180°, 18	Louisville
SULPHUR FM	(. . - - -)	FM, 227°, 70	Cincinnati, Ohio
UNION FM	(- - -)	FM, 227°, 24	Cincinnati, Ohio
← WARSAW (Int.)			DECOMMISSIONED

OHIO

CINCINNATI (Lunken)	335 (CC)	SBRAZ-DT,227°,5.2	(3)
DAYTON	245(DY)(116.1)	SBMLZ-VDT	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC(ILS);90°,3.3	(4); 131 9.126.18, 118.9
FAIRFIELD FM (Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 6.8	Cincinnati
LUNKEN (Cincinnati)	227 (126.18, 118.7)	AC	(4);116.1,131.9, 126.18,118.7
PATTERSON (Fairfield) (Army)	379 (DPK) (116.1)	SBMRAZ-VDT	(4); 116.1
Patterson Field	396 (126.18) +	CA(ILS),32°,2.96	(4); 126.18 (GCA)
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495,126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Dayton, Ohio	110.3	335	55° Mag.	LM- ····· (.05)	MM-	OM- -- (4.4)
					MMK-	OMK-
Indianapolis Ind.(L6)	109.9 ···	333.8	44° Mag.	LM- ····· (.05)	MM- ·-·- (.89)	OM- -- (4.3)
					MMK- 201 ·-·-(.89)	OMK- 219 ···· (4.3)
Patterson, Ohio	108.7	333.8	210° Mag.	LM- (.09)	MM- ·····(1.5)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker. (3)-3105 4495 6210 kcs. (6)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice +, - Army A.C.S. transmits on and guards 116.1, 137.85, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct.Port rnwy lgts.
Anderson	3.5 SE;RR NE	875	27 S6	80 oct.p-line NE;trees E.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct.Info. unverified.
(A) Atterbury AAF(Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT NO FACS (See Spl Not.)
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct.Poleline W.Info. unverified.
Bedford	3.5 SE	682	19 S2	Ltd 73 oct.Rnwy data
Black Hawk (Sheridan)	5.3 N;hwy E	600	16 S1	Ltd 73 oct. unver.
(P) Bloomington	5 WSW;RR SE	840	40 L S2	73,80 oct.Port rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct.Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120' tank SW.
Brightwood(Indianapolis	3.7 NE;rd S		44 S4	80 oct.Data unverif.
Brownsburg	1.5 SSE;RR N	650	20 S1	73 oct.Poleline S.
Bunker Hill	1.8 W;RR N	798	50h	
Bush (Jeffersonville)	3 NE		20 S2	80 oct.Inf.unverified.
Bush (Ramsey)	1.5 WSW;hwy N	580	10 S1	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	23 S4	80 oct.
Columbus	4.5 SSW	616	45h S4	80 oct.No sto.
Coxey's (Winchester)	1 ESE;hwy N	1088	16 S4	80 oct.
Crawfordsville	4.5 SSW;hwys E, W	850	37 S4	80 oct. No sto.Info. unverified.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	1.8 SSE;hwy NE	850	23 S4	80 oct.Data unverif.
Farmers (Greenfield)	9 NW		26 S2	73 oct.Info. unverif.
Fortville	2.8 E;rd N	740	15 S1	Ltd 73 oct.Trees SSW.
Franklin Fly.Field	4 S;riv S	745	22 S2	80 oct.Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	TMP INACT NO FACS
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	(See Spl Not.)
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	5 SE		23 S2	80 oct.Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct.Poleline S.
← Halsmer (Lafayette)	3 ESE;RR S	595	20 S6	80 oct.Poles SW.
Himes (Ladoga)	4 NW		15	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct.Pole line NE.
Howell Bros(Rushville)	2 SE;hwy SW	985	21 S4	51 oct.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg I9,LS-LV	3 S;RR E	500	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct.Exper lgtg
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct.P-line N.Lgts prior
Lapel	1 NE		13	Rough.Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	925	13 S2	80 oct.Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood(Frankfort)	2.5 S;RR W	764	20 S4	80 oct.Ditch W.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct.Data unver.
Madison Commercial	2.2 N;RR W	960	24 S2	80 oct.Poles E.
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct.No sto.Info.unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy S	832	24 L S4	73 oct.Poles E;hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct.Info. unver.
Mettel (Connersville)	2.4 NNE;RR E	950	29 S1	80 oct.
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct.Info. unver.
(P) Muncie	3.5 N;RR SW	950	31h L4 S6	80,91 oct.Lgts prior req. Rnwy info. unver.
New Castle	3.2 E; RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW;lks SE	1080	26 L S1	73 oct.Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct.Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct.Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct.Silo N;stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct.Data unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct.Pole E;trees N.
St. Anne #2 (Seymour)	2.3 NNE	750	45h	
Scottsburg	2 W		18	Info.unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct.Info. unver.
Shelbyville	3.1 S;hwy E	650	19	Poleline E.
Silent Brook (Orleans)	5 W;riv SW	650	20 S4	80 oct. Hi-line W,SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S	730	26 L S6	80 oct. Pole line E,S,SE.
Sky Haven (Bedford)	2 SSW,riv S	650	36h S4	80,91 oct.Poleline E,S. Rnwy data unverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE-SW stp.Info.unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW;RR N	915	26 S4	73,80 oct.No sto.Pwrline S.
Vevay	1 E	450	20 S2	73 oct.Tree NE corner Info. unver.
West Side (Marion)	2.5 NW;hwy S	835	26 S1	73 oct.Pole line E.
White Cloud(Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel.No sto.Info.unver.
Yorktown	1 S		22 S1	80 oct.Obsts E.Info.unver.

KENTUCKY

Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S4	80,91 oct.
← BOWMAN (Louisville)	5.5 ESE;hwy S	546	44h R2 L5 S6	73,91,100 oct.
Cool Meadow (Lexington)	4.8 N;rd W	910	28 S6	80,91 oct.No sto.Pole line SW.
* Glendale Int,75B,	0.5 NE;RR NW	702	26 L5	(DL-LV)
(A) Godman (Ft.Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct.No sto.
Goodall (Danville)	4.2 S;RR W,S	990	27 S6	80 oct.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	889	55h L5 S1	91,80 oct.Svcg days only.Ctc lgts prior req.
Paris	1.2 NNE	635	20 S1	80 oct.Ravines NE,SE.
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct.Info. unver.
Silver Lake (Frankfort)	3.2 E;hwy N	750	25 S2	80 oct.
Standiford (Louisville)	4.3 SSE;RR W	480	50h L5	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	

OHIO

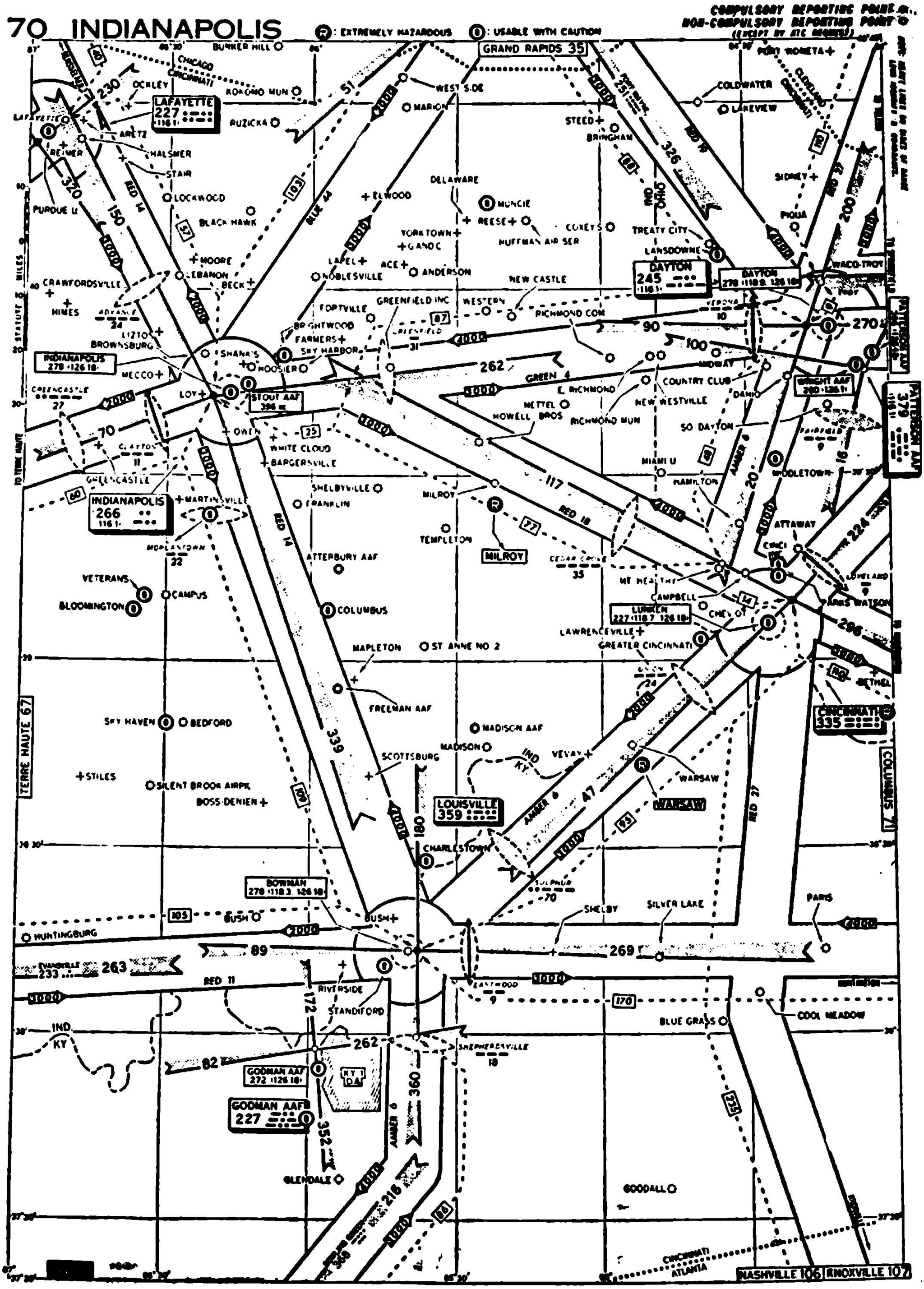
Attaway Air Ranch (Mason)	4.2 S;RR NW	830	23 S4	80 oct.No sto.Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct.Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-CD	2 NW;crk NW	898	33 L3	
Country Club (Johnsv'l)	2.9 N;RR NE	990	26	Poles N, S.
Dahlo (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON	10 N;hwy E	1000	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR SW	615	29 S6	80,91 oct.Poles S, SE. Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE;RR SW	580	18	Pole line S.
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W;trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE;RR SW	481	41h R2 L5 S6	73,91,100 oct.Bcn.ESE.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	28 S4	80 oct.Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct.Poles E;woods W.
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct.Poles E, NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	855	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
Polk Grove (Vandalia)	3.6 W;riv W	975		UNUSABLE. (NC)
Sidney	1 W;RR S		25 S2	80 oct.Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct.Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright(Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	82,73,91,100 oct.JP-1 CLOSED.
Lansdowne (Greenv'l) (Ohio)	2 ESE;RR N		19	Bldgs,hi-line N. Inf. unver.
Port Koneta (Wapakoneta) (Ohio)	2.5 NNE;RR E		26 S4	80 oct.Inf. unver.
Stair (Mulberry) Ind.	0.13 NE,hwy S	650	16 S4	80 oct No sto Pole line S Data unver
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890		80 oct. No sto. Poles W,
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	80 oct. Data unver.
← Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy Data unverified.
← Delaware (Muncie Ind)	3SW;hwy N		27	Pwr line E Data unveri

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). ← NEW OR REVISED DATA.

70 INDIANAPOLIS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

TO FORT WAYNE
DETROIT 38
CEDAR LAWN
MARION
MAGNOLIA
RED 27
TOLEDO
TO TROY
VOSS
CLEVELAND CINCINNATI
MT. LIBERTY
28
WYNKOOP
CLEVELAND
AKRON
362
211
112
282
RED 17
PITTSBURGH
NEW PHILADELPHIA
CLEVELAND PITTSBURGH
93
110
106
WELLSBURGH
COLUMBUS 391 (116.1)
AMBER 6
BLUE 15
45
COMMERCE
BRIGGS
GREEN 4
85
PITTSBURGH 254
GRIMES
17
32
OHIO STATE U.
20
SUMMIT STA
NEWARK
266
CAMBRIDGE
SPRINGFIELD
93
212
HILLIARD
10
SNOOK
RIVERSIDE
ZANESVILLE 263 (116.1)
On request
CRABILL
SPRINGFIELD
224
CLICKENGER
GROVE CITY
PRICE
15
NORTON
NEWARK
25
ZANESVILLE
PITTSBURGH CINCINNATI
272
SULLIVANT AVE.
LOCKBOURNE AAB 317 (126.18)
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-NAS 278 (118.5, 126.18, 142.74)
WASHINGTON
TRI-COUNTY
39°30'
On request
CLINTON CO AAF 201
CLINTON CO. AAF 272 nc 116.1, 126.18, 137.88, 140.58 nc
CHILLICOTHE SKYPARK
INTENSIVE INSTRUMENT TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES.
JONES
REED'S
MARIETTA
WOOD CO.
OHIO U.
STEWART
TO PITTSBURGH
MT. ORAB
26
CHERRY FORK
CINCINNATI
335
SHUMATE
RAVENSWOOD
BLUE 39
KNORE
OHIO
W. VA.
RAVEN ROCK
296
RED 18
110
MAYSVILLE
OHIO
KY
ABKEN
135
ASHLAND
HUNTINGTON
255
CLARK
101
277
ROANE CO.
ELKINS 281
163
83
109
179
CHARLESTON 400 (116.1)
BOLLINGER
RED 11
75
42
315
359
HUNTINGTON 236 (116.1)
170
140
LOGAN
W. VA.
KY.
MORRIS
SCOTT
CINCINNATI ATLANTA
INDIANAPOLIS 70
BLUE 39
PAYNESVILLE 356
PRINCETON
TO TRI-CITY
KNOXVILLE 107
CHARLOTTE 110
PITTSBURGH 74
TO LOUISVILLE
TO ELKINS
STATUTE MILES
OVER

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ CHERRY FORK (Int.)			DECOMMISSIONED
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.(GCA)
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri,or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-VDT,86°, 1.9	(3); 116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°, 25	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18,142.74)	AC	(4), 131.9, 118.5, 126.18, 142.74
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
[redacted]			
CHARLESTON	400 (KN)(116.1)	SBMRAZ-VDT	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-VDT.75°, 2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOCKBOURNE AAB, OHIO	109.9		3° Mag.	IM (.16)	MM ····· (.85)	OM -- (4.29)
					MMK	OMK
CLINTON CO. AAF, OHIO	109.5	332.6	320° Mag.	IM (.05)	MM	OM
					MMK	OMK

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Fussell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E, RR SE	535	29 S4	80 oct.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
★ → Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R2 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S1	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
(P) Huntington(Chesapeake)	2 WSW, riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker)	0.8 N;RR W	800	28 S1	80,91 oct. Hwy W.
Snook(Reynoldsburg)	1.4 NE;RR N	980	21 S6	80 oct.Pole line E;trees SW.
[redacted]				
Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
Logan	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII(NC)-Not charted. → NEW OR REVISED DATA

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18 (118.7)	AC	(4);140.1,122.3,126.18
ALTOONA (Blair Co.)	338(RP) (116.1)	SBMRAZ-VDT;203° 1.8	(4);116.1
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH AIRPORT PITTSBURGH +	396 (126.18	CA	(3);126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,124°, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 85°, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-VDT ;85°, 2.2	(3);116.1
SUMMERHILL FM	(- - - -)	FM, 281° 22	Altoona
CECIL	219(C)	FMK,265°,10.3	Pittsburgh

VIRGINIA

FRONT ROYAL	362(FZ)(116.1)	SBMRAZ-VDT	(4);116.1
GORDONSVILLE (Int)	388(GJ)(116.1)	SBMRAZ-VDT;135°2.6	(4);116.1
LYNCHBURG (Preston Glenn)	206(LB)(116.1) 248	SBRAZ-VDT C: 165°,2.1	(4);116.1 (4)

WEST VIRGINIA

ELKINS	281(EK)(116.1)	SBMRAZ-VDT:174°2.9	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRLZ-VDT;35°,2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRLZ-VDT;173°,5.6	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
PITTSBURGH, PA.			95° Mag.		MMK 201----(.80)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct.Mtns E.

OHIO

Scott (Tiltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	

PENNSYLVANIA

ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6	80-100 oct.No ctc lgts.Rdo rec req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4	80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4	73 oct.
* Buckstown Int,12B,WA-CV	1 E;hwy S	2480	23 L3	
Connellsville	4 SSW;hwy E	1250	34h S2	80,91 oct.
Cresson	1 NE;RR W	2240	25 S2	80 oct.Pole line S.
(A) Greater Pittsburgh. (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4	100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6	80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17	Poles NW.
Huntingdon	1 S;riv NE	620	20 S4	80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h	
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4	87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6	73 oct.Pole line N.NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4	80 oct. Pole line S.

h-hard-surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII) (NC)-Not charted.

NEW OR REVISED DATA

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W. unverified.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line NRnwy data
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charleroi)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Blair Co.,24A,CO-PG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

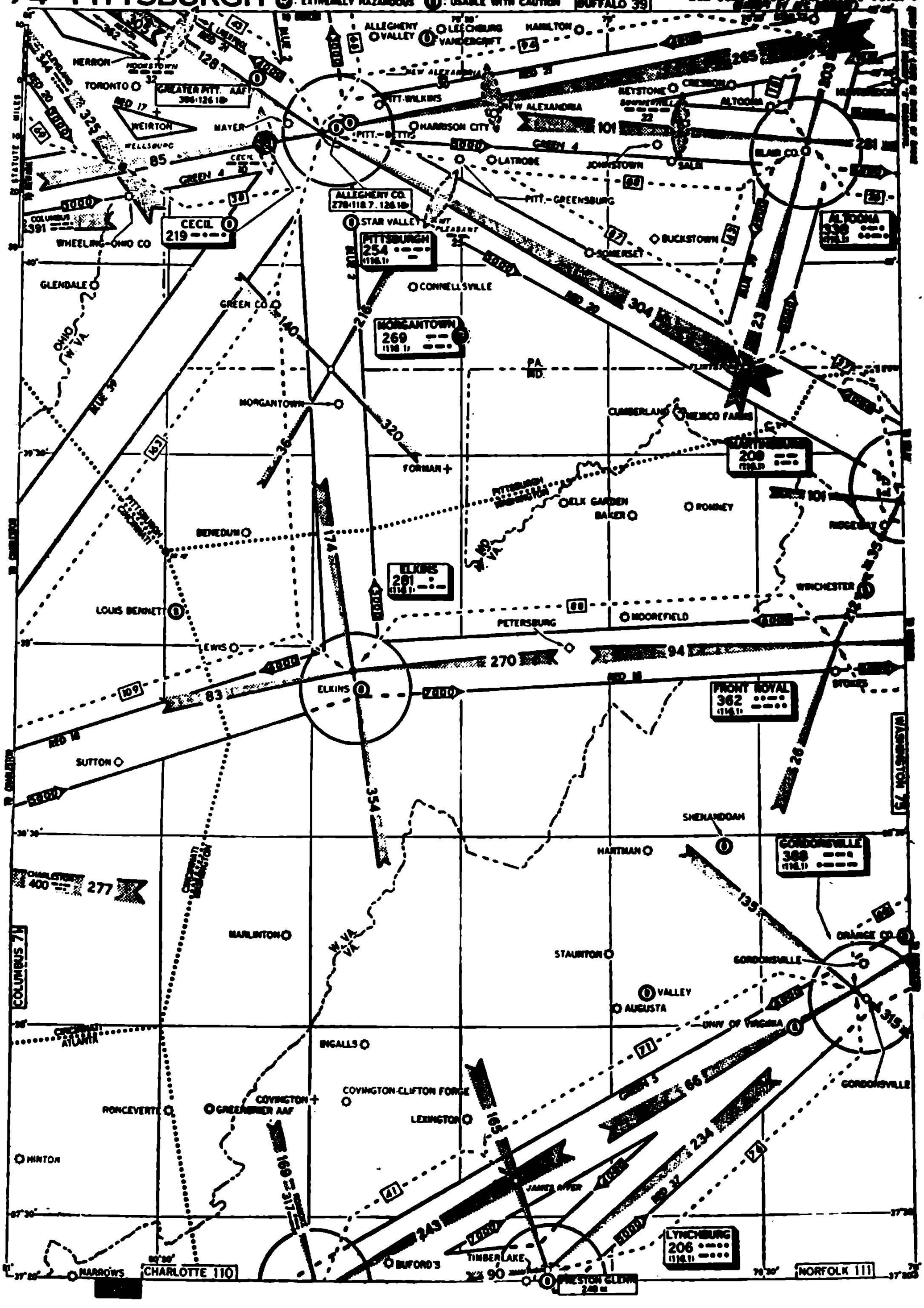
Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* " Int,51,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1200	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
Orange County (Orange)	4 E;hwy S		20	Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

Baker Airpark(Burlington)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAF (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int,29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int, 21, CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E		16 S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	All lgts prior req.
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct. Pole line NW.
Herron(New Cumberland, W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION



WASHINGTON 75

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓘ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

40°40' 77°30' 77° 75°30' 75° 37°30' 37°20' 38° 38°30' 39° 39°45' 40°

HARRISBURG 242 (116.1)
MT UNION 104
LEWISTOWN CARGILL
PHILIPSBURG 224
ALTOONA
RED 21
RED 3
PHILIPSBURG
83
349
4000
CARLISLE 18
TAYLOR
GREEN 4
ALTOONA
26
50
HARRISBURG STATE 278
SUNSET AWYS
PITTSBURGH
CHAMBERSBURG
GETTYSBURG DOERSOM
YORK
SEVEN VALLEYS
25
N.Y. WASH.
DEVENER
WAYNESBORO
HAGERSTOWN
TANEYTOWN
CAP BASE NO 332
NORTH END
MARTINSBURG
STEVENS
FREDERICK CITY
70
RUTHERFORD
PIMLICO
N BALTIMORE
RED 17
MARTINSBURG 209
281
111
137
RED 20
42
LEESBURG
HERNDON 22
BELTSVILLE 18
34
FRONT ROYAL 362
274
RED 18
48
BLUE RIDGE
FOR DETAILS IN THIS AREA SEE CHART 78
MANASSAS
WASHINGTON 332 (116.1)
ZIEGER
DC 1 DA
MCAS. QUANTICO 203
GORDONSVILLE 388
SHANNON
GREEN 5
246
RED 37
MILFORD
NORTHFIELD
WARRENTON
CENTRAL
BLACKSTONE 371
RAWLINGS
TO NORFOLK
MIDWAY
CHESTER 9
RICHMOND 260 (116.1)
RICHMOND AAB 396 (118.7, 126.18)
MT. VERNON
236
DONCASTER 25
200
110
124
314
183
29
20
AMBER 7
RED 29
352
192
60
194
SUNBURY
45
SYRACUSE 42
SCHUYKILL
76
ESTLER
KUTZTOWN
SWATARA VALLEY
WOMELSDORF
BERKS
67
PENN-HARRIS
LEBANON CO
HERSHEY
REIGEL
27
OLMSTED AAF 396 (126.18)
MIDDLETOWN
9
ALLENTOWN 320
LANCASTER
LANCASTER MUN
GREEN 4
COATESVILLE
W CHESTER
298
199
MAIN LINE
52
VALLEY
60
RED 33
LANCASTER
47
DU PONT 388
BOOTHWYN
10
109
80
AMBER 7
BELLANCA
BIGGS
PENNS GROVE
WOODSTOWN
289
ALDINO
ABERDEEN
63
NEW CASTLE 350
NEW CASTLE CO 219 (118.5)
PHILLIPS AAF 201 (126.18)
MD 1 DA
EDGEWOOD ARSENAL AAF
MARTIN 317
KENT
16
BALTIMORE 278 (118.9)
FAYBROOK
ANNAPOLIS
BALTIMORE 257 (116.1)
NAF ANNAPOLIS 2870 (142.74)
LEE ANAPOLIS
EASTON
WEBB
DC 3 PA
RED 45
RED 29
40
15
307
HARRINGTON
MD
DEL
+ BRIDGEVILLE
GEORGETOWN
REHOBOTH
SUSSEX +
NAS PATUXENT RIVER 420
NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' ABOVE M.S.L.
237
156
290
CHESAPEAKE BAY
NAF. DAHLGREN 368 (142.74)
VA 1 DA
MD 1 DA
NAS PATUXENT RIVER 347 (142.74)
MEEKINS NECK
WEBSTER
PINEY POINT
336
98
DELMARVIA
+HICKMAN
SALISBURY
RED 20
309
188
NAAS. CHINCOTEAGUE 221
NEW YORK 79
TAPPAHANNOCK
57
DAWN 25
LIVELY
+CURRELLS
172
LANGLEY AAF 230
WEST POINT
74
314
MD 2 DA
PARKSLEY
JOHNSON
MELFA
NAAS. CHINCOTEAGUE 329 (142.74)
CHINCOTEAGUE
224
KELLAM
NORFOLK 239
NORFOLK 111
TO NAS. NORFOLK
OVER

ALLENTOWN-BETHLEHEM
FOGELSVILLE
CONVAIR
BETHLEHEM-EASTON
ALEXANDRIA
4 METUCHEN
3000
57
180
RED 33
LAYFIELD
MADEIRA
NEW HANOVER
READING
SMILIN JACK
POTTSTOWN
FOR DETAILS IN THIS AREA SEE CHART 78
BLUE 20
4000
24
371 NORTHEAST
10 MT HOLLY
199
58
253
RED 3
350
PHILADELPHIA 266 (116.1)
157
KROELINGER
BUCKS
243
GREENWICH
19
69
MILLVILLE
324
MILLVILLE 365 (116.1)
DOVER AIR PARK
DOVER
DOVER AAF 396 (126.18)
STATUTE MILES
NEW YORK

RADIO

DELAWARE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOVER AAF	396 (126.18)	CA	(3);126.18 (7-19)
DUPONT ARPT. (Wilmington)	338	CI	3105,3117.5,5582.5 (8-2(daily except Sunday)
NEW CASTLE	350 (NC)	SMRAZ	
New Castle Co. (Wilmington)	219/118 .(	CI 190°,2.8	(4);118 5

DISTRICT OF COLUMBIA

WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3); 116.1

MARYLAND

ANNAPOLIS	2870(122.74)	CN	3105,2870,6427,142.74
BALTIMORE	257(O)(116.1)	BMRLZ-VDT	(3), 116.1 (7-17)
Baltimore Mun. Airport	278 (118.9)	C; 120°, 2.3	(4);118.9,122.5
BELTSVILLE FM	(-)	FM; 41°,17.6	Washington, D.C.
DONCASTER FM	(. . - . - .)	FM, 209°,24.7	Washington, D.C.
MARTIN ARPT (Baltimore)	317	CI	(4)(3-sunset,Mon-Fri.)
MEEKINS NECK FM (Navy)	(-)	FM; 570, 16	Patuxent River
PATUXENT RIVER (Navy)	420 (NHK)	BMRLZ	(3), 142.74 (GCA)
Patuxent Riv NAS	347 (142.74)	CN; 57°, 4	(3), 142.74
PHILLIPS FIELD (Aberdeen)	201 (126.18)	CA	(3);126.18 (8-18 Mon.-Fri.8 1630Sat.Sun
WEBSTER (Priest Point)	3345 (142.74)	CN	3105, 142.74 (24 hrs. adv. notice)

PENNSYLVANIA

BOOTHWYN FM	(- . -)	FM, 260°,9.5	Philadelphia
CARLISLE FM	(- . - .)	FM, 20°,8, 18	Harrisburg
HARRISBURG	242(HX)(116.1)	SBRAZ-VDT	(3), 116.1
Harrisburg State Airport	278	C; 118°, 1.1	(4), 116.1,122.5
MIDDLETOWN FM	(. -)	FM, 118°, 9	Harrisburg
OLMSTED FIELD (Middletown)	396 (126.18) –	CA	(4), 126.18
PHILADELPHIA (Southwest Arpt)	266(PG)(116.1)	SBMRAZ-VDT, 97°, 3	(4); 116.1
SEVEN VALLEYS FM	(- . -)	FM, 172°, 25	Harrisburg

VIRGINIA

ALEXANDRIA LFM	(- . -)	LFM,205°,2.4	Washington, D.C.
CHESTER FM	(- -)	FM, 218°,9.15	Richmond
CHINCOTEAGUE (Navy)	221 (NKZ)	MRLZ	3105,4495,142.74
Chincoteague NAAS	3295 (142.74)	CN; 98°, 4.5	(3), 142.74
DAHLGREN NAF PROV. GROUNDS	368 (142.74)	CN	(3); 142.74 (8-16 except Sunday)
DAWN FM	(- . - . -)	FM, 3°, 25.1	Richmond
HERNDON FM	(- . - . -)	FM, 317°, 21.8	Washington, D.C.
MOUNT VERNON FM	(. . - . -)	FM, 209°,8.2	Washington, D.C.
QUANTICO MCAS (Navy)	203 (NYG)	MRLZ-209,4.6	3105,4495
RICHMOND	260(RW)(116.1)	SBRAZ-VDT	(3); 116.1
Richmond AAB	396 (126.18) (118.7)	AC(IL6);20°,1.9	(4),122.5,118.7,126.18
MILLVILLE, N. J.	365 (NV) (116.1)	SBRA-L(V),144° (4.3	(4);116.1 Not manned cont

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Richmond AAB, Va.	109.9		63° Mag.	IM- (.17)	MM- (.80)	OM- (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice Z-VHF Range Station Location Marker (3)- 3105, 4495, 6210 kcs (4)- 3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice
+– Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DELAWARE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW,riv SE	60	21 S2	80 oct. Riv. S
Bridgeville	1.5 S	20	27 S6	80 oct.Data unver.
Dover	1.4 ENE	34	19 S2	80 oct.Poleline N
Dover Airpark	2.2 N,rd W	37	25 S2	80 oct. (See Spl Not.)
(A) Dover AAF (A)	4 SE,hwy E	28	70h R1	TMP INACT NO FACS
DuPont(Seaford)(NC)	0.8 WSW,RR NE	25	21	Poles NE PRIVATE. RESTRICTED.
DuPont (Wilmington)	3 WNW,RR E	185	29 R1 L4 S4	80 oct.No sto.
(P) Georgetown	1.5 E,RR NW	51	50h	
(P) New Castle County (Wilmington)	4.8 SW,hwy SE	75	70h R2 L5 S1	80, 91 oct.
Rehoboth Beach Aircrafters	2.5 W,hwy N	10	35 L S6	80,91 oct.Obsts sur fld. Port rnwy lgts.
Skycraft (Wilmington) (NC)	3 NE,rd N	250	15	Poles N,W,S;trees NW, SE.
Sussex (Frankford)	1 N		24 S4	80 oct.Data unver.

MARYLAND

Aldino (Churchville)	2.2 NE,RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW,bay W	25	20	Trees N
Annapolis	2 SE		18h S4	80,91 oct.No sto.Data unver.
(P) BALTIMORE MUN.	6 SE,RR NE	14	46h R2 L5 S6	80,91 oct;100 oct prior req.Rdo rqrd.
C.A.P. Base (Westminster)	2.6 N,hwy E	780	20 S4	80 oct Poleline E,NE.
Delmarvia(Salisbury)	2.8 NE,hwy W	45	21 S6	80 oct.Poleline N,E,NE
(P) Easton	2.2 N,RR E	66	20h L S4	80 oct.No sto.Port lgts.
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct No ben CLSD
Faybrook(Rock Hall)	1.5 NNW,bay W	20	14 S4	80 oct.Trees WNW, NNE
Glenburnie-Whipp	1 E,hwy W	56	26 S6	80 oct.Seaplane Anchor
Hagerstown	4.2 N,RR W	700	39h L3 S4	80 oct Fld lgts prior req
Hickman(Ocean City)	7.5 NW, riv S	15	28 S4	80,91 oct.Data unver.
Lee Annapolis(Annapolis)	4.8 WSW, hwy E	30	28 S1	73 oct.Pole line ESE
Martin(Baltimore)	10 E,RR N	18	70h R1	PRIVATE
(N) Patuxent River NAS(N)	2.9 NE Jarboes	38	97h R2 L6 S4	91,100 oct.JP-1.NATS
(A) Phillips(Aberdeen)(A)	3.2 S,RR W	57	50h R1 L5 S1	100 oct CLOSED.
Pimlico (Baltimore)	6 NW,hwy SW	449	32 S6	80,91 oct.
(N) Piney Point (N)	0.8 WNW	10	14h S1	73 oct.Use rnwys only.
Rutherford(Baltimore)	7 W,RR W	500	23 S6	80 oct. Twr N.
Salisbury	5,3 ESE	52	50h	
Shady Side (NC)	1.8 SSW	10	15	Poleline SSW RR W
Stevens (Frederick)	5.8 N,hwy E	440	28 S6	80 oct.Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct.Poleline S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.Poleline
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. S,SE. JP-1 on req.

NEW JERSEY

Alexandria (Pittstown)	2 WNW,lk NE	340	18 S4	80 oct No sto Trees NW
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct P-line S,W.
Greenwich	2.5 W,riv SW	30	21 S6	73,80 oct.Trees N.
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct.Poleline S,E
(P) Millville	3.3 SW,lk N	68	50h fl L5 S6	80,91 oct.Fld lgts on req.
Penns Grove	3 SE,riv W	10	22 S2	73 oct.Poleline W,SSW
Salem	2 ESE,rd S	15	22	CLOSED
Woodstown (Auburn)	1.5 SSE,RR E	100	20 S1	80 oct.Poleline N,NE.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE,RR NW	380	40h R1 L5 S6	80,91 oct Use rnwys only Fld lgts prior req.
Berks (Reading)	4.5 NW, hwy SW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton)	4.5 SW,riv S	360	23 S6	80,91 oct.No sto.Poleline sur fld.
Cargill (Granville)	1.5 SW,RR SE	490	23 S2	73 oct.Obsts sur fld.
Carlisle	1.8 WSW,RR N	480	23 S6	80 oct.
Centerville(Carlisle)	11.3 SW,RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	27 S6	80 oct.E, W strip rough
Coatesville	1.6 W,RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE,hwy W	590	20 S6	73,80 oct.
Doersom(Gettysburg)	2.4 NW,RR N	590	19 S6	73 oct.Pwrline NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct No sto.P-line SW

PENNSYLVANIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gettysburg	2.8 NNW	600	24 S3	80 oct.No sto.RR SW
HARRISBURG STATE	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct
Hershey	1.1 NNW,RR S	415	21 S2	80, 91 oct
Kutztown	1.5 S,RR SE	400	25 S4	73 oct
Lancaster	1.5 NNW	320	26 S6	73,80 oct.Pwrline W,NE.
Lancaster,35,CO-PG	5.5 N,hwy W	385	27h L4 S4	80 oct.Poles S,WSW, SW
Layfield(New Hanover)	2 NE,hwy W	320	17 S6	80 oct.Trees NE
Lebanon Co.(Myerstown)	1.8 W,hwy S	525	17 S5	80 oct.
Lewistown	4 SW,riv SE	560	19 S6	80 oct.Wooded hill NW.
Madeira (Reading)	3.2 N,RR W	360	20 L S6	80 oct.Port flood lgts.
(P) Mount Union	4 S,hwy E	560	30 S4	80 oct.
New Hanover	0.5 W,hwy SE	320	20 L S4	80 oct.Port flood lgts.
(A) Olmsted(Middletown) (A)	1 W,RR N	300	50h R1 L5 S6	62-100 oct.JP-1.Poles N, NE. Riv. S.
Penn-Harris(Harrisburg)	4 ESE,RR N	400	18 L S6	80,91 oct.Flood lgts.
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel.Pole line ESE.
Pottstown	4.5 E,hwy N	311	30 S6	80 oct.Bldg NW.
READING	3 NW,riv E	342	52h L6 S6	B-2 lgts prior req.
Reigel(Campbelltown)	1 N,hwy N	475	20 S4	80 oct.
Schuylkill(Pottsville)	8.3 ESE, lake SE	510	29 L S6	80 oct.Port rnwy lgts. Hills SW,E,NE.
Smilin' Jack (Douglassville)	1.3 NW,RR S	200	24 S4	80 oct.
Sunset Airways (Chambersburg)	3.5 NNE,rd E, S	650	25 S1	80 oct.Pole line E,NNW
Swatara Valley (Pine Grove)	4 WSW,RR N	480	21 S4	80 oct.
Taylor(New Kingston)	0.5 SE,hwy N	440	28 S6	80 oct.Pole line N.
Valley Arpk (York)	3 ENE,RR N	420	21 S6	80 oct.Poles SSE,NNW.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct.
Womelsdorf	3 NW,hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct.Floodlgts.Pole N

VIRGINIA

Blue Ridge(Herndon)	4 WSW,hwy NE	280	30	Poleline E
Central (Richmond)	2.5 ENE,RR W	172	45 S6	80 oct.Poles WNW,SE
(N) Chincoteague NAAS	4.5 WNW,hwy S	38	60h R2 L5 S4	100 oct. (N)
(N) Dahlgren NAF Proving Grounds (N)	0.5 E	20	40h R1 L5 S2	100 oct CLOSED
Harcum (NC)	0.2 NW	85	35	Poles,trees sur fld.
Hermitage(Richmond)	3.2 NNW,RR W	200	20 S6	80 oct.Trees,poles E,W
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Kellam(Weirwood)	0.3 SW,RR E	15	20 S1	73 oct.Trees NE,SE.
Leesburg Airpark	0.7 ESE	280	26 S6	80 oct.Poleline NE.
* Lively Int,6,NW-WA	3.4 WSW,riv W	15	34 L3	35 trees,bldgs NW.
Manassas	2.7 NW,RR S	250	21	Pole line SW,SSE.
Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct,20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S,RR W	134	26 L3	40 trees S,NE,SW
Northfield(Richmond)	3 N,hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
(A) RICHMOND AAB(A)	7.3 ESE,RR S	167	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE,riv E	50	23 S6	80 oct.
Tappahannock Figt Strip	0.8 W	30	40h	8000' strip avail.
West Point	2.3 ESE	24	50h S4	80,91 oct.Riv SSW.
Zieger(Warrenton)	3.7 S,hwy NE	440	20 S2	80 oct.Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S,hwy W	550	50h R1 L5 S6	80, 91,100 oct.
North End (Martinsburg)	2.5 NNE,RR W	515	28 S2	80 oct.Pole line N.
Currell s (Weems,Va	1 N,dct of riv		17 S1	80 oct.P-line SE. Use strips only. Data unver.
Harrington (Del.)	1.8 E; RR W	50	25	
Kent (Worton,MD)	1 N; RR S	60	23 S2	80 oct.
Johnson(Ononcock,Va)	1 ESE;RR E	34	22 S1	80 oct.
West Chester (Pa.)	2.5 NE;lake S	470	32 S4	80 oct.
Aberdeen Arpk (Md.)	1 SW		21 S4	80 oct. Data unver.
Frederick City (Frederick,Md)	1.8 E;riv N,E	305	49	

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page X)(1) NC (not charted) → New or revised data

PHILADELPHIA—WASHINGTON

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS (Washington)	251(142.74)	CN	(3);142.74(7-sunset and on req.)
BOLLING FIELD (Washington)	219(126.18) (137.88)+	CA	(3);126.18,137.88
WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3);116.1
Washington Nat'l Arpt.	278(126.18) (118.5)	AC(ILS);25°,0.9	(4);118.5,126.18,131.9

MARYLAND

ANDREWS FLD (Camp Springs)	317(126.18)+	CA	(3);126.18 (GCA)
BELTSVILLE FM	(-)	FM, 41°,17.6	Washington, D. C.
DONCASTER FM	(. . . . . -)	FM, 209°,24.7	Washington, D. C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
HOLMESBURG LFM	(- - -)	LFM, 238°,6.5	NE Philadelphia
JOHNSVILLE AIRPORT	203 (142.74)	CN	3105 cont,4495,6210;116.1,126.18, 140.58,142.74 on req (8-1/2 hr past sunset)
MUSTIN NAAF (Philadelphia)	251(126.18) (142.74)	CN	(3):126.18,142.74 (7-sunset,other hrs req on request.)
PHILADELPHIA (SW Arpt)	266(PG)(116.1)	SBMRAZ-VDT;97°,3	(4); 116.1
Philadelphia NE Arpt	278	CI	(4)
Philadelphia SW Arpt	278(118.1)	CI	(4);118.1
NE Philadelphia Range (Phil. NE Arpt)	371 (NP)	MLWZ-DT,238°,2.8	
WILLOW GROVE (Navy)	391 (NXX)	MRLZ	(3); 142.74
Willow Grove NAS	356 (142.74)	CN, 241°,3.35	(3);142.74 (days only except on 1 hr advance notice)
WINGS FIELD (Ambler)	278	CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D. C.
HERNDON FM	(- - - -)	FM, 317°,21.8	Washington, D. C.
MOUNT VERNON	236 (W)	FMK, 209°,8.2	Washington. D. C.
MOUNT VERNON FM	(. . . . -)	FM, 209°,8.2	Washington, D. C.
QUANTICO (Navy)	203 (NYG)	MRLZ	3105, 4495
Quantico MCAS	3295(142.74)	CN; 20°,4.6	(3); 142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WASHINGTON, D. C.	109.9	333.8	360° Mag.	IM ·····(.03)	MM	OM --(3.60)
					MMK	OMK

.S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Column Indicate VHF Voice.**

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS(Washington)	2.4SE Monument	8	60h R1 L5 S4	100 oct. No ben. (N)
(A) Bolling(Washington)(A)	3 SSE Monument	20	60h R1 L5 S6	73,100 oct.JP-1.Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct.JP-1 req. Rdo rec req.730°Rdo Twr,6.2 NW. FOREIGN CLEARING STA.

MARYLAND

(A) Andrews (Camp Spring)(A)	1.5 E	279	55h R1(L6)S4		80,100 oct. JP-1
(N) Beltsville OLP (N)	5 ESE	180	40h		Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20	S4	80 oct. Pole line S.
College Park	8.5 NE of D.C	50	22	S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr (Croom)	3 E; RR W	40	20		Trees N,NNW
Congressional (Rockville)	2 SSE;hwy E	450	32	S6	80 oct. Pole line E,NE.
Curtis (Brandywine)(NC)	3 SSW;RR E	200	18		Pole line N,W.
Erco (Riverdale)	0.4 NE; RR W	50	38	S1	80 oct. Trees E,NE,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

MARYLAND

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A) Ft. Meade (A)	0.5 NE ctr rer	180	20h	
Hyde (Clinton)	2 WSW	249	32h S6	80,91 oct. Trees WNW,NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30 S1	80 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW,SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18	S6	73 oct. Pole line NNE,SSE.
Bridgeport	0.8 ESE; RR N	23	18	S4	80 oct.
Burlington Airpark	1.7 NE		24	S4	80 oct. No sto.Data unverified.
Central (Camden)	1.8 E;riv S,W	20	25h		Open to private flying.
Echelon (Ashland)	0.5 SE;RR W	100	27	S6	80,91 oct. Pole line NW.
MARLTON-MEDFORD INC (Marlton)	1.5 ENE	80	30	S2	80 oct.
Mercer County,new (Trenton)	5 NW; RR SE	211	40h		
Mercer County, old (Trenton)	5.8 NW;RR E	200	25	S1	73,80,91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35	S6	80 oct.No sto.Obsts sur fld.
→ Moorestown	1 NNE; RR S	70	18	L S4	80 oct.Port. rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17	S6	80 oct. Pole line S,SSW.
Triangle (Glassboro)	4.3 ENE	150	18	S2	80 oct. Pole line SW.

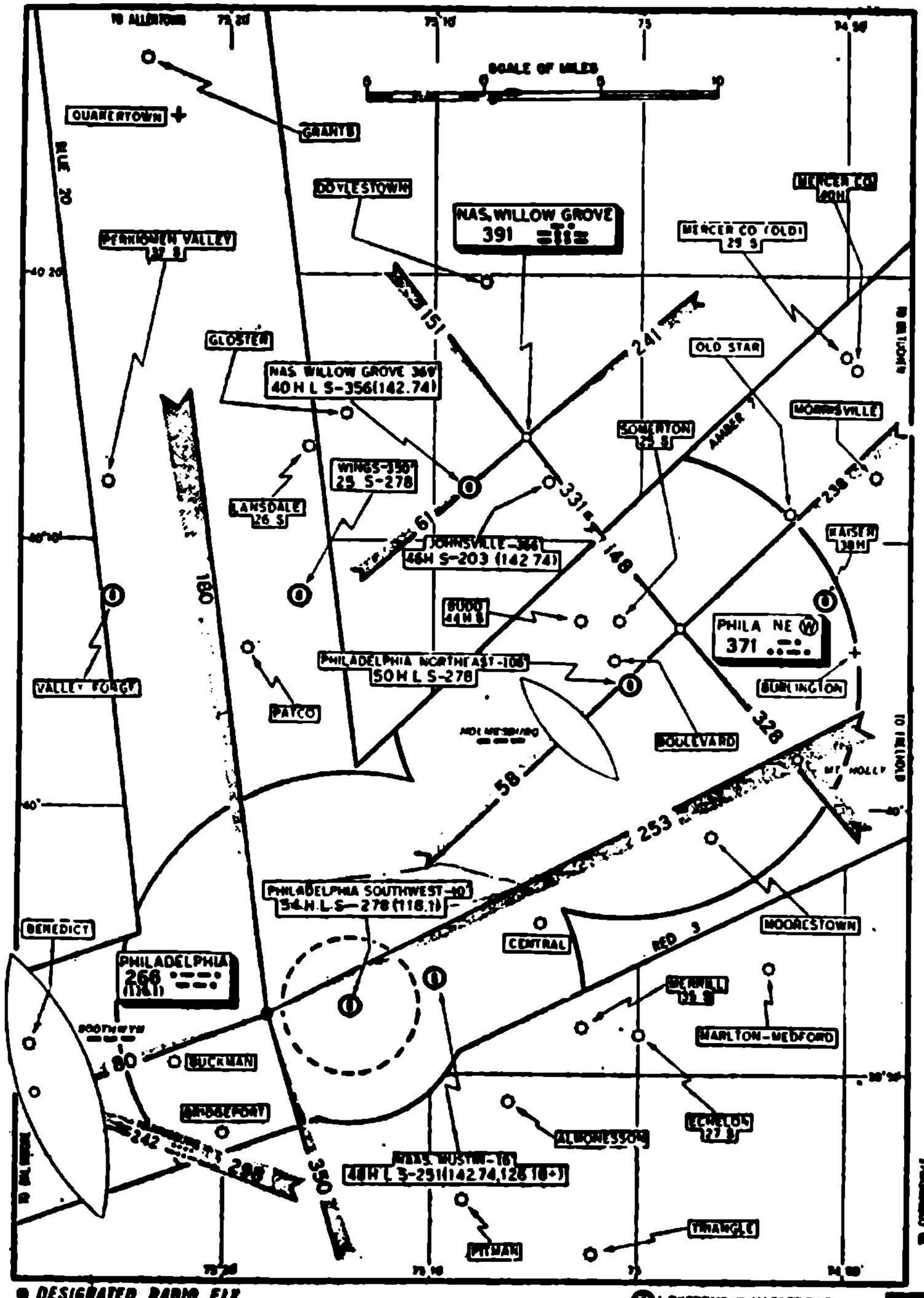
PENNSYLVANIA

→ Benedict (Chester)	6.5 W	400	26	S2	80 oct. Data unver
Boulevard (Philadelphia)	12 NE; RR SW	160	22	S4	80 oct. Obst sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20	S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h		
Doylestown	1.5 NNE;RR SW	400	22	S6	80 oct
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22	S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	18	S6	80 oct.
(N) Johnsville	0.8 NW; RR E	366	46h	R1 S4	91,100 oct. Res't to Navy.
(N) Kaiser (Bristol)	2 N; riv SE	35	38h		Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26	S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W;riv E	180	28	S4	80 oct.
(N) Mustin NAAS (Philadelphia)	4 S; riv S	16	48h	R1 L5 S6	100 oct. Pole line NE.NAFC.(N)
Old Star (Langhorne)	2.4 E; RR N	180	24	S5	80 oct.No sto. Poles N,S.
Patco (Norristown)	2.5 SE;bet RRs	200	19	S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32	S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h	R2 L5 S1	80,91 oct.Rdo req.
" SOUTHWEST	6.5 SW;riv SW	10	54h	R2 L6 S6	82,91 oct. Rdo rec req.
Somerton (Philadelphia)	14 NE;RR N,E	200	25	S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW,SE	250	24	S6	80 oct.
(N) Willow Grove NAS (N)	4 NNW; hwy E	369	40h	R2 L5 S4	91,100 oct. No sto.NAFC.NATS.
Wings (Ambler)	3 WSW;rds E,W	350	25	R1 S6	80,91 oct. Trees N,S.
Quakertown	2W; hwy E	511	21	S6	80 oct. Data unverified.

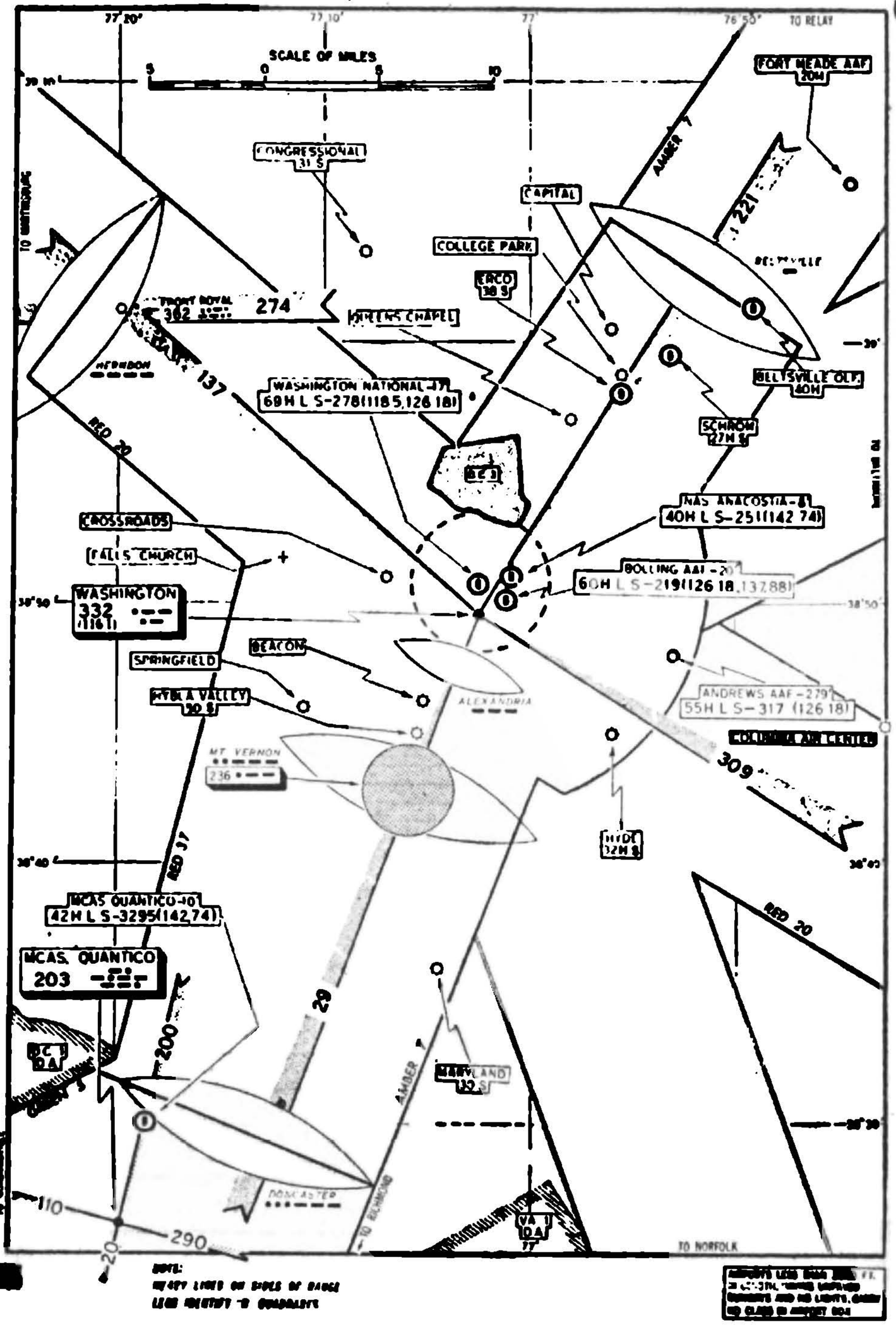
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	240	24	L1 S6	80 oct.No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20	S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26	S6	No sto. Data not verified.
Hybla Valley (Alexandria)	4.5 SSW;hwy E	66	50	S6	80 oct. Trees,pole lines sur fld
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h	R2 L5 S6	73,91,100 oct. NATS.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20	S4	80 oct. No sto. Obsts sur fld.

PHILADELPHIA AREA



WASHINGTON AREA



NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓓ : USABLE WITH CAUTION

SOUTHERN, NEW JERSEY

NEW YORK 79

OVER

RADIO

NEW JERSEY

LOCATION	FREQ., IDE*	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	359 (142.74)	CN	(3); 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18(8:30-sunset,Mon.-Sat. 9-sunset Sun.)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 224°, 40	New York, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS);58°, 1.0	(4); 131.9,126.18,118.3
TETERBORO (Bendix)	317	CI	3105,6210,3117.5

NEW YORK

CLASON'S POINT LFM	(-)	LFM, 44°, 7.5	New York
FLATBUSH	353 (F)	FMK, 224°, 8.3	New York
FLATBUSH FM	(- - -)	FM, 224°, 8.3	New York
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	440 (142.74)	CN, 122°, 1.9	(3);142.74 (8-17) (GCA)
GRUMMAN (Bethpage, L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°, 2.3	
LA GUARDIA (N.Y.)	362(126.18,118.1)	AC (ILS)	(4);126.18,118.1,Airline freqs
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays,ngt.&
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3) Sunday if important)
→ Mitchel Field	272 (126.18+	CA(ILS);301°,3.2	(3); 126.18 (app ctl)
NEW YORK (La Guardia)	209 (LG)(116.1)	SBMRAPZ-DTV;44°,3.4	(3); 116.1
→ NEW ROCHELLE	275 (R)	K; 44°, 12.8	New York
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
REPUBLIC FIELD (Farmingdale)	371	CI	(3)(days)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
La Guardia, N.Y.	109.9		44° Mag.	IM- (.05)	MM- (.81)	OM- (3.46)
					MMK- 233 --- (.81)	OMK-317 --- ( )
Mitchel (L6), N.Y.	110.3	335	300° Mag.	IM- (.06)	MM- ..... (.81)	OM- -- (4.03)
					MMK- 57 -- (.81)	OMK- 0 --- (4.03)
Newark (L5), N.J.	109.5	332.6	58° Mag.	IM-	MM- (.59)	OM- (3.8)
					MMK- 01 ---- (.59)	OMK- 15 -- (3.8)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army AFC S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aero-Marine Terminal (Keyport	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
(N) Clarke (Ocean City)	2.8 SW;RR SE	8	23	Naval tow target practice.
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.(See Spl Not)
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L5) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.5 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W.
Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L4 S6	80,91 oct.No bndry lgts.Rnwy data unver
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. (N)
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
(N) LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct: Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN CLEAR. STN.
Nassau (Hempstead)	4.5 E;hwy N	80	21	
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
Nassau(Hempstead) (N.J.)	4.5 E;hwy N	80	21	
→ Aviation Country Club (Hicksville)(N;Y.)	2 S;hwy S	104	24 S6	80,91 oct.

*-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x111) NC-(not charted). → NEW OR REVISED DATA

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT, 149°, 0	(4); 116.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°, 16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
→ LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4); 126.18, 118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3); 116.1
LOS ANGELES	260 (LA)(116.)	SBRAZ-VDTX, 244°, 8	(3); 116.1
LOS ANGELES	109.1(LA)	VAR	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN	(3); 142.74 (GCA)
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18, 142.74
MT. LAGUNA	254(TN)(116.1)	MHVT	(4); 116.1
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°, 2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT, 317°, 0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	MHVT	(4); 116.1
OCEANSIDE FM	(- - - -)	FM, 325°, 34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105; 142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°, 2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND NAAS	3295(142.74)	CN	3105, 4495; 142.74
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT, 139°, 2.3	(3); 116.1
San Diego NAS	266 (142.74)	CN	(3); 126.18, 142.74 (GCA)
San Diego NAS (Seaplane)	2870	CN	
TRONA (Int.)	323 (EW)	SBMRAZ-DT, 349°, 11	(4) Not manned cont.
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

$ Simul Range and Voice W Without Voice Z VHF Range Station Location Marker. (3) 3105 4495 6210 kcs. (4) 3105 4495 6210 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 116.1 127.68 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S, hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington (Riverside)	4.5 WSW, RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE, RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes (Rosamond)	12 E, rd N	2300	38	(NC)
Barstow	1.8 N, hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW, hwy S	6850	24	
Borderland (San Ysidro)	1.5 WNW, RR W	80	18 S6	80,91 oct. No sto. Pole line SE
Boron	0.5 NE, RR S	2550	21 S1	80 oct. Poles E. Data unver.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page xxxii) NC (not charted) → NEW OR REVISED DATA

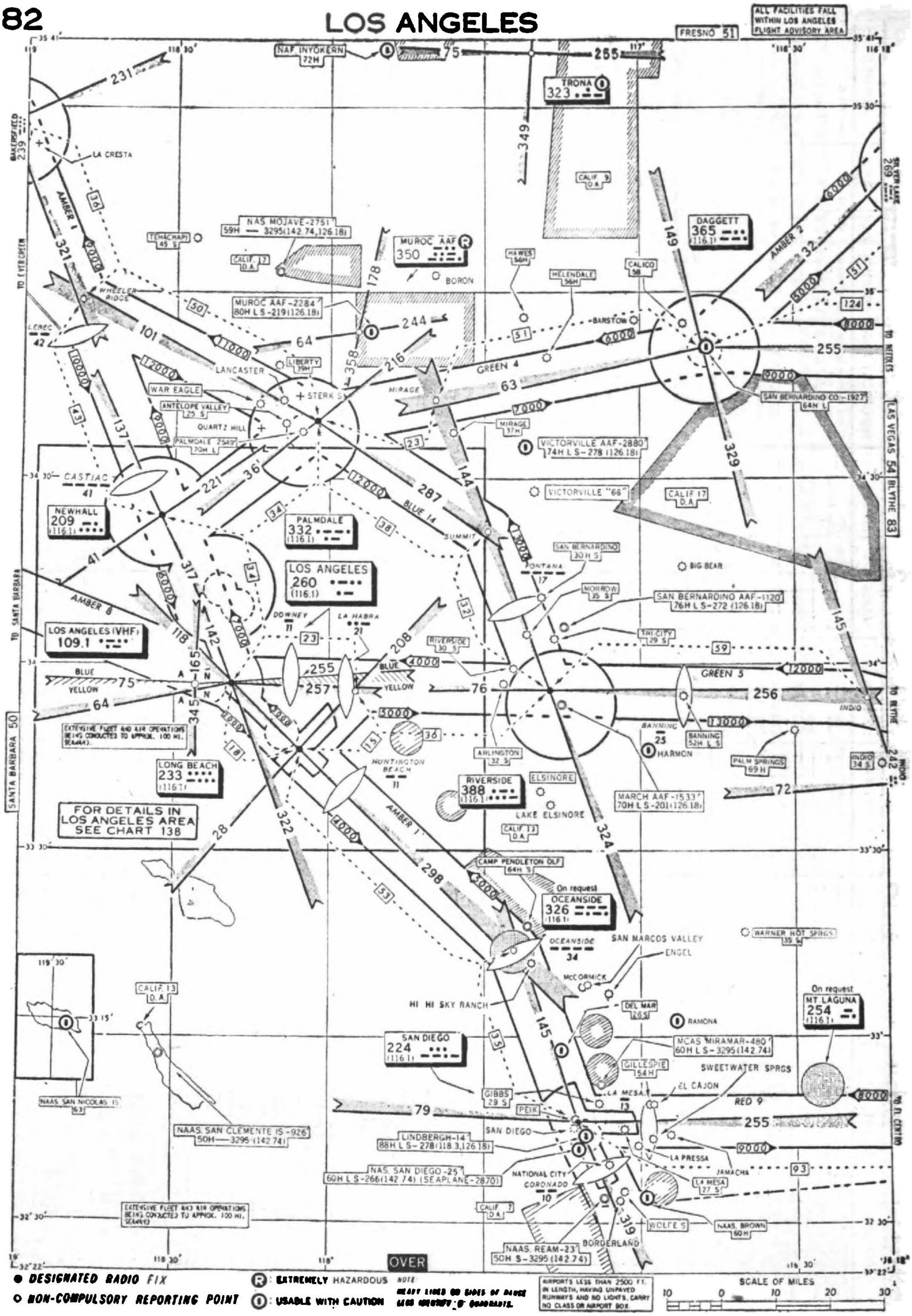
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay) (N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs (Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside) (N)	6 NNE, RR SE	75	64h L S1	NATS.
(N) Castle OLF (San Clemente Island) (N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea) (N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N, hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE, RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel (Escondido)	1.5 W, RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs (San Diego)	7 NNE, hwy W	405	29 S4	87 oct. No sto. Poles NE, E
(N) Gillespie MCAAF (N)	1 SSW, rd E	385	54h	Towers W. 'Santee.
Harmon (San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
Hawes (Victorville)	27.5 N, RR N	2319	56h	
Hi Hi Sky Ranch	1.5 ENE, RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
Helendale (Victorv'l)	20 N	2508	56h	
Indio	0.8 NNE, RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW, RR E	2455	72h	INACTIVE.
Jamacha (La Mesa)	6.8 ESE, riv N	520	18 S6	80,91 oct. Hills E.
La Cresta (Bakersfield)	2.5 NE	660	36h S1	80,91 oct. Data unver.
Lake Elsinore (Elsinore)	4 SSE, lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW, hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW, RR E	2330	22 S4	73 oct. No sto. Poles E, S.
La Pressa (La Mesa)	4 S, hwy W	275	19 S4	80 oct.
Liberty (Rosamond)	4.1 S, RR E	2300	39h	80,91 oct. Rdo rqrd
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT. CIVIL FACS
(A) March (Riverside) (A)	8.8 SE, RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW, RR N	550	21 S6	80,91 oct. Poles E.
Mirage (Victorville)	18 WNW, rd S	2865	37h	
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1 (L6) S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N)	0.7 E, hwy W	2751	59h R1	CLOSED
Morrow (Rialto)	1.8 S, RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S, dry lake N	2261	80h R2 L5-S6	73,91,100 oct. JP-1. No sto. CLOSED.
National City	1.1 SSE, RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE, RR W	2549	70h R1 L5 S2	91,100 oct.
(N) PALM SPRINGS	2.5 E, RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct. Port rnwy lgts. Data unver.
Ramona	0.6 WNW,	1440	15 S1	80 oct. Road NE.
Randsburg (NC)	1.8 NE, rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N, RR W	400	15	
Ryan (Hemet) (NC)	2.5 WSW	1502	23	RR SE.
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE, RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver, JP-1
San Bernardino Co. (Daggett)	5 E, RR S	1927	64h R1 L3	
(N) San Clemente Island NAAS (N)	8 S of N end	926	50h R1	INACTIVE.
San Diego	5 NW, bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1 (L6) S6	91,100 oct. NAFC.
San Marcos Valley (San Marcos)	1 W, RR, hwy S	530	19 S4	80 oct. No sto. Hill NE

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island NAAS (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE, hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N, RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE, RR S	1015	29 L S4	91,80 oct. Poles SE, W. Port rnwy lgts.
(A) Victorville AAF (A)	6 NW, RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW, RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W, hwy N	2348	31	
Warner Hot Springs	3 W, hwy NE	3140	35 S1	Ltd 80 oct. Trees E, S
Wolfe's Arpk (Otay)	1.2 SE, RR W	220	30 S1	80,91 oct. Hills SE.
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
→ Ramona OLF	3 SW	1440	40h	
→ Sweetwater OLF (San Diego)	7.4 E	480	30h	

LOS ANGELES



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS

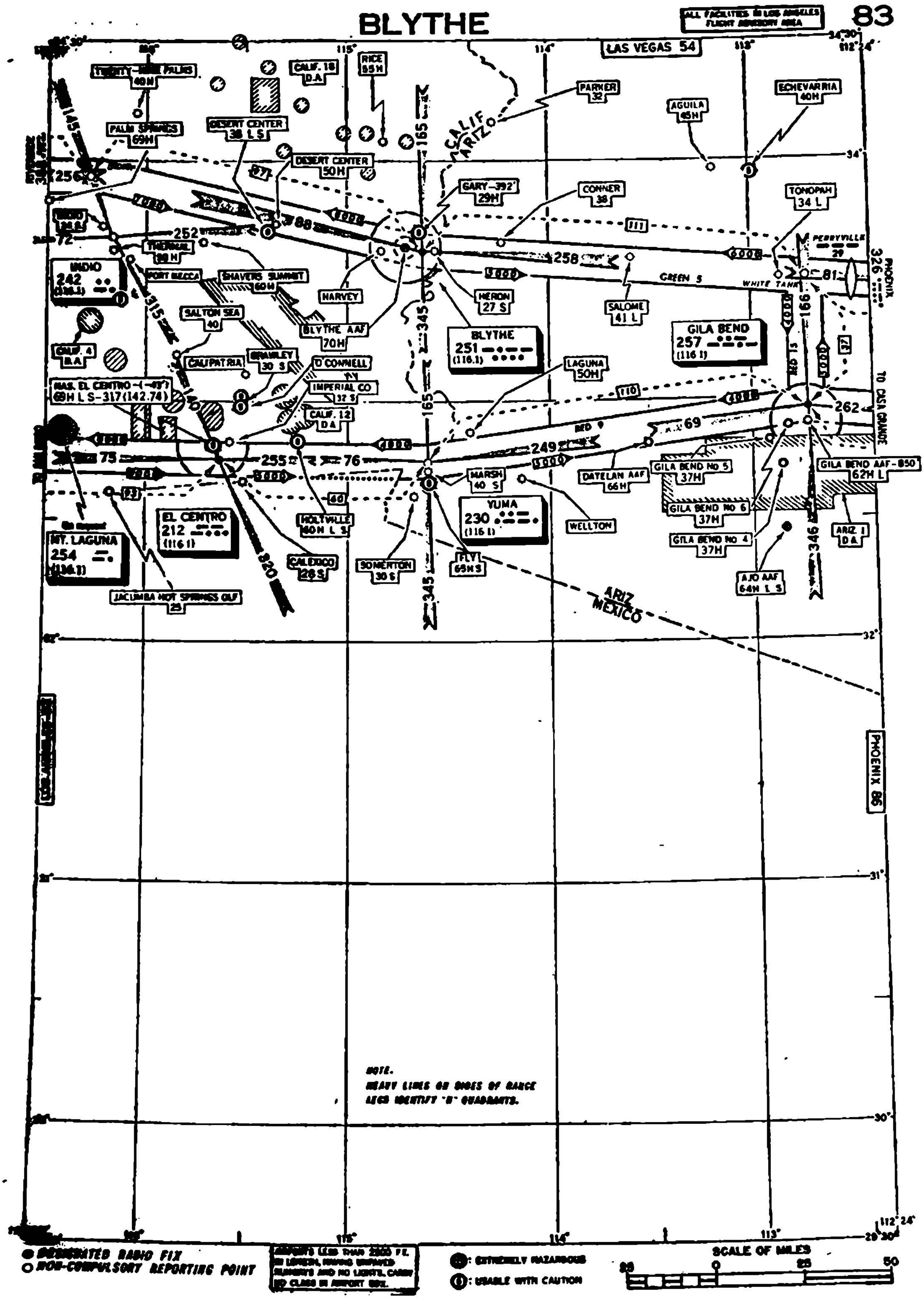
Ⓤ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LESS CERTAIN IF CHARTABLE.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

SCALE OF MILES 10 0 10 20 30

BLYTHE


ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA
LAS VEGAS 54
PHOENIX 86
TO CASA GRANDE
PARKER 32
ECHEVARRIA 40H
AGUILA 45H
CALIF ARIZ
DESERT CENTER 38 L S
DESERT CENTER 50H
PALM SPRINGS 69H
CALIF. 18 D A
RICE 55 H
GARY–392' 29H
CONNER 38
TONOPAH 34 L
PERRYVILLE 39
INDIO 242
THERMAL 39 H
PORT MECCA
SHAVERS SUMMIT 60H
HARVEY
HERON 27 S
SALOME 41 L
GREEN 5
WHITE TANK
BLYTHE AAF 70H
BLYTHE 251 (116.1)
GILA BEND 257 (116 1)
SALTON SEA 40
CALIPATRIA
BRAWLEY 30 S
O'CONNELL
IMPERIAL CO 32 S
LAGUNA 50H
CALIF. 4 B A
CALIF. 12 D A
MAS. EL CENTRO 69H L S–317 (142.74)
EL CENTRO 212 (116 1)
MT. LAGUNA 254 (136.1)
HOLTVILLE 60H L S
CALEXICO 28 S
SOMERTON 30 S
FLY 69H S
YUMA 230 (116 1)
MARSH 40 S
WELLTON
DATELAN AAF 66H
GILA BEND NO 5 37H
GILA BEND NO 6 37H
GILA BEND NO 4 37H
GILA BEND AAF–850 62H L
AJO AAF 64H L S
ARIZ 1 D A
JACUMBA HOT SPRINGS OLF 25
ARIZ MEXICO
NOTE.
HEAVY LINES OR SIDES OF RANGE LEGS INDICATE "R" QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 2500 FT. OR LOWER, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT DIR.
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

BLYTHE

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA	230(UP)(116.1)	SBMRAZ-VDT,165°,5.8	(4); 116.1
BLYTHE	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.5	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	MHVT	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echeverria (Wickenburg)	14.8 WSW,RR N	2380	40h	(See Spl Not.)
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	
(A) Gila Bend #4 (A)	18 SSW	1000	37h	INACTIVE.
(A) Gila Bend #5 (A)	15.3 SW	800	37h	INACTIVE.
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	INACTIVE.
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
★ Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.6 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	75,80 oct.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF (Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E.
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (Salton Sea)	.25 W of center	450	50	On W portion Dry Lake. (N) (NC)
(N) Coyote Wells OLF -North (El Centro)	21 NW	300	26	(N) (NC)
(N) Coyote Wells OLF -South (El Centro)	21 WSW	300	25	(N) (NC)
Desert Center	2.5 NE,rd NW	555	50h	
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto. (N)
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct. No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct. Poles N.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency only.
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE. No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct. Data unver.
(N) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
Shavers Summit (Indio)	20.5 ESE,hwy S	1690	60h	Mtns N,S,W.
Thermal	1.8 SW,hwy W	-117	50h	
Twentynine Palms	4.8 N	1768	40h	
Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → New or revised data.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-VDT,259°,2.3	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(3); 116.1,126.18,118.3,
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
LUKE FLD(PHOENIX)			DECOMMISSIONED
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-VDT,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 131.9
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT,307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°,0	(4); 116.1

S Simul. Range and Voice; W Without Voice; Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116.1 137.68, 140.58 mcs.

AIRPORTS — ARIZONA

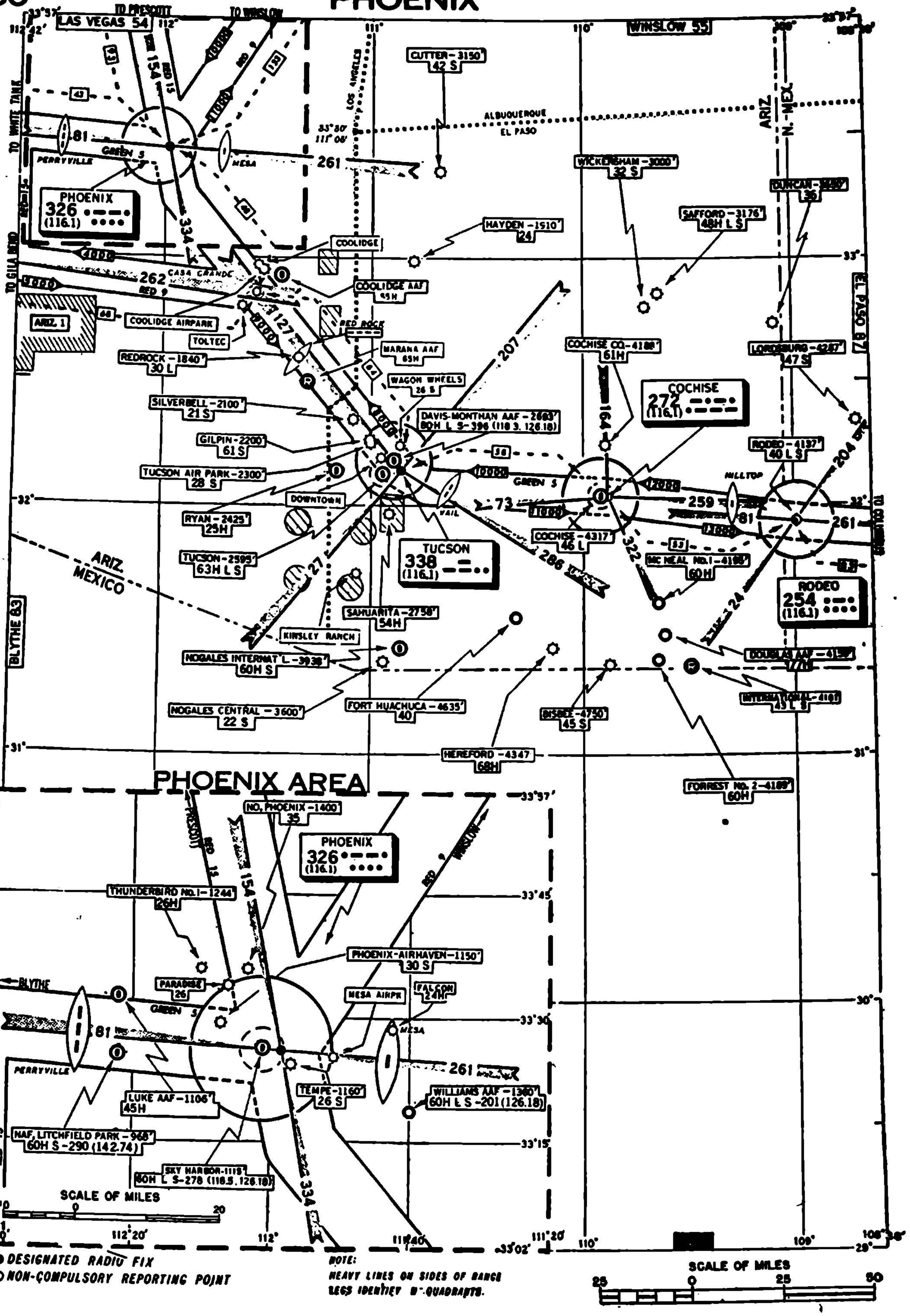
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W.Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2693	80h R2 L5 S6	73-100 oct, JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS(See Spl Not
Duncan	1 NE	3650	36	Poleline, race track W. Twrs E.
Falcon (Mesa) (NC)	7.3 NE,hwy S	1332	24h	
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS(See Spl Not
Ft.Apache (White River)(NC)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct.Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
Hereford	2.5 WSW,rd N	4347	68h	Twr SE.
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS(See Spl Not
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS(See Spl
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED (Not.)
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct.No sto.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct.No sto.Poles SW,NE.
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct,
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct,
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct.No sto.Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
Downtown (Tucson,Ariz.)	1.4 S,RR SW	2460	34 S2	80,91 oct. Poles N.

h-hard surfaced runways R-radio facilities. L-lighting facilities. S servicing (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

PHOENIX


LAS VEGAS 54
TO PRESCOTT
TO WINSLOW
112°42'
112°
111°
110°
WINSLOW 55
33°37'
TO WHITE TANK
I-10
I-17
I-8
I-15
I-40
I-19
I-40
I-15
I-10
I-8
I-19
I-40
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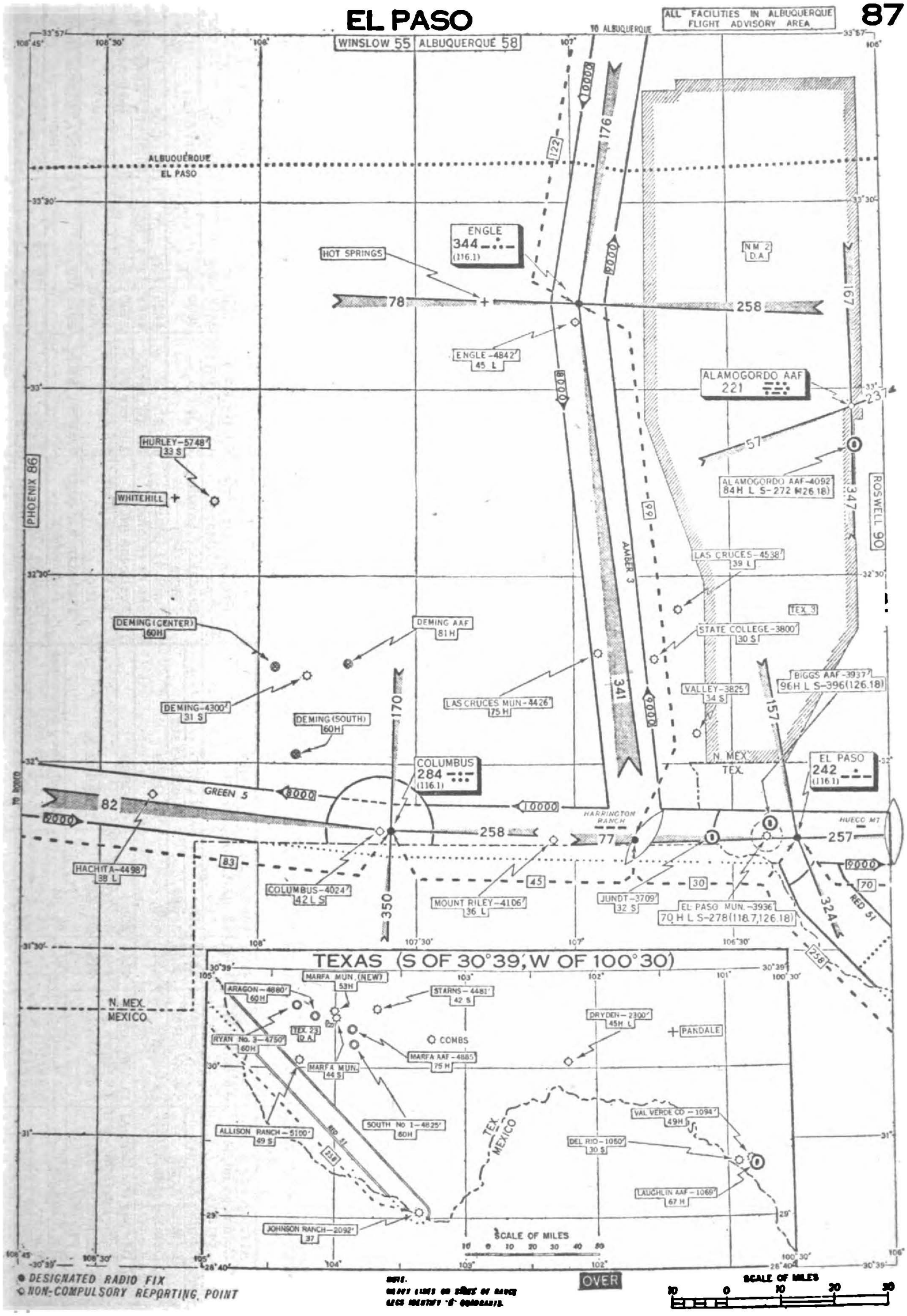
I-8
I-19
I-40
I-15
I-10
I-8

EL PASO


WINSLOW 55
ALBUQUERQUE 58
TO ALBUQUERQUE
ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
ALBUQUERQUE
EL PASO
ENGLE 344 (116.1)
HOT SPRINGS
78
258
ENGLE-4842' 45 L
NM 2 D.A.
ALAMOGORDO AAF 221
237
57
ALAMOGORDO AAF-4092 84H L S-272 (126.18)
HURLEY-5748' 33 S
WHITEHILL
PHOENIX 86
ROSWELL 90
LAS CRUCES-4538' 39 L
TEX. 3
STATE COLLEGE-3800' 30 S
DEMING (CENTER) 60H
DEMING AAF 81H
DEMING-4300' 31 S
DEMING (SOUTH) 60H
LAS CRUCES MUN-4426' 75 H
BIGGS AAF-3937' 96H L S-396 (126.18)
VALLEY-3825' 34 S
N. MEX.
TEX.
EL PASO 242 (116.1)
COLUMBUS 284 (116.1)
GREEN 5
82
HARRINGTON RANCH
HUECO MT.
257
77
HACHITA-4498' 38 L
COLUMBUS-4024' 42 L S
MOUNT RILEY-4106' 36 L
JUNDT-3709' 32 S
EL PASO MUN.-3936' 70 H L S-278 (118.7, 126.18)
RED 51
TEXAS (S OF 30°39', W OF 100°30')
MARFA MUN. (NEW) 53H
ARAGON-4880' 60H
STARNS-4481' 42 S
DRYDEN-2300' 45H L
PANDALE
COMBS
RYAN No. 3-4750' 60H
TEX. 23 D.A.
MARFA AAF-4885' 75 H
MARFA MUN. 44 S
N. MEX.
MEXICO
ALLISON RANCH-5100' 49 S
SOUTH No 1-4825' 60H
TEX.
MEXICO
VAL VERDE CO-1094' 49H
DEL RIO-1050' 30 S
LAUGHLIN AAF-1069' 67 H
JOHNSON RANCH-2092' 37
SCALE OF MILES
10 0 10 20 30 40 50
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
OVER
SCALE OF MILES
10 0 10 20 30

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army	221 (DGR)	BMRLZ	(3);4220;126.18
→ Alamogordo AAF	272 (126.18)	CA;107°.6 5	(3);126.18 (0730-1930) Mon-Fri. (Sat. & Sun. 730-1630)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-VDT, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3); 116.1
El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°.4.9	(4):131.9,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ Alamogordo N. Mex.				IM- DECOMMISSIONED		OM-
					MMK-	OMK-
Biggs, Tex.	109.9		213° Mag.	IM- (.26)	MM- ····· (.85)	OM- -- (3.50)
					MMK-	OMK-
EL PASO. TEX.	109.5	332.6	217° Mag	IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
★ Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center) (A)	11.5 W,hwy S	4440	60h	CLOSED
Engle Int,10,EO-PU	2.6 E,hwy S	4842	45 R1 L3	
✱ Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct. Rnwy data unver.
Hurley	0.8 W,RR E	5748	33 S4	73 oct. No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct. No sto. Trees E.
Las Cruces (NC)	1 NE,hwy N	3900	35	
Las Cruces, mun.	8.5 W,hwy S	4426	75h	Cattle on fld.
Las Cruces 4,EO-PU	9.5 NE,hwy S	4538	39 L3	Pwr line S. Mtn E.
Mt. Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400'	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct. No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct. 50' hi-line E.
Whitehill (Silver City	4 SSE	5800	30	Poleline N, Rnwy data unver.
TEXAS				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
→ Aragon #5 (Marfa)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct. JP-1. No range.
Blair Ranch (Marathon (NC)	23.5 SSW,hwy E	4180	24	PRIVATE.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct. No sto. Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-PU	5.7 W,hwy N	2300	45h L3	
(N) EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct. No sto. ARPT OF ENTRY.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
→ Marfa (AAF)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct. No sto. Poleline NOT MNTND. S, SW.
Presidio (NC)	4 N,hwy W	2850	48	
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
→ Ryan #3 (Marfa)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
→ South #1 (Marfa)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co,(Del Rio)	4.5 ENE,RR S	1094	49h	
Yeas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE. Pole line NW.
Pandale (Tex.)	8 NE		20 S2	80 oct. Data unver.
→ Combs (Marathon) (Tex)	0.7 SE; RR. hwy N	4100	27 S2	80 oct. Data unver.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page IIII) NC-(not charted) → New or revised data

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA;255°, 3.6	(3); 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT:162° 2.7	(4); 116.1

B-Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4495, 6710 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
CARLSBAD MUN.	6.1 SSW,	3276	65h	Hwy E.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	INACTIVE.
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

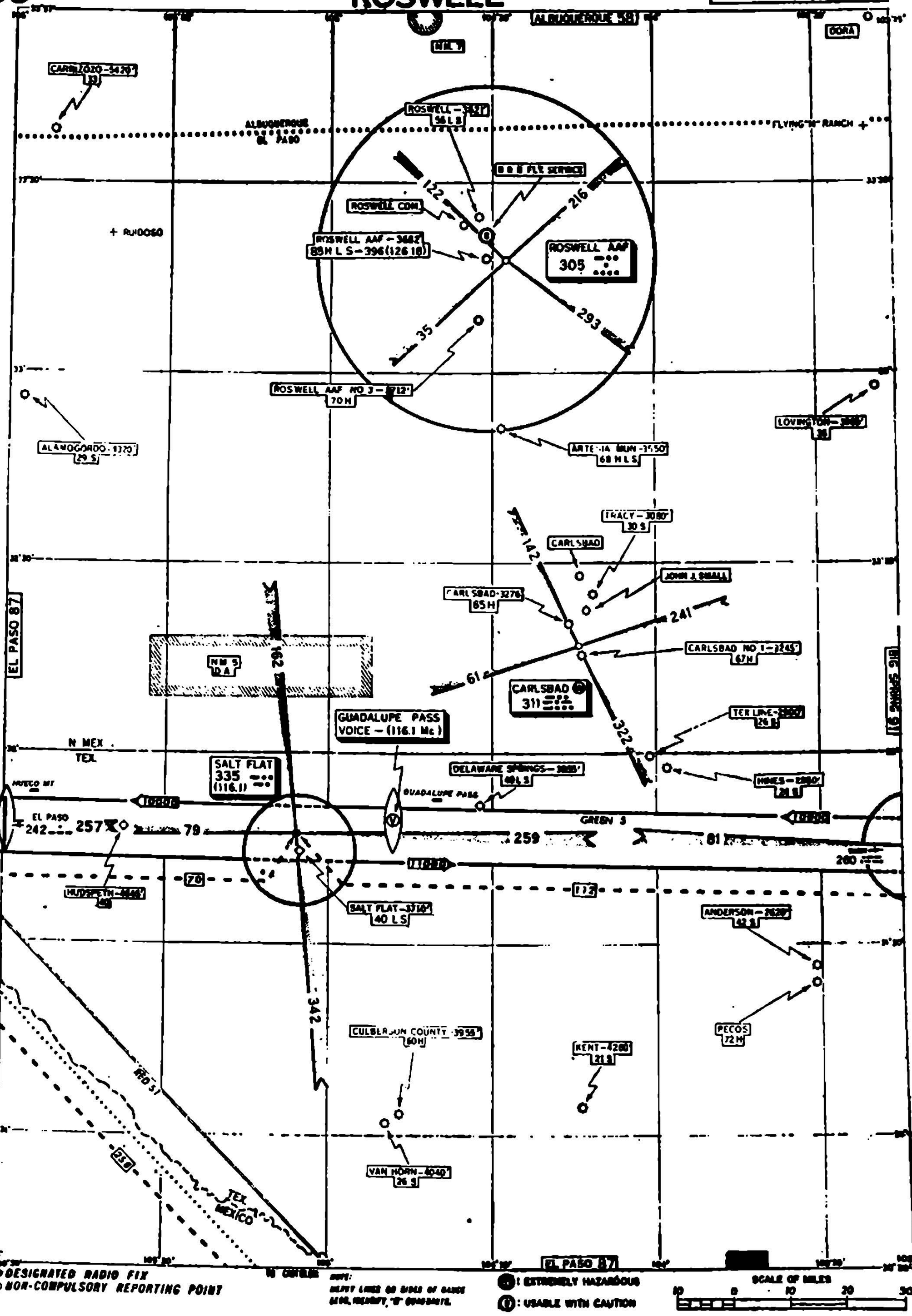
NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, EO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
Pecos	2.2 SSW	2617	72h	RR W
★ Salt Flat Int.8A,EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N.Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.

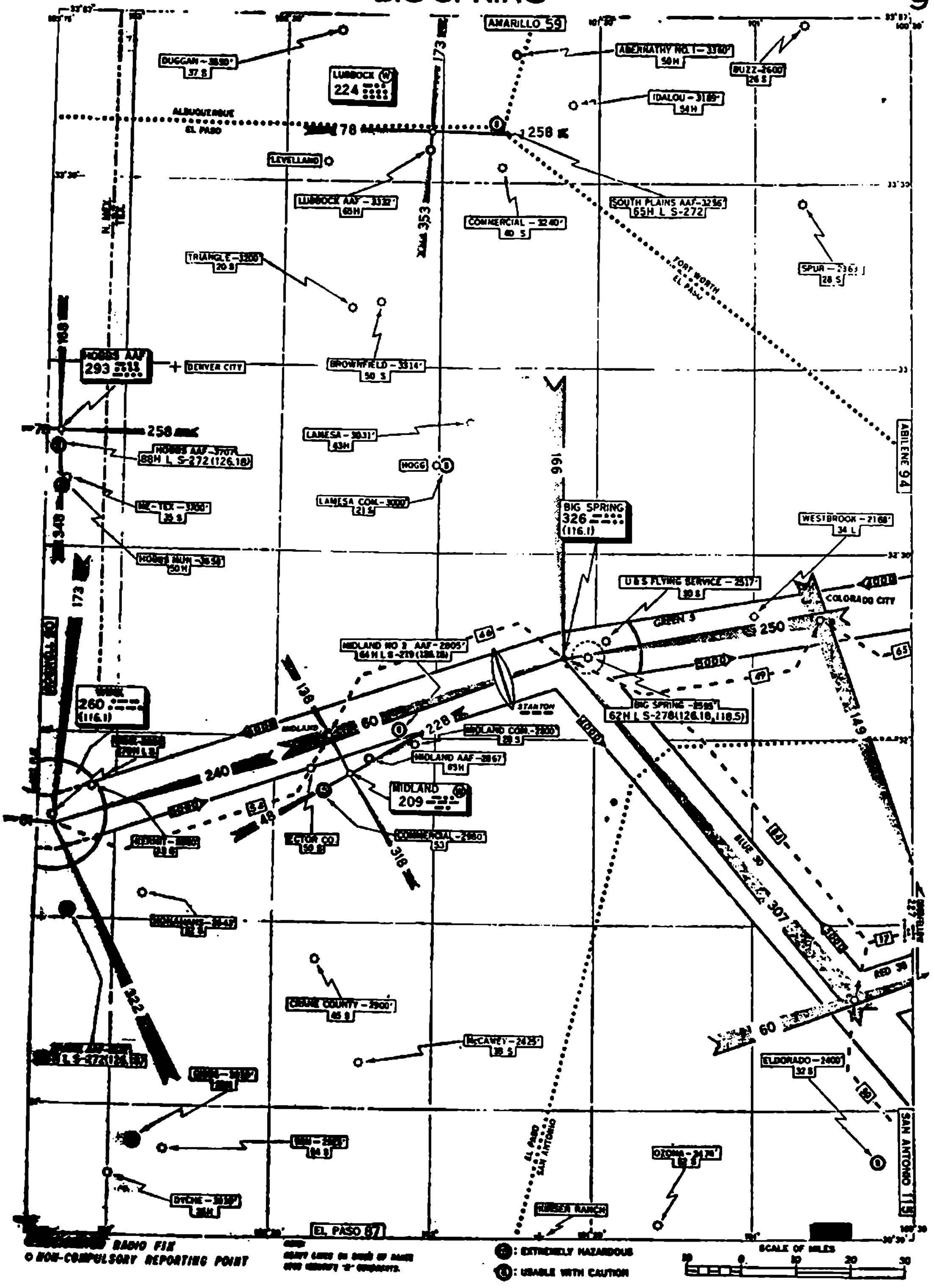
h hard surfaced runways R radio facilities. L lighting facilities. S servicing (See page XIII) NC (not charted). → New or revised data

ROSWELL

ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA



BIG SPRING


AMARILLO 59
ABERNATHY RCL I – 3340'
50 H
BUZZ – 2600'
26 S
IDALOU – 3185'
54 H
DUGGAN – 3850'
37 S
LUBBOCK (W)
224
ALBUQUERQUE
EL PASO
78
1258
LEVELLAND
LUBBOCK AAF – 3332'
65 H
COMMERCIAL – 3240'
40 S
SOUTH PLAINS AAF – 3256'
65 H L S-272
FORT WORTH
EL PASO
SPUR – 2369'
28 S
TRIANGLE – 3300'
20 S
BROWNFIELD – 3314'
50 S
HOBBS AAF
293
DENVER CITY
258
HOBBS AAF – 3707'
88 H L S-272 (126.18)
LEA – TEX – 3300'
25 S
HOBBS MUNI – 3659'
50 H
LAMESA – 3831'
43 H
HOGG
LAMESA COM. – 3000'
21 S
BIG SPRING
326
(116.1)
WESTBROOK – 2168'
34 L
U & S FLYING SERVICE – 2517'
30 S
COLORADO CITY
GREEN 5
250
BIG SPRING – 2555'
62 H L S-270 (126.18, 118.5)
ABILENE 94
MIDLAND
260
(116.1)
MIDLAND NO 2 AAF – 2805'
64 H L S-270 (126.18)
MIDLAND COM. – 2850'
28 S
MIDLAND AAF – 2867'
63 H
MIDLAND
209
240
228
60
STANTON
BLUE 30
307
ECTOR CO
50 S
COMMERCIAL – 2980'
53
CRANE COUNTY – 2900'
45 S
McCAMEY – 2425'
38 S
ELDORADO – 2400'
32 S
SAN ANTONIO
EL PASO
SAN ANTONIO
FORBES RANCH
EL PASO
RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
0
10
20
30

RADIO — NEW MEXICO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS., OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-2300)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
TEXAS			
BIG SPRING	326(BZ)(116.1)	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	278 (126.18)	C; 70°, 3.9	(4); 126.18,131.9.Trs. & gds. 118.5 mcs.
LUBBOCK (AAF)	224 (DHH)	MRLWZ; 173°,3.9	
MIDLAND	209 (DON)	MRLWZ;48°,3.8-AAF	
→ Midland No. 2	219 (126.18)	CA	(4); 140.58,126 18
PYOTE AAF	272 (126.18)	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	272	CA	(4) (8-22)
STANTON FM	(- - -)	FM, 240°,12	Big Spring.
WINK	260(WP)(116.1)	SBRAZ-VDT,353°,1.2	(4); 116.1

S-Sumul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105 4495 6210 kcs. (4)-3105, 4495, 6210, 3117 5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ⊥ - Army A.C.S. transmits on and guards 116 1, 137 88, 140 58 mcs

AIRPORTS — NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	91,100 oct.
HOBBS MUN.	5 W,hwy N,	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct.Pole line N,W,NW.
TEXAS				
(A) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS(See Spl Not.)
(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct.
Brownfield	5 E;hwy N	3314	50 S2	80 oct.Poleline N, NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct.Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto. Use strips.
→ Commercial (Odessa)	1.9 E; RR N			ABANDONED
Crane Co.(Crane)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.

L-Hard surface runways. R-radio location. L-lighting facilities. S-servicing. (see page XIII) RC-(not charted). → NEW OR REVISED DATA.

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct.PRIVATE. Data unverified.
Lamesa	8.9 NNE;hwy E	3031	43h	
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct.Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct.Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TMP INACT NO FACS.(SEE SPL NOT.)
McCamey	0.8 SW;RR N	2425	38 S6	80 oct.Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	TMP INACT NO FACS.(SEE SPL NOT.)
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unverified.
(A,N) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE;RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
Denver City (Tex.)	0.5 NW	3584	40 S1	80 oct.Data unver.
Hogg(Lamesa,Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3); 116.1
→ Abilene Air Term.	278 (118.7)	C; 180°, 2.3	(4); 118.7,126.18, 122.5 (7-23)
→CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°. 1.7	(4); 116.1

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + -Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

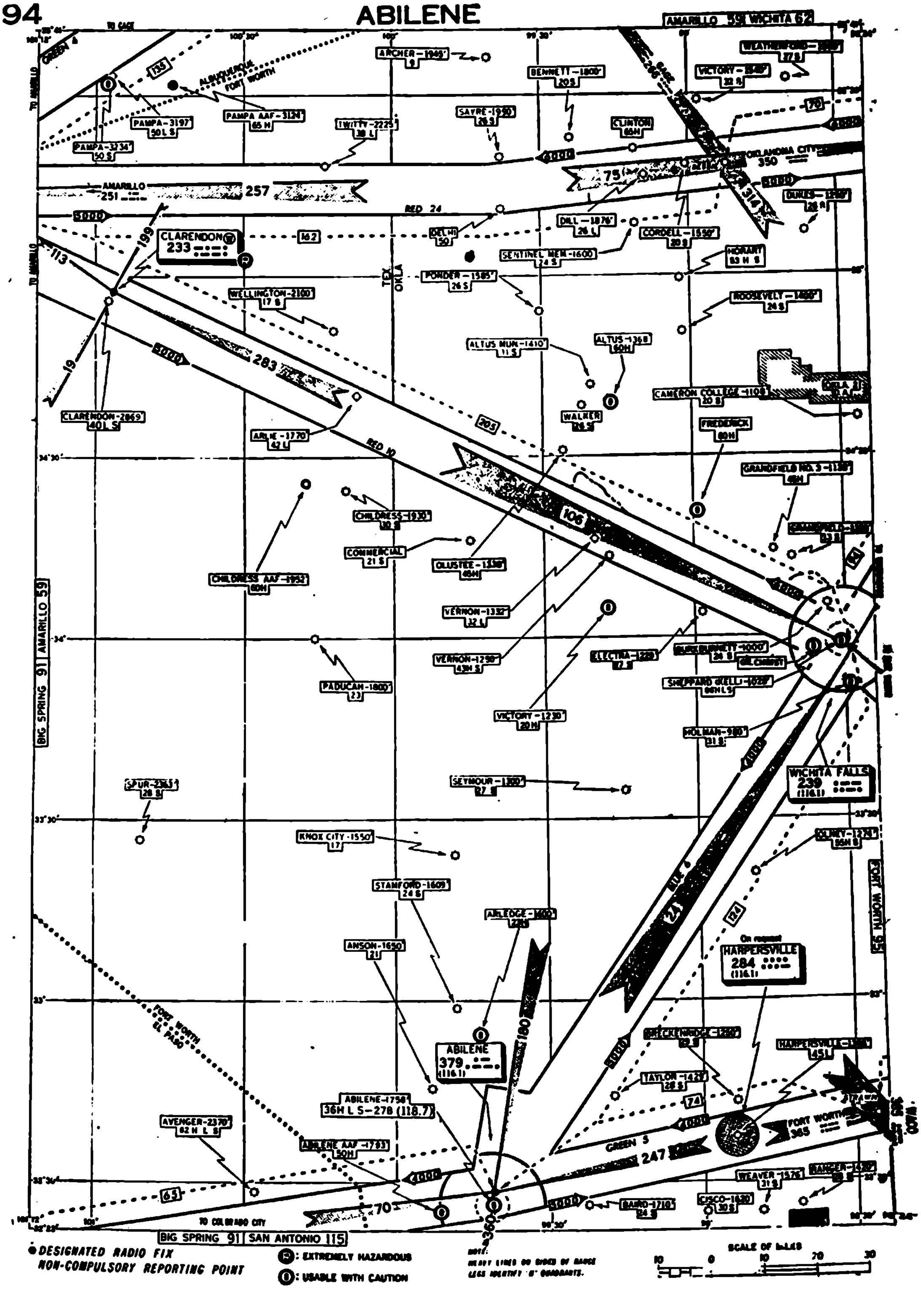
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Altus	3.4 ENE;hwy S	1368	60h	
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct.Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct.Poleline W.Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct.Poleline S.
Frederick	3.5 SSE	1233	60h	
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
Grandfield #3	3.1 W,RR NE	1128	45h	
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct.Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct.Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct.Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

TEXAS

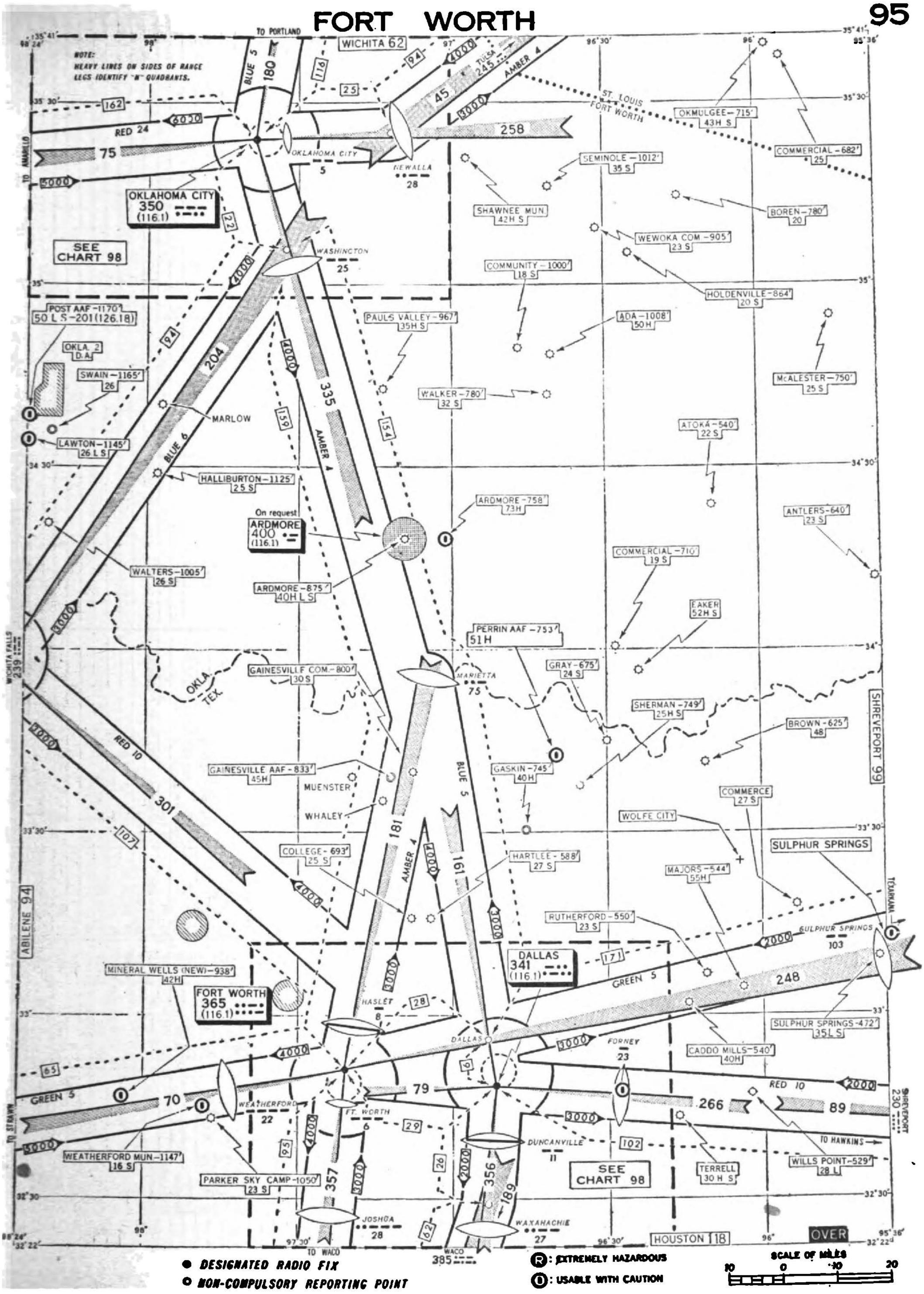
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91,100 oct.
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	TMP INACT NO FACS.
Anson	0.8 ENE,RR W	1650	21	(SEE SPL NOT)
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct.Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct.Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct. (See Spl Not.)
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct.Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct.Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S2	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct.P-line S;bldg SW
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct.Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct.ARMY TMP INACT.CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct.No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct.Pole line S.

■ Hard surfaced runways. R radio facilities, L-lighting facilities, S servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

ABILENE


AMARILLO 59 WICHITA 62
ALBUQUERQUE FORT WORTH
PAMPA-3197' 50 L S
PAMPA AAF-3134' 65 H
PAMPA-3234' 50 S
TWITTY-2225' 38 L
ARCHER-1969' 9
SAYRE-1950' 26 S
BENNETT-1800' 20 S
CLINTON 65H
VICTORY-1580' 32 S
WEATHERFORD-1595' 17 S
OKLAHOMA CITY 350
DUKES-1290' 28 S
AMARILLO 251
257
RED 24
CLARENDON 233
162
DELHI 50
DALL-1870' 26 L
CORDELL-1550' 20 S
SENTINEL MEM-1600' 24 S
HOBART 63 H S
PONDER-1585' 26 S
WELLINGTON-2100' 17 S
ROOSEVELT-1480' 24 S
ALTUS MUN-1410' 11 S
ALTUS-1368' 60H
CAMERON COLLEGE-1105' 20 S
WALKER 26 S
FREDERICK 60H
CLARENDON-2869' 40 L S
ARNE-1770' 42 L
283
205
RED 10
106
GRANDFIELD NO 3-1138' 60H
CHILDRESS-1930' 30 S
CHILDRESS AAF-1952' 60H
COMMERCIAL 21 S
OLUSTEE-1358' 60H
VERNON-1332' 32 L
VERNON-1290' 43H S
ELECTRA-1228' 17 S
BURK BURNETT-1000' 26 S
SHEPPARD AFB/KELL-1022' 60H L S
PADUCAN-1800' 23
VICTORY-1230' 20 H
HOLMAN-980' 31 S
WICHITA FALLS 239 (116.1)
SPUR-2363' 28 S
SEYMOUR-1300' 27 S
KNOX CITY-1550' 17
STAMFORD-1609' 24 S
ARLEDGE-1400' 28 S
ANSON-1650' 21
ABILENE 379 (116.1)
ABILENE-1758' 36H L S-278 (118.7)
AVENGER-2370' 62 H L S
ABILENE AAF-1783' 50H
BRECKENRIDGE-1280' 29 S
TAYLOR-1429' 28 S
HARPERSVILLE 284 (116.1)
HARPERSVILLE-1360' 45 L
WEAVER-1575' 31 S
RANGER-1420' 28 S
CISCO-1630' 30 S
BAIRD-1710' 24 S
FORT WORTH 365
247
180
360
70
65
74
24
21
BIG SPRING 91 AMARILLO 59
BIG SPRING 91 SAN ANTONIO 115
TO COLORADO CITY
FORT WORTH EL PASO
GREEN 5
RED 10
TEX OKLA
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

FORT WORTH


NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.
TO PORTLAND
WICHITA 62
BLUE 5
180
116
94
25
4000
TULSA 245
AMBER 4
45
4000
258
ST. LOUIS
FORT WORTH
OKMULGEE – 715'
43H S
COMMERCIAL – 682'
25
SEMINOLE – 1012'
35 S
BOREN – 780'
20
WEWOKA COM – 905'
23 S
HOLDENVILLE – 864'
20 S
ADA – 1008'
50 H
PAULS VALLEY – 967'
35H S
McALESTER – 750'
25 S
WALKER – 780'
32 S
ATOKA – 540'
22 S
ANTLERS – 640'
23 S
COMMERCIAL – 710'
19 S
EAKER
52H S
SHERMAN – 749'
25H S
BROWN – 625'
48
GRAY – 675'
24 S
PERRIN AAF – 753'
51H
SHREVEPORT 99
COMMERCE
27 S
WOLFE CITY
SULPHUR SPRINGS
MAJORS – 544'
55H
RUTHERFORD – 550'
23 S
SULPHUR SPRINGS – 472'
35L S
CADDO MILLS – 540'
40H
WILLS POINT – 529'
28 L
TERRELL
30 H S
SEE CHART 98
HOUSTON 118
OVER
OKLAHOMA CITY
350
(116.1)
SEE CHART 98
WASHINGTON
25
NEWALLA
28
OKLAHOMA CITY
5
TO AMARILLO
162
RED 24
6020
75
5000
22
4000
POST AAF – 1170'
50 L S – 201 (126.18)
OKLA. 2
D.A.
SWAIN – 1165'
26
LAWTON – 1145'
26 L S
MARLOW
204
BLUE 6
159
335
AMBER 4
154
HALLIBURTON – 1125'
25 S
On request
ARDMORE
400
(116.1)
ARDMORE – 758'
73H
WALTERS – 1005'
26 S
ARDMORE – 875'
40H L S
PERRIN AAF – 753'
51H
GAINESVILLE COM. – 800'
30 S
OKLA.
TEX.
WICHITA FALLS
239
RED 10
301
GAINESVILLE AAF – 833'
45H
MUENSTER
WHALEY
GASKIN – 745'
40H
BLUE 5
181
AMBER 4
161
COLLEGE – 693'
25 S
HARTLEE – 588'
27 S
DUNCANVILLE
11
ABILENE 94
MINERAL WELLS (NEW) – 938'
42H
FORT WORTH
365
(116.1)
DALLAS
341
(116.1)
171
GREEN 5
248
HASLET
8
28
DALLAS
6
FORNEY
23
SHREVEPORT
230
TEXARKANA
103
SULPHUR SPRINGS
2000
65
GREEN 5
70
WEATHERFORD
22
FT. WORTH
6
29
79
266
RED 10
89
TO HAWKINS
WEATHERFORD MUN – 1147'
16 S
PARKER SKY CAMP – 1050'
23 S
93
26
357
189
356
JOSHUA
28
62
WAXAHACHIE
27
WACO
385
TO WACO
TO STRAWN
98°
97°30'
96°30'
96°
95°36'
35°41'
35°30'
35°
34°30'
34°
33°30'
33°
32°30'
32°22'
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

RADIO AIDS — OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARDMORE	400 (AT)(116.1)	MHVT	(4), 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT, 78°, 1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Lawton)	201 (126.18)	CA	(3); 126.18 (7-17 Mon.-Fri.)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City

TEXAS

DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT, 356 92.2	(3); 116.1
DUNCANVILLE FM	(-)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX, 177°, 2.4	(3); 116.1
FORT WORTH LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. - - - -)	FM, 177°, 27.7	Fort Worth
PERRIN FLD (Sherman)			DECOMMISSIONED
SULPHUR SPRINGS			DECOMMISSIONED
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S, RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE, riv E	758	73h	CAUTION: Intensive airline training.
Ardmore, 10, FV-WD	9.2 N, hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW, RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW, hwy S	780	20	
Commercial (Durant)	5.2 W, RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E, RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW, RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW, RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW, RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S, RR E	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N, RR E	1150	15	Pole line S.
McAlester	2 SSE, RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE, hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S, RR E	967	35h L1 S1	80 oct.
(A) Post (Lawton)(A)	3 N	1170	50 R1 L4 S4	73 oct.; ltd 100 oct.
Seminole	3.4 NNW, hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW, RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
(A) Swain (Lawton)(A)	3.5 E, hwy N	1165	26	CLOSED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S, hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW, RR E	1005	26 S2	73 oct. Cattle on field.
Wewoka, com.	1.8 W, lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE, hwy N	790	30	

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW, bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N, hwy W	625	48	Pole line S, W.
Caddo Mills (Greenv'l)	10.7 SW, hwy W	540	40h	
College (Denton)	4.2 N	693	25 S6	73 oct. Cattle on field.
Commerce	3.4 NNE, hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW, RR S	833	45h	
Gainesville com.	3 NNE, hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW, rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E, RR N	675	24 L S6	80 oct. Emerg. lgts by circling fld.
Hartlee (Denton)	5.4 NE, RR SSE	588	27 S6	73,80 oct. Poles S
Jones (Bonham)(NC)	2 NNE, hwy E	616	18h	
Majors (Greenville)	5 SSE, RR W	544	55h	
(P) Mineral Wells, new	3.2 SE, RR N	938	42h	
Muenster	2.6 E, RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE, RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW, RR N	753	51h	TMP INACT NO FACS/See Sol Not.)
Rutherford (Greenv'l)	4.5 WSW, hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE, hwy N	749	25h S6	80 oct.
So. Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW, RR S	472	35 L3 S1	80 oct. Pole line S, SE.
Terrell Mun.	1.5 SE, RR W	490	30h	80, 91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk (Gainesv'l)	5.7 WSW, RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int, 7, FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

RADIO — OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	FM,78°,27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350(OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LPM	(- -)	LPM,78°,5.4	Oklahoma City
TINKER, OKLAHOMA CITY (Army)	221 (DTE)	BMRAZ	4495
Tinker Field	396 (126.18)+	CA;170°,5.3	(3); 126.18
→ WILL ROGERS FIELD (Oklahoma City)	272(119.7)	C	(4);118.7,126.18,121.9
WASHINGTON FM	(- - -)	FM,155°,24.6	Oklahoma City

TEXAS

DALLAS (Love Field)	341(DL)(116.1)	SBMRAZ-VDT,356°,2.2	(3); 116.1
DUNCANVILLE	404 (D)	FMK,176°,10.5	Dallas
DUNCANVILLE FM	(- -)	FM,176°,10.5	Dallas
FORNEY FM	(-)	FM,86°,23	Dallas
FORT WORTH (Meacham Field)	365(FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3); 116.1
Fort Worth AAF	201 (126.18)+	CA	(3); 126.18
FORT WORTH LPM	(- - -)	LPM,177°,6.2	Fort Worth
HASLET FM	(-)	FM,1°,8.1	Fort Worth
HASLET	371 (F)	FMK,1°,8.1	Fort Worth
HENSLEY FIELD (Dallas)	396 (126.18)	CA	(4); 126.18
JOSHUA FM	(. . - - -)	FM,177°,27.7	Fort Worth
→ LOVE FIELD (Dallas)	278 (126.18) (118.9)	AC (ILS)	(4); 118.9,132., 126.18
→ MEACHAM FIELD (Fort Worth)	272 (126.18) (118.7)	AC(ILS)	(4);126.1,118.7,121.9
WAXAHACHIE FM	(. - - -)	FM,176°,27	Dallas
GRAUWYLER PARK	311 (L)	L,356°, 0.8	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE, TEXAS	110.3	335	140° Mag.	IM	MM .- - - (0.7)	OM - - (4.35)
				MMK 311 .- - - (.75)	OMK	
→ MEACHAM, TEXAS	109.1	333.8	172° Mag.	IM	MM .- - - (0.7)	OM - - (4.1)
				MMK 356 .- - - (.70)	OMK	

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105. 4495. 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1. 137.88. 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW;RR E	1260	20 S1	80 oct.
Bethany (Oklahoma City)	8WNW	1300	44h S6	80,91 oct.Pwr line S.
Bomhoff (Calumet)	4.1 SSE;hwy S	1448	25 S4	73,80,91 oct.
Caddo Flying Ser.(Pt.Cobb)	6 SE;hwy S	1250	16 S2	80 oct.
(P) Chickasha	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts.
Cimarron (Yukon)	4 WSW;hwy N	1350	20h	
(P) El Reno	1.5 SW;RR N	1400	26 L S6	80 oct.Port rnwy lgts.
Geary	1.4 E;RR N	1300	21 S2	73 oct.
Garthoeffner Co. Club (Oklahoma City)	7.3 S;hwy E	1270	15h S6	80 oct.
Lake View (Yukon)(NC)	2.7 E;RR N	1275	24	PRIVATE.Poles N,S.
Max Westheimer (Norman)	2.7 NW;RR E	1178	50h S2	80,91 oct.
(P) Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Oklahoma City)	7.2 SSW;hwy W	1265	30 S6	80 oct.Poles N,W,SW.

OKLAHOMA

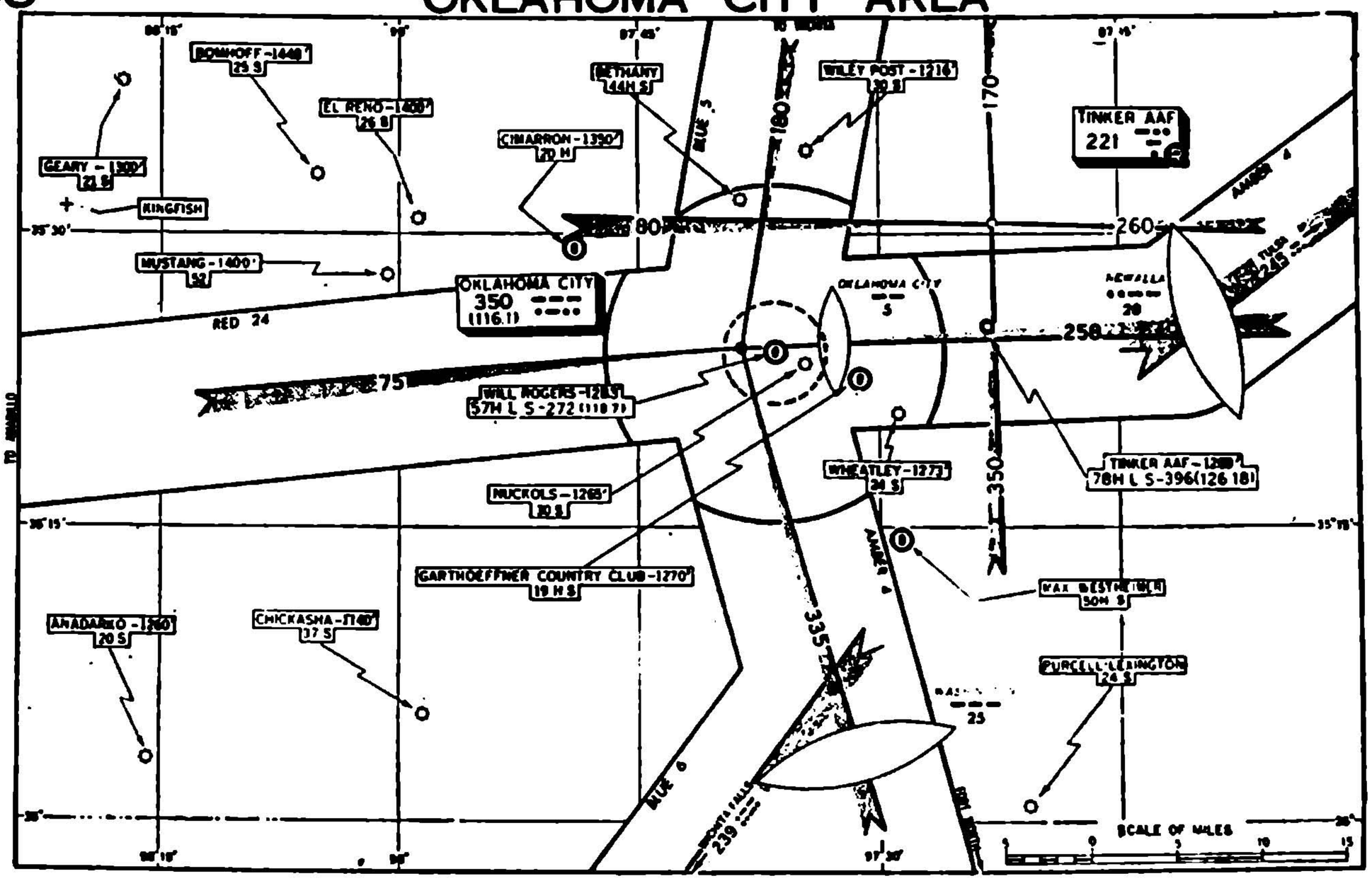
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW;riv W	1100	24 S2	80 oct.Trees S,SSW,SSE.
(A,N) Tinker (Oklahoma City)	8.5 SE;RR NE	1269	78h R2 L5 S6	62,91,100 oct.JP-1,NAPC. (A)
Wheatley Airpark (Moore)	0.6 NE;hwy W	1273	24 S6	73 oct.
Wiley Post (Oklahoma City)	7.9 NNW;hwy E	1216	30 S6	80,91 oct.Trees S.
WILL ROGERS (Oklahoma City)	7.5 SW;hwy E	1283	57h R2 L5 S6	80,91,100 oct.

TEXAS

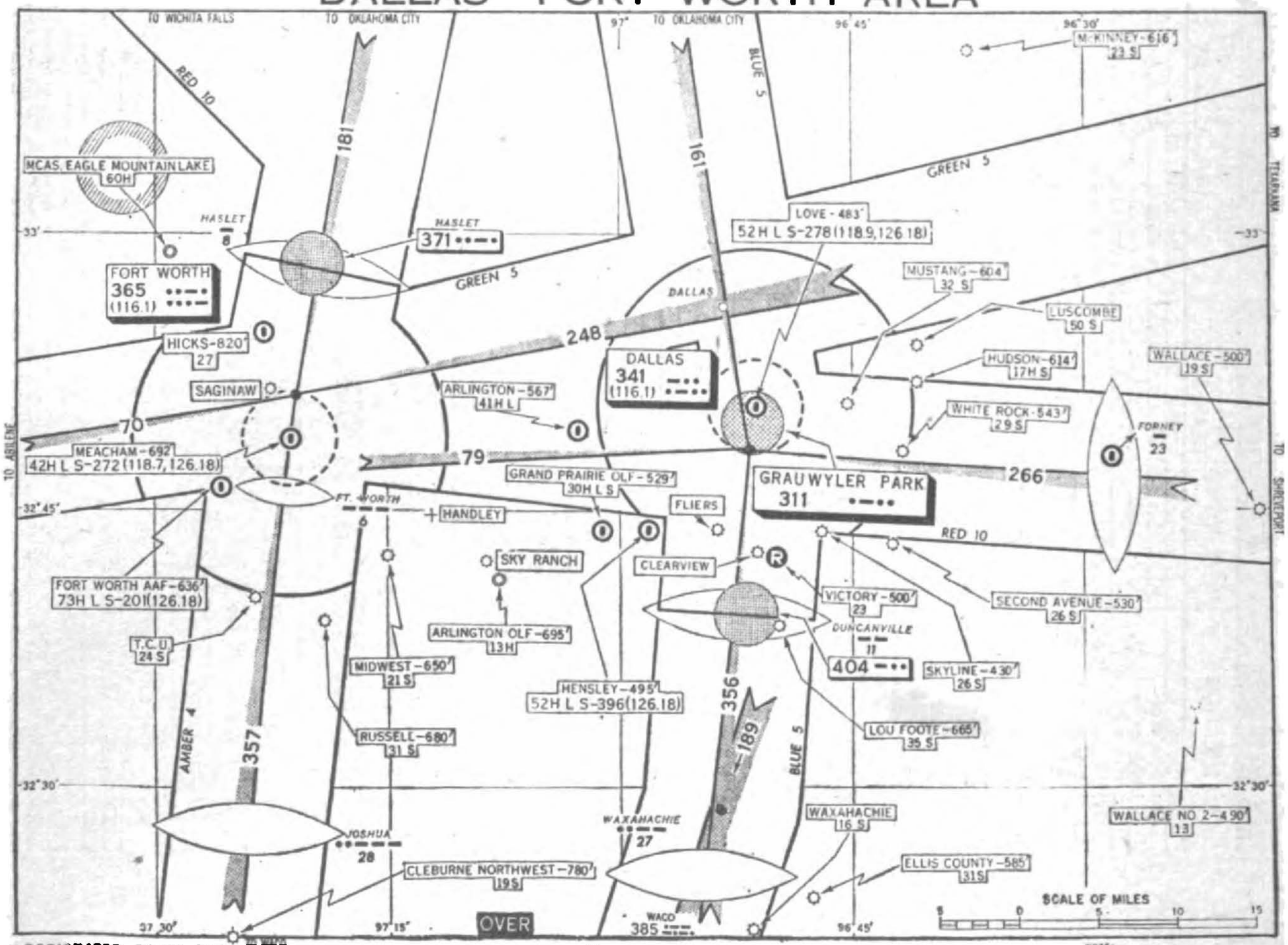
(N) Arlington-Midway	6.8 NNE;RR S	567	41h L5	Poles S.
(N) " OLP (N)	4 SSW;rd W	695	13h	
Clearview (Dallas)	5.1 SSW;RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
(N) Eagle Mtn Lake MCAS (Newark) (N)	1 SSE;RR NE	745	60h	INACTIVE.
(P) Ellis Co. (Waxahachie)	3.5 NE;RR S	585	31 S2	73 oct.Pole line S.
Fliers (Dallas)	6.2 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
(A) Fort Worth AAF (A)	6.8 WNW;lake N	636	73h R1 L5 S6	73,91,100 oct.JP-1.
(N) Grand Prairie OLP (N)	1 WSW;RR N	529	30h L5 S4	73 oct.No bcn.
Handley	0.6 NE;RR S	630	26 S6	73 oct.
(A,N) Hensley (Dallas)(A)(N)	11 WSW;hwy N	495	52h R1 L5 S4	73,91,100 oct.
Hicks (Fort Worth)	12.5 NNW;lk W	820	27	
Hudson (Dallas)	9.6 NE;RR SE	614	17h S6	80,91 oct.Pole line W.
Lou Foote (Dallas)	8.8 S;hwy E	665	35 S6	73,80,91 oct. Bldgs N,NE.
LOVE (Dallas)	5 NNW;RR SW	483	52h R3 L6 S6	73-100 oct. Poles S.
Luscombe (Garland)	2.2 WSW;RR N	610	50 S5	80 oct.No storage.
McKinney	2.1 S;hwy W	616	23 S2	80 oct.Poles E,W.
(P) MEACHAM (Fort Worth)	5.5 NNW;hwy NE	692	42h R3 L6 S6	73,80,91,100 oct.
Midwest (Fort Worth)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts.Pole line W,S.
Mustang (Dallas)	6 NNE;hwy NE	604	32 S6	80,91 oct.
(N) Russell (Port Worth)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Second Avenue (Dallas)	7 SE;RR N	530	26 S1	73,80 oct.Use strips.Poles S.
Skyline (Dallas)	3.2 SSE;riv E	430	26 S6	80,91 oct. Trees NW.
T. C. U. (Fort Worth)	6.6 SW;RR S	710	24 S6	80,91 oct.
Victory (Dallas)	4.6 S			ABANDONED
Wallace (Terrell)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W;hwy N	490	13	
Waxahachie	1.5 SSW;hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Sky Ranch (Arlington,Tex.)	3 SW; RR N	590	25 S2	80 oct.
Saginaw (Tex.)	0.5 WNW;RR E	790	26 S6	80,91 oct.
Kingfish (Hinton,Okla)	3 N; hwy N		19 S1	80 oct. Data Unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA

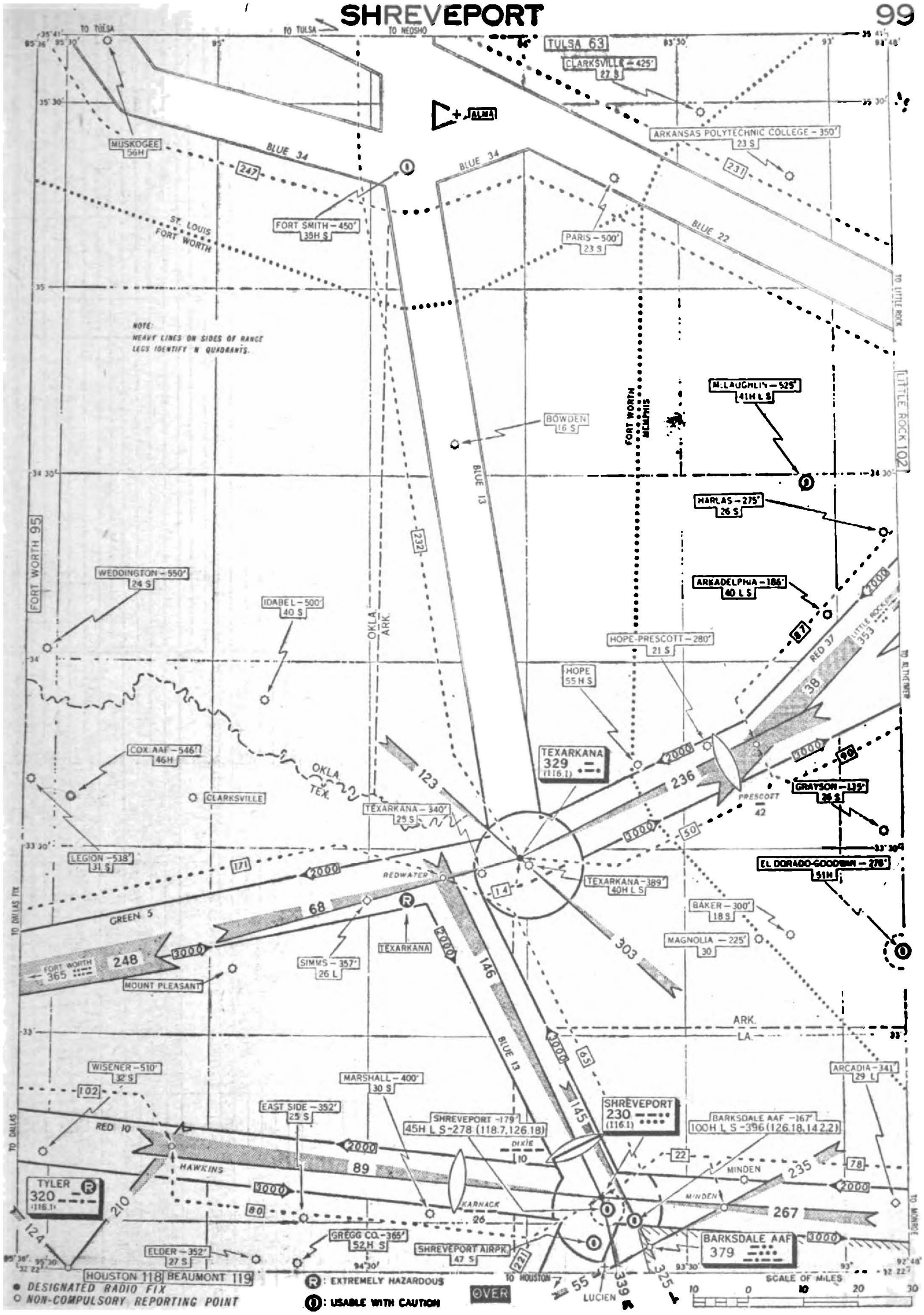


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓤ : USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE ARCS IDENTIFY "B" QUADRANTS.

SHREVEPORT


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
MUSKOGEE
56H
BLUE 34
247
ARKANSAS POLYTECHNIC COLLEGE – 350'
23 S
231
BLUE 34
FORT SMITH – 450'
35H S
ST. LOUIS
FORT WORTH
PARIS – 500'
23 S
BLUE 22
TO LITTLE ROCK
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY 'N' QUADRANTS.
BOWDEN
16 S
FORT WORTH
MEMPHIS
BLUE 13
M'LAUGHLIN – 525'
41H L S
LITTLE ROCK 102
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
40 S
OKLA.
ARK.
232
ARKADELPHIA – 186'
40 L S
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
COX AAF – 546'
46H
CLARKSVILLE
OKLA.
TEX.
TEXARKANA
329
(116.1)
TEXARKANA – 340'
25 S
123
2000
236
4000
PRESCOTT
42
50
90
GRAYSON – 115'
26 S
EL DORADO-GOODWIN – 278'
51H
LEGION – 538'
31 S
171
REDWATER
TEXARKANA – 389'
40H L S
14
GREEN 5
68
BAKER – 300'
18 S
MAGNOLIA – 225'
30
303
FORT WORTH
365
248
3000
SIMMS – 357'
26 L
TEXARKANA
2000
146
MOUNT PLEASANT
ARK.
LA.
BLUE 13
3000
65
WISENER – 510'
32 S
MARSHALL – 400'
30 S
ARCADIA – 341'
29 L
102
EAST SIDE – 352'
25 S
SHREVEPORT – 179'
45H L S – 278 (118.7, 126.18)
SHREVEPORT
230
(116.1)
145
BARKSDALE AAF – 167'
100H L S – 396 (126.18, 142.2)
RED 10
2000
89
HAWKINS
DIXIE
10
22
MINDEN
235
78
2000
TYLER
320
(116.1)
210
3000
80
KARNACK
26
MINDEN
267
124
GREGG CO. – 365'
52 H S
SHREVEPORT AIRPK
47 S
BARKSDALE AAF
379
3000
ELDER – 352'
27 S
221
HOUSTON 118
BEAUMONT 119
10 HOUSTON
55
339
325
LUCIEN
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
OVER

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4); 116.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
Barksdale Field	396(126.18,142.2)	CA(ALS);325°,4.4	(3); 126.18,142.2
DIXIE FM	(- - - -) +	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
➔ Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,

[redacted]

KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
➔ TYLER (Pounds)	320 (TQ)(116.1)	BMRLZ-VDT;126°,.6	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT. & MILEAGE (PLUS COMPASS LOCATORS)		
Barksdale, La.	110.3	335	323°Mag.	IM- (.07)	MM- (1.00)	OM- (4.39)
					MMK-	OMK-
Barksdale, La.	109.9		143°Mag.	IM- (.25)	MM- ·····(.64)	OM- -- (4.35)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105. 4495. 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ - Army-A C S. transmits on and guards 116 1. 137 88. 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct.Pole line N, NW.
➔ Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct.Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct.Pole line WSW.
(P) El Dorado-Goodwin (El Dorado)	8.6 W,hwy S	278	51h	
➔(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR 1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct.Lgts prior req.Use rnwy.
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
➔(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct.Bldg,twr N.All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR 1 S	500	23 S1	73 oct.Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake (Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct.Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct.Trees sur fld.
Northeast Aviation (Bastrop)	2 WSW	90	17 S4	80 oct.No sto. Data unver.
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
➔ Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct.Pole line SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) NC-(not charted) ➔ New or revised data

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(P) Muskogee	5.5 S,RR W	610	56h	Hill SW.
➔ Nashoba (NC)	0.8 SE,riv S			ABANDONED.
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.

[redacted]

➔ Dreed (Longview)	2 W,RR N			ABANDONED.
Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO FACS(See Spl Not.)
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct.Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct.Pole line W.
➔ Gladewater	2 WNW,RR S			ABANDONED.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct.Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
* Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct.Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

RADIO — ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5 (7-23)
BRUINS FM	(- - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-VDT,313°,3.8	(3); 116.1
STUTTGART	269 (DSA)	MRLWZ,173°, 4.7	
LOUISIANA			
MONROE (Selman)	359 (UO)(116.1)	SBMRLZ-VDT,250°,2.8	(4); 116.1
MISSISSIPPI			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD	281 (GD)(116.1)	BMLZ-VDT, 265°,1.9	(4), 116.1
JACKSON	260 (JA)(116.1)	SBRAZ-VDT,173°,2.4	(3), 116.1, 122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS)(116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice. W Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

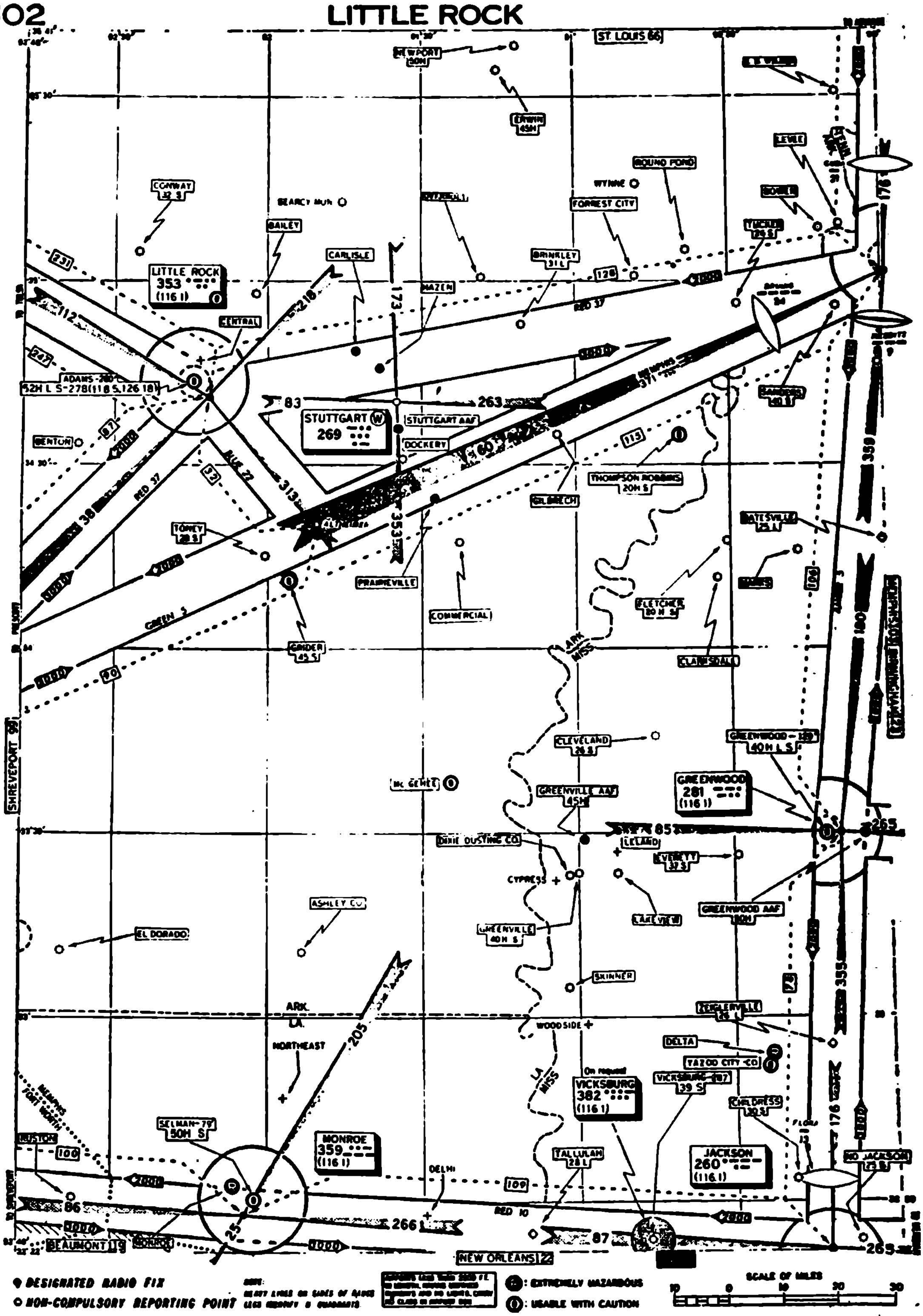
AIRPORTS — ARKANSAS

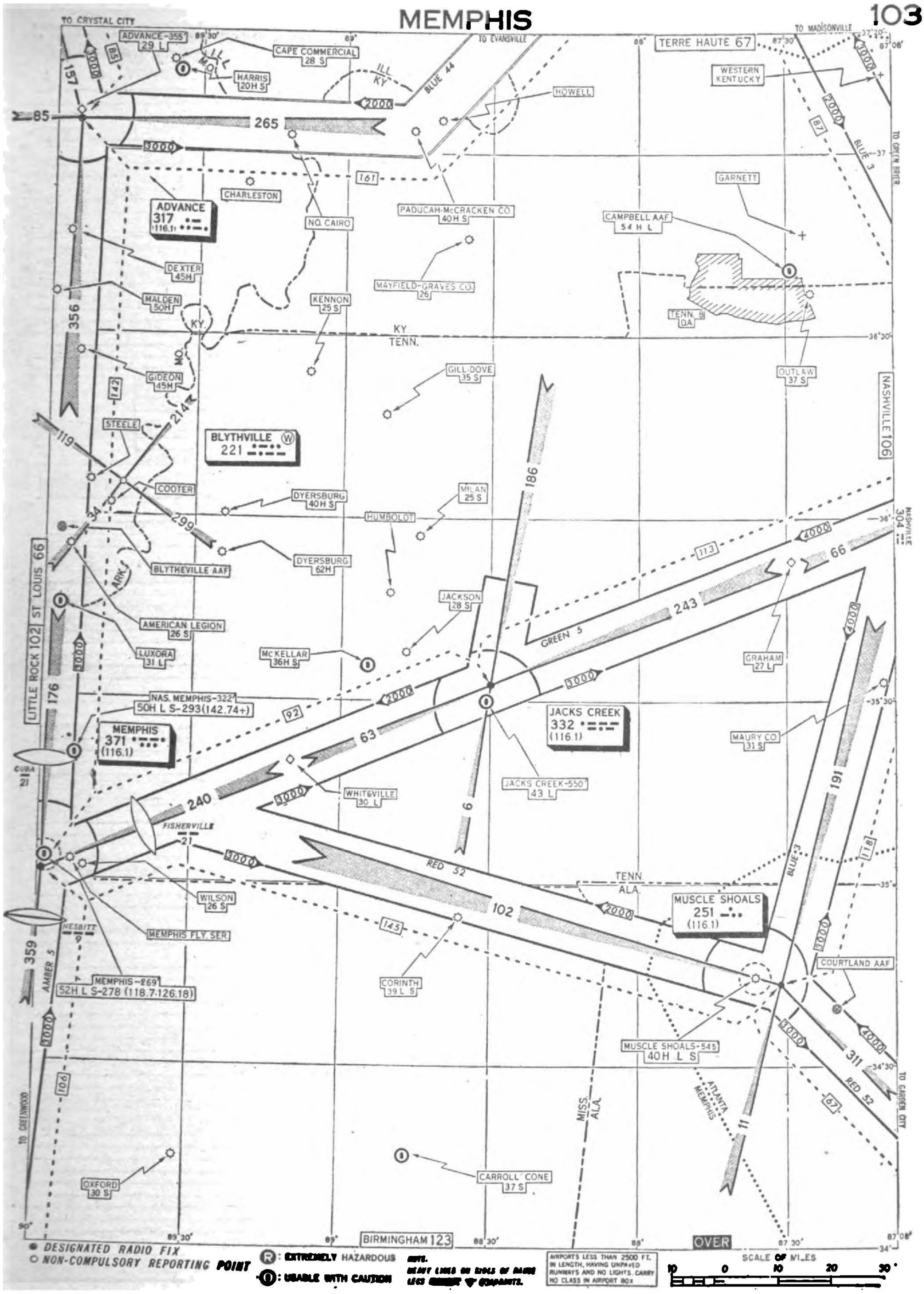
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.,73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1 5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart)(A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
Elaine	1.3 N,RR E			ABANDONED
EL DORADO	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart)(A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
Wright (Monticello)	1 ENE,hwy S	230	15	Pole line S.
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
LOUISIANA				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Monroe Airpark	2.5 N,riv W			ABANDONED
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy
SELMAN (Monroe)	4.6 E,RR N	79	50h R1	80,91,100 oct. hard surface.
* Tallulah Int.36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S.
MISSISSIPPI				
Augustine (Jackson)(NC)	11.5 NE,riv SE	335	40	
* Batesville Int.29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Delta (Yazoo)	3.3 NNE,RR SE			ABANDONED
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	73,80 oct.Pole line E,SE.
(A) Greenwood AAF (A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
* Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
Lee (Canton,Miss.)(NC)	1.4 WNW,RR E	300	38	Tank E.
Monroe Ark (La)	1.5 N;RR N		26 S6	Pwr line N
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct
Yazoo City County (Miss)	1.5 N		18 S1	80 oct Data unver

LITTLE ROCK


ST. LOUIS 66
NEWPORT 20H
EDWIN 45H
CONWAY 32 S
BEARCY MUN
BAILEY
CARLISLE
HAZEN
WYNNE
FORREST CITY
ROUND POND
BRINKLEY 31L
LITTLE ROCK 353 (116 I)
CENTRAL
ADAMS-280
52H L S-278(116 S,126 I)
STUTTGART 269
STUTTGART AAF
DOCKERY
263
283
BENTON
TONEY 28 S
PRAIRIEVILLE
COMMERCIAL
GILBRETH
THOMPSON ROBBINS 20H S
LEWIS
BOWIE
TUCKER 25 S
BATESVILLE 25 L
FLETCHER 30 H S
CLARENDALE
GRIDER 49 S
ARK MISS
CLEVELAND 26 S
GREENWOOD - 129 40H L S
GREENWOOD 281 (116 I)
GREENVILLE AAF 45H
DIXIE DUSTING CO
LELAND
EVERETT 37 S
CYPRESS
LAKEVIEW
GREENVILLE 40H S
GREENWOOD AAF 30H
SKINNER
ZIEGLERVILLE 25 L
WOODSIDE
DELTA
YAZOO CITY-CO
VICKSBURG 382 (116 I)
VICKSBURG 39 S
TALLULAH 28 L
JACKSON 260 (116 I)
RD JACKSON
EL DORADO
ASHLEY CO
NORTHEAST
SELMAN-79 30H S
MONROE 359 (116 I)
DELHI
BEAUMONT
NEW ORLEANS
SHREVEPORT
MEMPHIS FORT WORTH
HOUSTON
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30


TO CRYSTAL CITY
ADVANCE-355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
ILL
MO
ILL
KY
BLUE 44
TO EVANSVILLE
HOWELL
TERRE HAUTE 67
TO MADISONVILLE
WESTERN KENTUCKY
BLUE 37
TO GREEN RIVER
GARNETT
CAMPBELL AAF
54 H L
TENN. 9 DA
OUTLAW
37 S
NASHVILLE 106
85
265
157
161
CHARLESTON
ADVANCE
317
(116.1)
PADUCAH-McCRACKEN CO
40H S
NO. CAIRO
MAYFIELD-GRAVES CO.
26
DEXTER
45H
MALDEN
50H
KENNON
25 S
KY.
KY
TENN.
356
GIDEON
45H
142
214
GILL-DOVE
35 S
STEELE
119
BLYTHVILLE
221
COOTER
34
299
DYERSBURG
40H S
MILAN
25 S
HUMBOLDT
186
DYERSBURG
62H
BLYTHEVILLE AAF
ARK.
JACKSON
28 S
AMERICAN LEGION
26 S
LUXORA
31 L
McKELLAR
36H S
LITTLE ROCK 102
ST LOUIS 66
176
NAS. MEMPHIS-322
50H L S-293(142.74+)
92
JACKS CREEK
332
(116.1)
MAURY CO
31 S
MEMPHIS
371
(116.1)
CUBA
21
240
63
WHITEVILLE
30 L
JACKS CREEK-550
43 L
6
FISHERVILLE
21
RED 52
191
118
TENN
ALA
WILSON
26 S
NESBITT
MEMPHIS FLY. SER
145
102
MUSCLE SHOALS
251
(116.1)
COURTLAND AAF
359
AMBER 5
MEMPHIS-269
52H L S-278 (118.7-126.18)
CORINTH
39 L S
MUSCLE SHOALS-545
40H L S
311
MISS
ALA
ATLANTA
MEMPHIS
11
OXFORD
30 S
CARROLL CONE
37 S
BIRMINGHAM 123
OVER
243
GREEN 5
113
66
GRAHAM
27 L
NASHVILLE
304
90°
89 30'
89°
88 30'
88°
87 30'
87 08'
35 30'
35°
34 30'
34°
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

MEMPHIS

RADIO

ALABAMA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
MUSCLE SHOALS	251 (SD)(116.1)	SHOAL-VOR, 282°, 4.5	(1), 116.1

ARKANSAS

BLYTHEVILLE	251 (LY)	BLYTHEVILLE, 225°, 13.6	

KENTUCKY

MISSISSIPPI

MEMPHIS FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.

MISSOURI

ADVANCE (Int.)	317 (AP)116.1	LAMBAC-LOC, 356°, 1.4	(3), 116.1

TENNESSEE

CUBA FM	(- -)	FM, 350°, 20.5	Memphis
FISHERVILLE FM	(- - -)	FM, 80°, 20.5	Memphis
JACKS CREEK (Int.)	332 (JK)(116.1)	LOCALIZER, 158°, 2.62	(4), 116.1
MEMPHIS	371 (PS)(116.1)	OMNI-VOR,	(3), 116.1, 127.1
Memphis Airport	[illegible]	ACCESS, [illegible]	(4), [illegible]
Memphis Airport			DECOMMISSIONED
Memphis NAS	291 (142.74)	CM	142.74 (6-24)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. ROAD.	MARKER BEACON & RADIO (FLY) COMPASS LOCATORS		
Memphis, Tenn.	109.5	333.8	90 Mag.	(IM)-	(MM)- (66)	(OM)- (6.9)
					(MKR)-	(OMK)-
				(IM)-	(MM)-	(OM)-
					(MKR)-	(OMK)-

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4435, 6210 kcs. (4) 3105, 4435, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. -t - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS

ALABAMA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Courtland AAF (A)	1.5 SW; RR N	[illegible]	50h	CLOSED
Muscle Shoals	1.5 Mi com NW	545	40h, R1 L5 S6	80, 91 oct.

ARKANSAS

American Legion (Blytheville)	1.5 ESE; RR N	260	26 S6	80 oct. Pole line N. W. Stack E.
Cooter (Blytheville)	10 NE	260	40h	
★ Luxora Int, 39, MO-LS	1 NNE; hwy S	240	31 L2	
Steele (Blytheville)	12.3 N	258	40h	
(A) Blytheville AAF (A)	5 NW; RR SE	256	50h	CLOSED

ILLINOIS

North Cairo (Cairo)	3 NNW; RR E	312	24 S4	73 oct.

KENTUCKY

(A) Campbell AAF (Hopkinsville)(A)	12.8 S; RR E	557	50 L5	
Cornett (Hopkinsville)	6 SSE; hwy W		23 S1	80 oct. Data not verified.
Howell (Paducah)	4 WNW; RR S	371	21 S6	80 oct.
Mayfield-Graves County	3.6 ENE; hwy S	543	26	
PADUCAH-McCRACKEN CO. (Paducah)	6.8 S, RR N	405	40h S6	80, 91 oct. No sto.
← Western Kentucky (Greenville)	6.3 NE		23 S2	80 oct. Data unver.

MISSISSIPPI

(P) Carroll Cone (Cascilla)	3 W; hwy S	338	37 S1	80 oct.
Corinth 7, MS-3A	5 WSW; hwy N	418	39 L3 S4	80, 91 oct.
(P) Oxford	8 S; riv N, W	460	30 S2	73 oct.

MISSOURI

★ Advance Int, 48, MO-LS	0.6 WSW; RR S	355	29 R1 L1	
Cape Commercial (Cape Girardeau)	4.8 SW; RR S	340	28 S6	80 91 oct. 8' dike S.
Dexter (Malden)	12.5 NNE	315	45h	
Harris (Cape Girardeau)	6.5 SSW; hwy E	340	40h S6	80, 91 oct.
Harvey Parks (Sikeston)(NC)	2 NE; RR S	315	66	Pole line W. Allway area.
Malden	3.5 NW; RR E	260	40h	
Gideon (Malden)	1 SE of Gideon	208	45h	

TENNESSEE

Dyersburg	9 S; RR E	289	60h	
Dyersburg, Mun.	2 SW; riv N	337	40h S4	80 oct. No sto.
Dyer Riddle (Union City)	5 ESE; riv NNW	340	16h	Allway: 4x20 x 3960'.
(P) Gill-Dyer (Martin)	3.5 S; hwy E	416	35 S6	80 oct.
★ Graham Int, 59, DL-LV	1.5 NW; hwy E	536	27 L3	
Humboldt	4.6 ESE; hwy W	320	35 S1	80 oct.
★ Jacks Creek Int, 53, DL-LV	2 N; hwy E	559	43 R1 L3	
Jackson	2.5 ENE; hwy NW	450	28 S6	80 oct.
Kennon (Union City)	3.2 WSW; hwy N	350	25 S6	80 oct. No sto. Pole line N.
(P) McKellar (Jackson)	5.8 W; RR S	410	36h S6	80 oct.
Maury County (Mt. Pleasant)	2.5 ENE; RR SW	672	31 S2	80 oct. Pole line NW.
(A) MEMPHIS	5.9 SSE; RR NE	269	42h R3 L6 S6	73, 91, 100 oct. JP-1. Radio required.Obst W,SE,S,NW.
Memphis Flying Service (Memphis)	11 SE; RR 3 NW	266	35 L4 S6	80,91 oct.Pole line S.No ben.Lgts prior req.
(N) Memphis NAS (N)	16 NNE; RR NW	322	50h R3 L6 S6	91, 100 oct. NATS. Hwy.lgtg info not ver.
Milan	2.8 NNE; RR SE	421	25 S5	80, 91 oct.
Outlaw (Clarksville)	7.4 NNW; RR W	490	37 S5	80 oct.
Wilson (Memphis)	11.5 SE; hwy W	320	26 S6	73 oct.
★ Whiteville Int, 49, DL-LV	0.6 NNW; RR E	494	30 L3	
Charleston (Mo.)	1 ESE;RR NW	300	31 S2	80 oct. Poles S.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page III) (NC)-Not charted. → NEW OR REVISED DATA

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 28	Birmingham
KENTUCKY			
BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)
TENNESSEE			
→ BERRY FIELD (Nashville)	278(118.3,126.18)+	AC (ILS)	(4);126.18,118.3,122.5
CHATTANOOGA	341 (CB)(116.1)	SBRAZ-VDT	(3);116.1
→ Chattanooga-Lovell Field	278(126.19,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 28	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 276°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
→ NASHVILLE (Berry)(116.1)	304 (NA)	SBRAZ-DTV, 246°, 2.6	(3);116.1,122.1
SMITHVILLE (Int)	347 (XM)(116.1)	SBMRAZ-VDT, 177°, 1.4	(4);116.1
SMYRNA AAP (Nashville)	219 (126.18)+	[redacted] (ILS)	(3);126.18
WALTERHILL FM	(- -)	FM, 129°, 19.6	Nashville

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BERRY, TENN.	109.9		14° Mag.	IM	MM (.81)	OM (4.17)	
					MMK	OMK	
SMYRNA AAF, TENN.	109.5 -·-·	335	230° Mag.	IM (.04)	MM ..... (.81)	OM -- (4.31)	
					MMK	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
→ Athens	3.2 NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam (Decatur)(NC)	7 E;RR W	580	20	
→ Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
→ Decatur	4 WNW;hwy N			ABANDONED
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
→ Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
→ HUNTSVILLE	3.1 S;RR E	610	30h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
→ Pryor (Decatur)	4 NNE;hwy N	588	44 S6	80,91 oct.

GEORGIA

Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N,W; hill SW.
Clevenger's Airpark (Marietta)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton (Cartersville)	2.5 N	790	23	Hills S,W,N; Wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E.
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W.
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(P) Russell (Rome)	7 N;hwy W	644	45h	

KENTUCKY

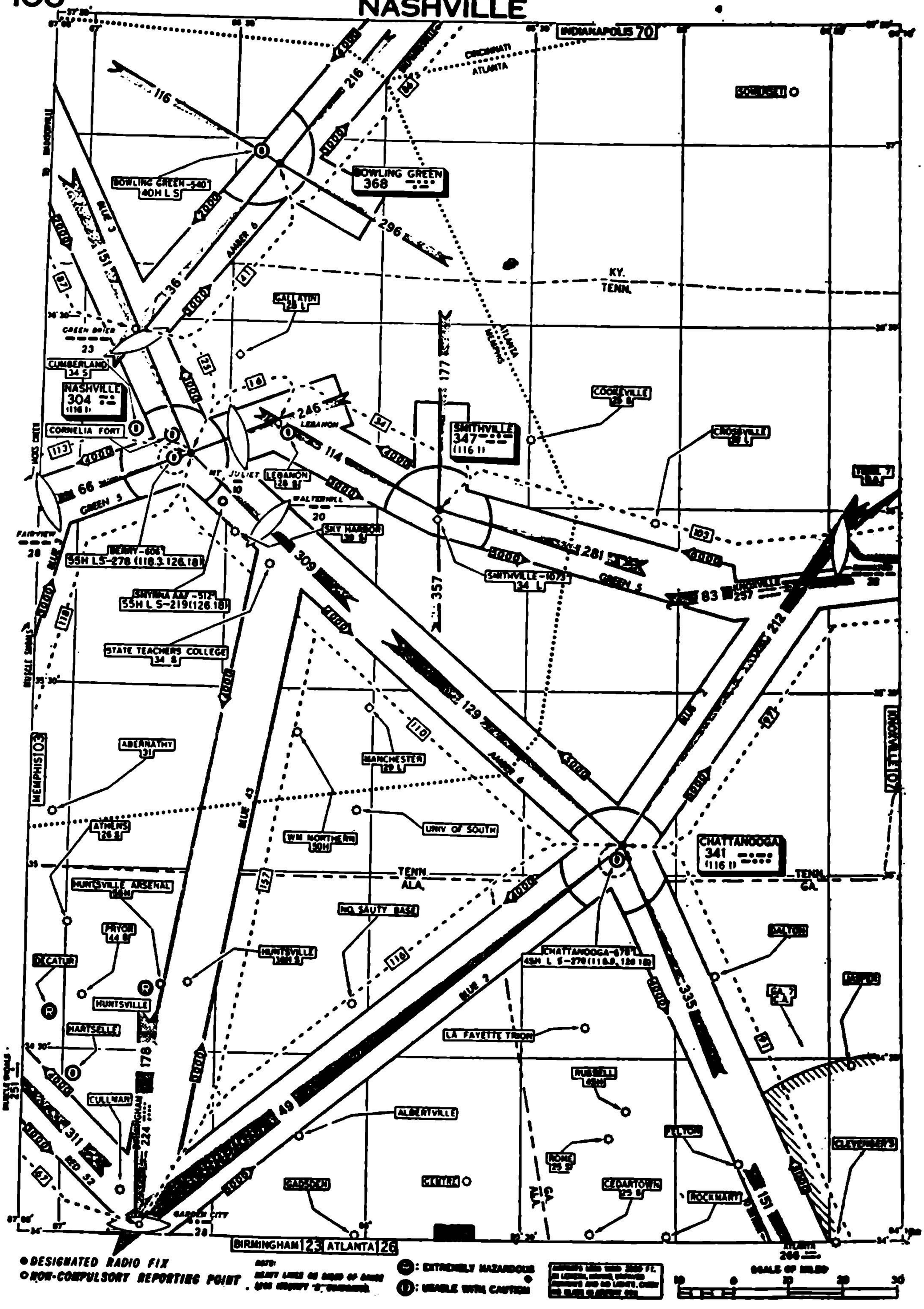
(P) Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Somerset	5 N; RR W		20 S2	80 oct. Data not verified.

TENNESSEE

(P) Abernathy (Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P) BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73,100 oct.
Boyd (McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E;RR E	678	45h R2 L5 S6	80,91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto in emerg. Poles W.
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data not verified.
Crossville,9,NA-NA	3.3 WNW;hwy S	1862	30 L3	
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
★ Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
★ Manchester Int,16A,AC-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct. No storage. Poles NE.
★ Smithville Int,5,NA-NA	1 E;road S	1073	34 R1 L3	
(A) Smyrna AAF (Nashville)(A)	17 SE;RR SW	512	55h R3 L5 S6	73,91,100 oct. JP-1. No rng.
State Teachers College(Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
William Northern (Tullahoma)	2 WNW;road S	1081	50h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See map XIII) (NC)-Not charted. → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 70
CINCINNATI
ATLANTA
KY.
TENN.
BOWLING GREEN
368
BOWLING GREEN-440
40H L S
NASHVILLE
304
(116 I)
CUMBERLAND
34 S
CORNELIA FORT
SMITHVILLE
347
(116 I)
COOKEVILLE
LEBANON
MT. JULIET
SMYRNA AAF-312
55H L S-219(126.18)
SMITHVILLE-1073
24 L
SKY HARBOR
STATE TEACHERS COLLEGE
34 S
ABERNATHY
31
ATHENS
26 S
HUNTSVILLE ARSENAL
HUNTSVILLE
PRYOR
44 S
DECATUR
HARTSELLE
CULLMAN
MANCHESTER
UNIV OF SOUTH
WM MONTHERN
TENN.
ALA.
HQ. SAUTY BASE
LA FAYETTE TROOP
ALBERTVILLE
CENTRE
GADSDEN
CEDARTOWN
ROME
RUSSELL
PELTON
ROCK MART
CHATTANOOGA
341
(116 I)
CHATTANOOGA-678
45H L S-279(116.8, 126.18)
DALTON
CLEVELAND
TENN.
GA.
MEMPHIS 103
KNOXVILLE 107
BIRMINGHAM 23
ATLANTA 26
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES

KNOXVILLE

ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA

TO CINCINNATI

COLUMBUS 71

TO CHARLESTON

PAYNESVILLE 356

JOOY 25 S

RICHLANDS

POWELL VALLEY 25 S

MIDDLESBORO 26 S

KY.

VA.

TENN.

TRI-CITY-1518' 45H L S

CHILHOWIE 34 L S

CHILHOWIE 43

MORRISTOWN

TRI-CITY 221 (116.1)

W. JEFFERSON

PIEDMONT 28

ISLAND 35 S

TENN. 7 DA

GREEN 5

TENN.

N. CAR.

MORGANTON

MICAVILLE

KNOXVILLE-988' 50H L S-278 (118.7, 126.18)

278 KC. LOW POWERED RANGE ON REQ.

KNOXVILLE 257 (116.1)

JOSEPHSON

BLACK MT.

FRANCIS MARION

MORGANTON-LENOIR

OWENS

FALLASSEE 23

SYLVA 25

ASHEVILLE-HENDERSONVILLE 40 H L S

RUTHERFORD

BYERS

HENDERSONVILLE 30 S

FRANKLIN

H AND H FLY. SVC.

GREENVILLE 281 (116.1)

FAIRFOREST

PARIS MT.

N. CAR.

GA.

S. CAR.

GREENVILLE-1015' 42H L S

MEMORIAL-804' 44H L S-317 (118.7, (126.18)

LE TOURNEAU 30 L S

GREENVILLE AAB-942' 55H L S-272 (126.18)

SPARTANBURG 248

GA. 7 CA

RIVERBEND

BARKSDALL 30 S

GAINESVILLE 40 H S

CRAWFORD W. LONG 27 S

ANDERSON-783' 50H L S

CORONACA 50H

WINDER 30 L

ATLANTA 266

ELBERTON

BENTLEY

GREENWOOD

ALLEN

ATLANTA 126 SAVANNAH 131

OVER

TO BOLD SPRING

TO SMITHVILLE

TO NASHVILLE 106

TO MOORESVILLE

TO CHARLOTTE 110

TO PULASKI

235 RED 27 192 5000 155 BLUE 39 6000 7000 140 98 8000 245 7000 6000 65 243 GREEN 5 101 103 83 5000 335 148 74 4000 238 3000 66 182 24 92 272 4000 8 328 114 58 131 GREEN 6 235 3000

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(E). EXTREMELY HAZARDOUS

(U): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BLOCK LEGS IDENTIFY "E" QUADRANTS.

SCALE OF MILES

30 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON			DECOMMISSIONED
GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 2°, 2	(4); 116.1
Greenville AAD	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248 (SU)	SBRAZ-DT,58°,1.6	(3)
KNOXVILLE			
KNOXVILLE	257 (KX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.8	(4); 118.7, 126.18, 122..
Knoxville Airport	278	(Low powered range)	(4)(on req.)
PIEDMONT FM	(- -)	FM, 66°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-VDT,252°, 3.3	(4), 116.1
MORRISTOWN			
CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.
COMMUNICATIONS			
PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. COURSE	MARKER BEACONS & VILLAGE (PLUS COMPASS LOCATORS)		
Knoxville, Tenn.	110.3	335	400°Mag.	IM-	MM- 0.6	OM- 4.9
					MMK-	OMK-

S Simul. Range and Voice. W Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.6 S,RR E,NW	1277	40h(L5)S6	80,91 oct. Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
Riverbend(Gainesville)	4.5 N, in bend of river			ABANDONED
☆ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.
MADISONVILLE				
Jody (Loudon)	3 S,hwy E	1240	25 S3	80 oct.
Middlesboro	1.2 W,hwy S	1150	28 S4	80 oct.

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.6 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	50, 91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct.
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
H&H Flying Service (Brevard)	1.5 ENE;Riv S RR N	2140	20 S1	80 oct. P-Line W'NW
Micaville	1 S, RR W	2500	21	N, S blocked
Owens (Asheville)	2.3 SSW; RR E	1988	25 S6	80,91 oct
ANDERSON				
Anderson	4.5 WSW,hwy S	783	50h L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts. Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
Coronaca (Greenwood)	3.8 N,RR E	629	50h	
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
(N) GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct. No bndry lgts.
(A) Greenville AAD (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(N,P) MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military.
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S8	80 oct. Pwr line NW.
KNOXVILLE				
Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.3 ESE Kingsport.
MORRISTOWN				
☆ Chilhowie Int,28B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE. Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct. Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	30 S2	80 oct.

1-Has limited runways. 2-Has facilities. L-Lighted facilities. S-available for use. (P)-Private use. (C)-Not charted. —► Key on reverse page.

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas).	212(CF)(116.1)	BMLZ-VDT,359°, 1.7	(3); 116.1
➤DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122 ..
GREENSBORO	365(GW)(116.1)	SBRAZ-VDT	(3); 116.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4); 118.7,126.18,131.9
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3); 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS),355°,2.5	(3); 116.1,126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-VDT(ILS) 299°, 3.8	(4); 116.1
➤SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.9
WINSTON-SALEM (Smith-Reynolds Airport).	379 (DWS)	MRLWZ,328°, 5.1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116.1)	SBMRLZ-VDT, 292°,1.7	(4), 116.1

[redacted]

DANVILLE	344(VE)(116.1)	MHVT	(4); 116.1
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4), 116.1
ROANOKE (Woodrum Field)	317(RO)(116.1)	SBRAZ-VDT, 349°,2	(3); 116.1
➤WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122 .,118.5,126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Pope,N C	110 3	335	360° Mag.	IM- (.04)	MM- ..... (4.00)	OM- (4.18)
					MMK-	OMK-
Raleigh,N.C.	109 9	333.8	50° Mag.	IM-	MM- ..... (.62)	OM- .. (4.5)
➤					MMK-	OMK-
				IM-	MM-	OM-
					MMK	OMK-
				IM	MM	OM-
					MMK-	OMK-

S-Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army ACS transmits on and guards 116 1, 137 88, 140 58 mcs

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
➤Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto. P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	28	
(P)Burlington	4 SW,hwy W	638	28 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
Camp MacKall (Hoffman)	3.5 E	350	50h	
Candor (NC)	1.1 E,RR N	[illegible]	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	786	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE,RR W	730	19 S2	No fuel.
➤Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct. Flare pots prior
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd F.S	700	19 S2	80 oct. Pole line NE

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto. Poles NW
(A)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S6	80,91 oct; ltd 91 oct Army.
➤Durham Airways	7.8 N,RR E	310	14 S1	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild-Civil (Burlington)	1.5 E,RR S	640	35h	
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
Gastonia	1.3 SW	795	16h S4	80 oct.Pwr line SSW.
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L	Port rnwy lgts.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.4 SE,RR W	550	22	Pwr line SSE.
GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts, Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct.
Raleigh	3.3 SSW,RR W	384	28h S6	80,91 oct.
➤RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	433	45h R3 L6 S4	80,91,100 oct. No twr
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR W	600	24 S2	80 oct. E.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

SOUTH CAROLINA

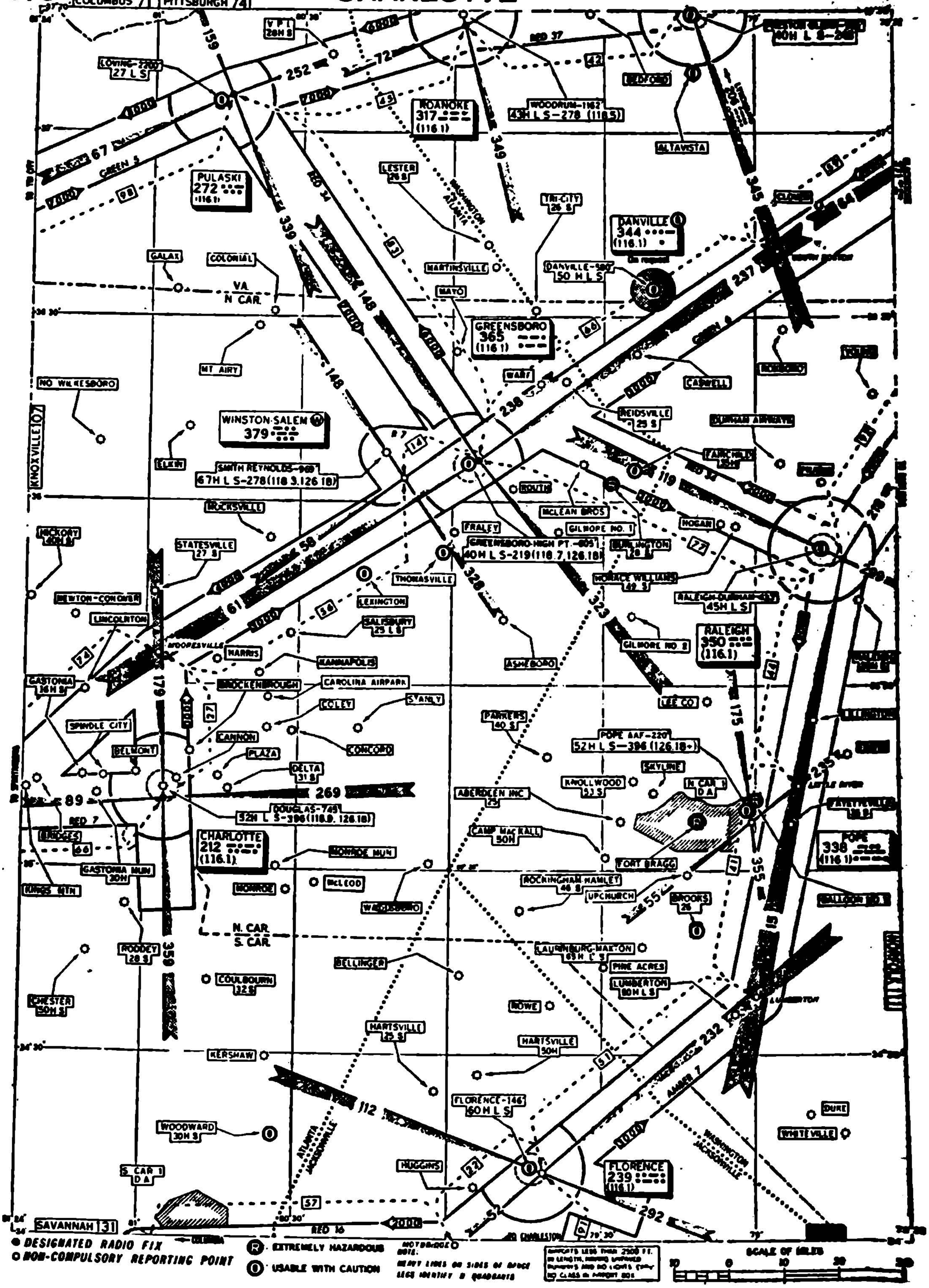
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.

[redacted]

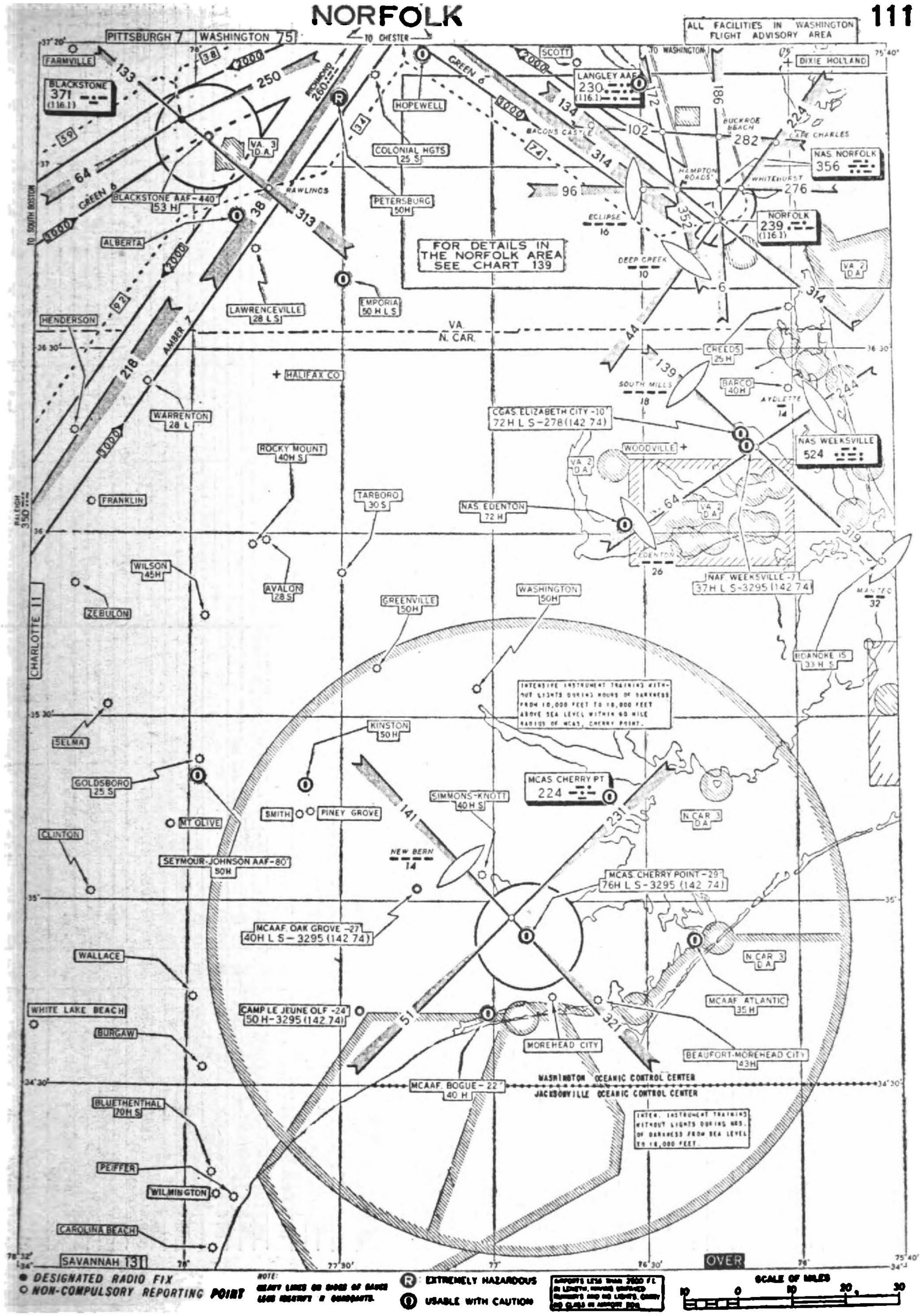
Allavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedforo	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h R1 L5 S6	80,91 oct.
[illegible]	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	900	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
➤Duke Fld (Chadbourn) (N.C)	1 N; RR SW	96	20 S6	80 oct.
➤Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S.	
➤Mc Leod (Wintgate)(N.C)	1.5 SE; RR N	565	22 S?	80 oct. No sto

A-Aircraft runways, B-radio facilities, L-lighting facilities, S-servicing (See page [illegible]) NC (not checked) ➤NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 71
PITTSBURGH 74
VPI 28H S
LOVING-2700 27 L S
ROANOKE 317 (116.1)
WOODRUM-1167 43H L S-278 (118.5)
BEDFORD
ALTAVISTA
LYNCHBURG 40H L S-267
PULASKI 272 (116.1)
LESTER 26 S
TRI-CITY 26 S
DANVILLE 344 (116.1)
GALAX
COLONIAL
VA
N CAR
MARTINSVILLE
MAYO
DANVILLE-500 50 H L S
GREENSBORO 365 (116.1)
MT AIRY
NO WILKESBORO
WINSTON-SALEM 379
SMITH REYNOLDS-969 67H L S-278(118.3,126.18)
ELKIN
KNOXVILLE 107
WART
CASWELL
REIDSVILLE 29 S
DURHAM AIRWAYS
SOUTH
MCLEAN BROS
GILMORE NO. 1
HOGAN
FRALEY
GREENSBORO-HIGH PT.-605 40H L S-219(118.7,126.18)
BURLINGTON 28 S
HORACE WILLIAMS 42 S
STATESVILLE 27 S
HICKORY 40H S
NEWTON-CONOVER
LINCOLNTON
THOMASVILLE
LEXINGTON
SALISBURY 29 L S
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
RALEIGH 350 (116.1)
RALEIGH-DURHAM 45H L S
CASTONIA 16H S
BROCKENBROUGH
CAROLINA AIRPARK
COLEY
STANLY
SPINDLE CITY
BELMONT
CANNON
PLAZA
CONCORD
DELTA 31 S
PARKERS 40 S
POPE AAF-220 52H L S-396(126.18-)
SKYLINE
KAROLLWOOD 33 S
ABERDEEN INC 25
CAMP MACKALL 50H
FORT BRAGG
ROCKINGHAM-HAMLEY 46 S
UPCHURCH
BROOKS 26
LAURINBURG-MAXTON 69H L S
PINE ACRES
LUMBERTON 60H L S
ROWE
HARTSVILLE 25 S
HARTSVILLE 50H
FAYETTEVILLE 38 S
POPE 338 (116.1)
SALISBURY 40H S
KERSHAW
LEE CO
DOUGLAS-745 52H L S-396(118.9,126.18)
CHARLOTTE 212 (116.1)
MONROE MUN
MONROE
MCLEOD
WADESBORO
GASTONIA MUN 30H
KINGS MTN
RUTHERFORDTON 30H S
BRYCEVILLE
N. CAR
S. CAR
ROCKINGHAM
BELLINGER
COULBOURN 32 S
FLORENCE-146 60H L S
WOODWARD 30H S
S CAR 1 DA
HUGGINS
FLORENCE 239 (116.1)
DURE
WHITEVILLE
SAVANNAH 31
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES

NORFOLK


PITTSBURGH 7
WASHINGTON 75
TO CHESTER
ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
FARMVILLE
BLACKSTONE 371 (116.1)
BLACKSTONE AAF-440' 53 H
ALBERTA
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HOPEWELL
COLONIAL HGTS 25 S
PETERSBURG 50H
RAWLINGS
VA. 3 D A
GREEN 6
AMBER 7
PIEDMONT 260
SCOTT
LANGLEY AAF 230 (116.1)
TO WASHINGTON
DIXIE HOLLAND
BACONS CASTLE
BUCKROE BEACH
CAPE CHARLES
NAS NORFOLK 356
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
VA. 2 D A
HENDERSON
WARRENTON 28 L
VA.
N. CAR.
HALIFAX CO
CREEDS 25 H
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS ELIZABETH CITY -10' 72 H L S-278 (142.74)
NAS WEEKSVILLE 524
WOODVILLE
EDENTON 26
NAF WEEKSVILLE -7' 37 H L S-3295 (142.74)
MANTEO 32
ROANOKE IS 33 H S
ROCKY MOUNT 40H S
TARBORO 30 S
NAS EDENTON 72 H
FRANKLIN
WILSON 45H
AVALON 28 S
ZEBULON
GREENVILLE 50H
WASHINGTON 50H
KINSTON 50 H
SELMA
GOLDSBORO 25 S
SMITH
PINEY GROVE
MT OLIVE
CLINTON
SEYMOUR-JOHNSON AAF-80' 50H
NEW BERN 14
SIMMONS-KNOTT 40 H S
MCAS CHERRY PT 224
N CAR 3 D A
MCAS CHERRY POINT -29' 76H L S-3295 (142.74)
MCAAF OAK GROVE -27' 40H L S-3295 (142.74)
WALLACE
WHITE LAKE BEACH
BURGAW
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
MCAAF ATLANTIC 35 H
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
MCAAF BOGUE-22' 40 H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
BLUETHENTHAL 20H S
PEIFFER
WILMINGTON
CAROLINA BEACH
SAVANNAH 131
CHARLOTTE 11
RALEIGH 350
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
CAMP LE JEUNE OLF (New River)	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
→ Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324 (NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
MANTEO FM (Navy)	(- -)	FM,139°,32	Weeksville NAF
[redacted]			
BLACKSTONE (AAF)	371 (KT)(116.1)	BMLZ-VDT,133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
LANGLEY FIELD (Army)	230 (DLY)(116.1)	SBMRAPZ-VDT;102°,35	(3); 116.1
NORFOLK	239 (NW)(116.1	SBMRLZ-VDT,44°,3.4	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°,2.9	

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	INACTIVE.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
→ (N) Cherry Point MCAS	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct. (N)
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	1.8 NNW	25	50h	
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
(N) Kinston (N)	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS(See Spl Not.)
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole li E.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int.46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct. (N)
(P) Wilson	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW,rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
→ Morehead City	5WNW;RR N	15	23 S4	80 oct No sto
→ Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct.
→ Smith Fld (Kinston)	3.7 SW; riv N,W	40	26 S4	80 oct P-line ENE
→ White Lake Beach	0.2 NW; lake S	75	18 S4	80 oct No sto. (White Lake)
→ Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct. N & E blocked.

VIRGINIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone AAF (A)	2.5 ESE,hwy N	440	53h R1	TMP INACT NO FACS(See Spl Not.)
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC)
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct. Trees sur fld.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60 trees NE,SW,W. (NC)
Dixie Holland (Cape Charles)	1.5 ENE;hwy S		22 S1	80 oct Unverified.
Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER, REMARKS
ALICE	224(FZ) 388(JI)	(118.1) SBRAZ, 72°, 3.6	
Brownsville (International Arpt)		SBRAZ-VDT, 150°, 2.3	(3);116.1
CLIFF MAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.18,131.9(7-23)
CORPUS CHRISTI (Cliff Maus Field)	382(CR)(116.1)	SBMRIZ-VDT,138°,2.9	(3);116.1
Corpus Christi (Navy)	248 (NGP)	MLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN;350°,3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
CUDDIHY NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.18, 118.7)	C(ILS)	(4);118.7,126.18,131.9 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-VDT,137°,3.1	(4);116.1
LOS FRESNOS FM	(-)	FM, 338°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 282°, 29.5	Brownsville
PALACIOS	350(UX)	MLWZ. 118°, 1,6	
PLEASANTON FM	(- - -)	FM, 174°, 44.2	San Antonio
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
INTERNATIONAL, TEXAS	110.3 ---- ..	335	170° Mag.	IM	MM ·····(.66)	OM ——(4.34)	
					MMK		OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 9117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	46h L5 S6	80,91 oct.
(A) Alice AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur fld.
★ Austwell Int.5A.CR-HU	2.1 SSW;hwy NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h R1	INACTIVE.
Chupadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
(N) CLIFF MAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.NATS,NAFC.
(N) " OLP #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLP #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLP #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLP #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
(N) Cuddihy NAAS (Corpus	7.8 SW;arb S	30	50h R1 L5 S4	91 oct.

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Spgs)	2.8 E;hwy N	640	25 S1	
Eagle Pass	10 N;RR N	878	59h	Ltd 80 oct.Pole line ends strps.
" mun.	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (NC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen, com.	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen	5 NW;RR SW	40	13	Pole line S.
" mun.	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct.ARPT OF ENTRY.
Kalher (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int.11,JI-FV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Laja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W,S.
LAREDO	3.5 NE;hwy NNE	512	66h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W.
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner.TMP INACT NO FACS.(SEE SPL NOT)
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
Moore (Mission)	12 W;RR E	219	50h	
" #1 (Mission)	10 N Edinburg	80	40h	
" #3 (Mission)	5 N LaGrulla	300	30h	
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV	5 WNW;RR W	368	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
★ Raymondville Int.5,JI-FV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Pwr NW.
San Benito.2,JI-FV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Sharp (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
Stockton (Palfurrias)	2 NW;RR E	100	27 S1	80 oct.Lake SW.
Tanner Sea & Land Plane Base (Port Lavaca)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld.
Treyland (Beeville)	2 NW;RR E	229	19 S2	80 oct.Poles E.
Victoria	5.5 W;hwy SW	107	25 S6	80 oct.
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	80,91 oct.
Wornham (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.

114 - CORPUS CHRISTI

SAN ANTONIO 115 | HOUSTON 118

EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
LAREDO 206 (116.1)
LAREDO
WORMSER
POTEET
PLEASANTON
EDGERTON
FOSTER NO 4
KENEDY
ALOE AAF
PAWNEE
ALOE NO 10
TRAVLAND
NAAS. CHASE
ROOKIE
VICTORIA
FOSTER
EDNA
HOUSTON 332
TO ARCOLA
OLD OCEAN
LAKE JACKSON
BRAZOSPORT
BAY CITY
PALACIOS 350
PALACIOS
TANNER
MATAGORDA PENINSULA
AUSTWELL
MATAGORDA IS. BOMBING AND GUNNERY RANGE
ROCKPORT
ALICE 224
ALICE
CORPUS CHRISTI 382 (116.1)
WEESMAN
OLF NO 25
NAAS. KINGSVILLE (NORTH)
KINGSVILLE
STOCKTON
MOORE NO 1
MOORE
MOORE NO 3
COMMERCIAL
ELSA
SHABY
KAHLER
MAGIC VALLEY
MCALLEN
MID-VALLEY
MERCEDES
CENTRAL VALLEY
RAYMONDVILLE
FOX
HARLINGEN
HARLINGEN MUN.
HARLINGEN COM.
PORT ISABEL
SAN BENITO
LOS FRESNOS
MAULDIN
BROWNSVILLE 388 (116.1)
INTERNATIONAL 278 118.7, 126.18
TEXAS
MEXICO

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA

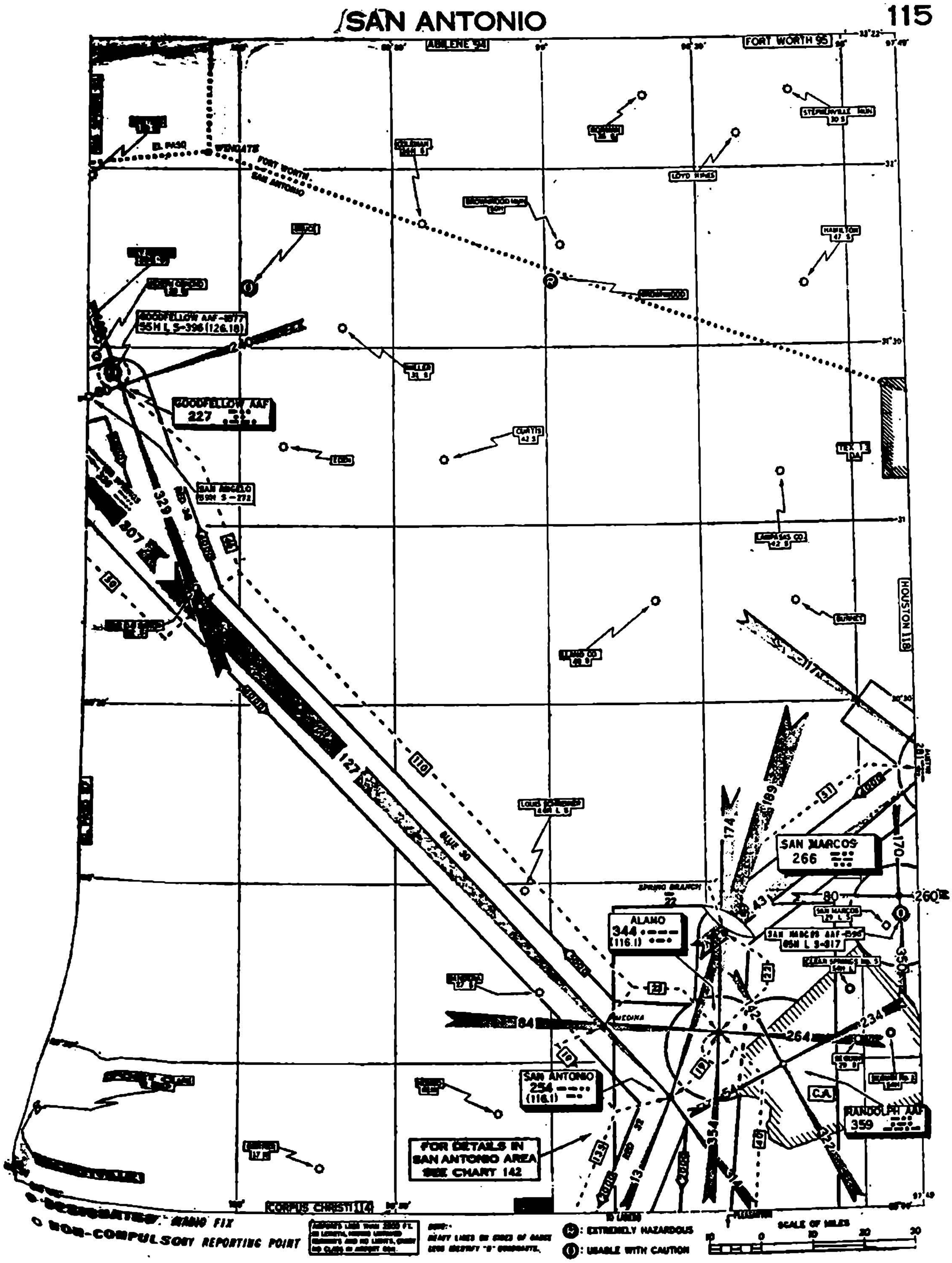
CORPUS CHRISTI AREA

COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 (116.1)
HUNT
GREGORY
NAS. CORPUS CHRISTI 248
CLIFF MAUS 278 118.3
NAS. CORPUS CHRISTI 248 142.74
NAS. CORPUS CHRISTI (SEAPLANE) 2870 142.74
NAAS. CABANISS 142.74
NAAS. CUDDIHY 142.74
NAAS. RODD 142.74
NAAS. WALDRON
OLF No. 10
OLF No. 11
OLF No. 41
SCALE OF MILES

OVER

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

EXTREMELY HAZARDOUS ① USABLE WITH CAUTION


ABILENE 93
FORT WORTH 95
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
GOODFELLOW AAF
227
GOODFELLOW AAF
95 H L S-396 (126.15)
SAN ANGELO
329
307
127
110
35
10
ALAMO
344
(116.1)
SAN MARCOS
266
SAN ANTONIO
254
(116.1)
RANDOLPH AAF
359
HOUSTON 118
CORPUS CHRISTI 114
FOR DETAILS IN
SAN ANTONIO AREA
SEE CHART 142
RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°.2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice W-Without Voice. 2 VHF Range Station Location Marker. (3) 3105 4495 6210 kcs. (4) 3105 4495 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column indicate VHF Voice +—Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
→Brownwood				ABANDONED
Brownwood Mun.	6.3 NNE;RR S	1386	50h	
Bruce (Ballinger)	4.5 SSW;RR NW	1731	23h	Allway: 7497 x 5280'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
Hondo	2.1 NW;RR S	929	61h	
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherril (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
→South Coleman (Coleman) (NC)	1 S;hwy NW			ABANDONED.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 226°, 15	Houston
AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 2	(3); 116.1
BERGSTROM FIELD (Austin)	396(126.18)+	CA	(4); 126.18
HOUSTON	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4);131.9,126.18,118.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
→ NAVASOTA (Int.)			DECOMMISSIONED
RICHMOND	391 (UT)	MRLW	
→ ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,131.9 (7-23)
WACO (Mun.)	385(WC)(116.1)	SBRAZ-DTV;9°,2.6	(4); 116.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
→ YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. 2-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116 1, 137 88, 140 58 mcs

AIRPORTS — TEXAS

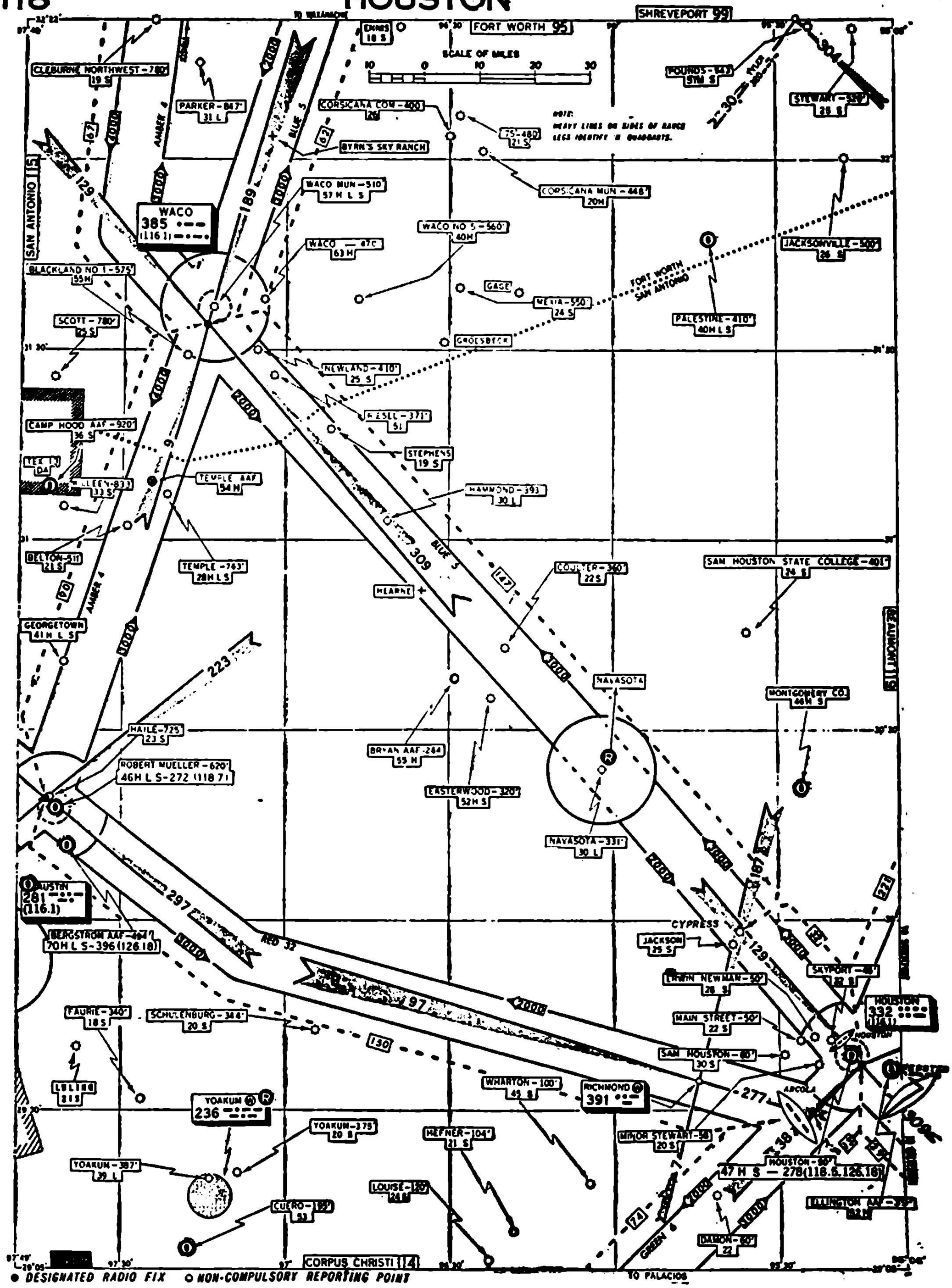
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE,
Blackland #1 (Waco)	11 WSW;RR S	575	55h	NW.
→ (A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS(SEE
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified. SPL NOT)
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36 S1	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h	UNUSABLE.Acft parked
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence entire fld.
Cuero	3.1 N;RR SE	195	53	SW.
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P)Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
→ (A) Ellington(Houston)(A)	15 SE;RR W	39	52h	TMP INACT.NO FACS.(SEE SPL NOT)
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman(Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct. unver.

TEXAS

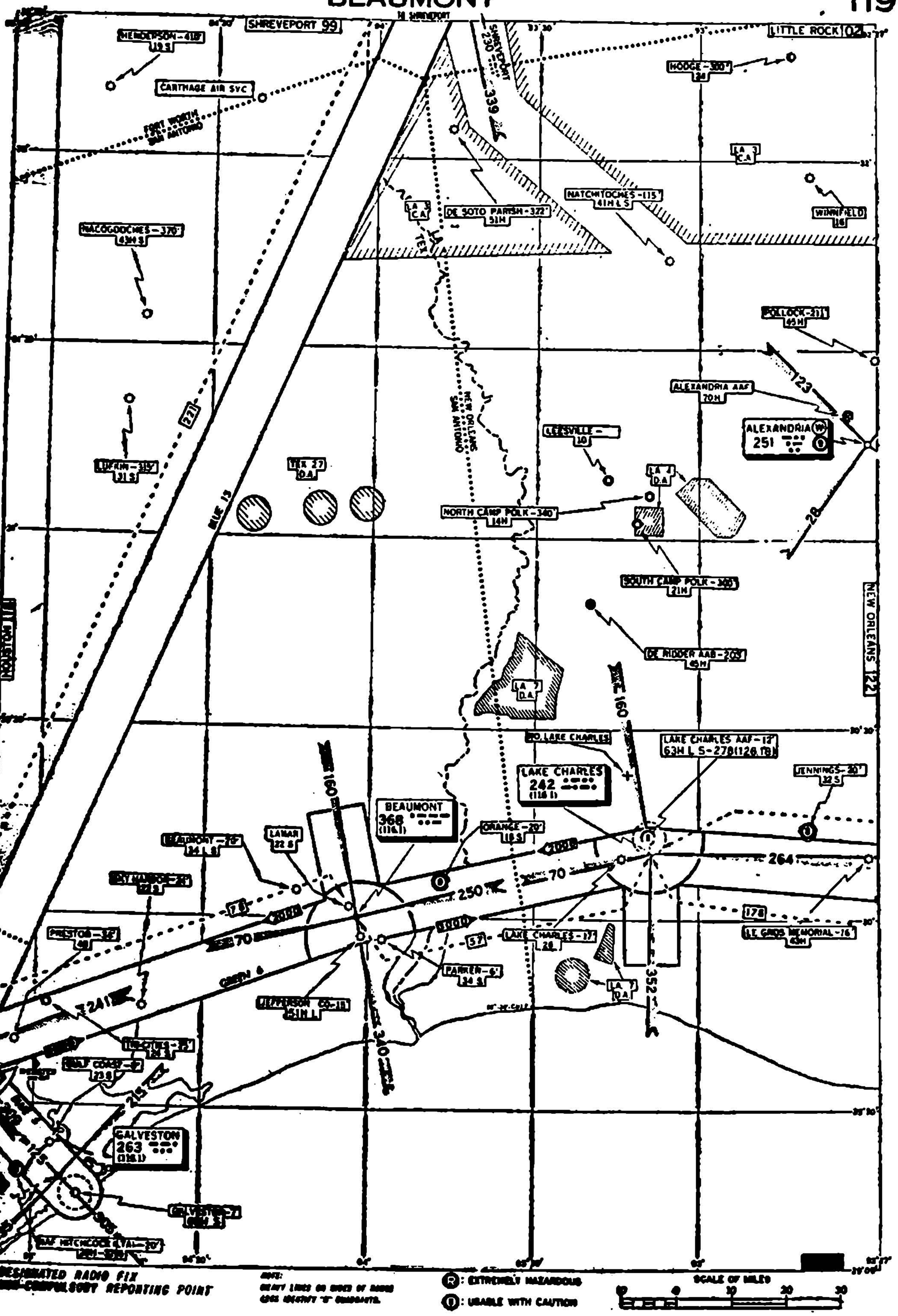
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
HOUSTON	9 SSE;hwy W	50	47h R2 L5 S6	73,80,91,100 oct.
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct.100 oct gov't contract.
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
(A) Temple AAF (A)	5.5 NW;rd SW	675	54h	CLOSED
Temple,40,JI-FV	2 NNW;hwy SW	763	28h L3 S4	73,80 oct.
Waco	7 NNE;bet RRs	470	63h	
WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S4	80,91,100 oct.
Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
★ Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

HOUSTON


SHREVEPORT 99
FORT WORTH 95
SCALE OF MILES
10 0 10 20 30
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LEGS INDICATE 'E' QUADRANTS.
CLEBURNE NORTHWEST - 780'
19 S
PARKER - 847'
31 L
ENNIS
18 S
CORSICANA COM - 400
26
BYRN'S SKY RANCH
FS - 480
21 S
POUNDS - 843'
STM S
STEWART - 539'
28 S
WACO
385
(116.1)
WACO MUN - 510'
57 M L S
CORSICANA MUN - 448'
20 M
WACO NO 5 - 560'
40 M
WACO - 470'
63 M
JACKSONVILLE - 500'
26 S
BLACKLAND NO 1 - 575'
55 M
GAGE
MEXIA - 550'
24 S
FORT WORTH
SAN ANTONIO
PALESTINE - 410'
40 M L S
GROESBECK
SCOTT - 780'
NEWLAND - 410'
25 S
CAMP HOOD AAF - 920'
36 S
TEX IN
DAL
TEMPLE AAF
54 M
HEARNE - 371'
STEPHENS
19 S
HAMMOND - 393'
30 L
BELTON - 511'
21 S
TEMPLE - 763'
28 M L S
COULTER - 360'
22 S
SAM HOUSTON STATE COLLEGE - 401'
24 S
GEORGETOWN
41 M L S
NAVASOTA
MONTGOMERY CO
46 M S
HAILE - 725'
23 S
BRYAN AAF - 264'
55 M
EASTERWOOD - 320'
52 M S
ROBERT MUELLER - 620'
46 M L S - 272 (118.7)
NAVASOTA - 331'
30 L
HOUSTON
281
(116.1)
BERGSTROM AAF - 494'
70 M L S - 396 (126.18)
JACKSON
25 S
CYPRESS
SKYPORT - 48'
22 S
ERWIN NEWMAN - 50'
28 S
FAURIE - 340'
18 S
SCHULENBURG - 344'
20 S
MAIN STREET - 50'
22 S
HOUSTON
332
(116.1)
SAM HOUSTON - 60'
30 S
LOLING
WHARTON - 100'
41 S
RICHMOND
391
YOAKUM
236
YOAKUM - 375'
20 S
MINOR STEWART - 50'
20 S
HEFNER - 104'
21 S
YOAKUM - 387'
39 L
HOUSTON - 50'
47 M S - 278 (118.6, 126.18)
LOUISE - 130'
24 M
CUERO - 195'
33
DAMON - 60'
27
CORPUS CHRISTI
TO PALACIOS
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

BEAUMONT



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO CODE IDENTIFY "I" ROUTE(S).

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	368(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	263(GS)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ALEXANDRIA AAF (A)	5.5 W;riv 2 N	88	70h	CLOSED
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(A) De Ridder AAB (A)	3.5 WSW;RR S	203	45h	CLOSED.
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
→(A,N) LAKE CHARLES AAF (A)	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. JP-1. No sto.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	66	12 S1	Ltd 80 oct. Trees N,S.
(P) Natchitoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Pollock	4.5 SW	211	45h	
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
Winnfield	3 NW;hwy E	200	16	Trees N.
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
→Carthage	2 E;hwy N			ABANDONED
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N,S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nachitoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
Preston (Houston)	2.5 WNW of La Porte	34	40	
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARATARIA FM	(- -)	FM, 171°, 20	New Orleans
BATON ROUGE (Harding)	347 (RX)	MRLWZ,128°,3.4	
LAFAYETTE	227(UG)(116.1)	MHTV	(4); 116.1
LA PLACE FM	(- - -)	FM, 271°, 16.8	New Orleans
MADISONVILLE FM	(- - - -)	FM, 353°, 32	New Orleans
MOISANT AIRPORT (New Orleans)	278(118.3,126.18)	C.(ILS)	(4); 131.9,118.3,126.18
NEW ORLEANS (Moisant)	338(NO)(116.1)	SBRAZ-DTV,271°, 3	(3); 116.1
New Orleans Airport	382 (126.18)	CA	(4); 126.18
New Orleans NAS	323(142.74)	CN	(3);142.74 (8-sunset)
NEW ORLEANS FM	(-)	FM, 63°, 11	New Orleans
MISSISSIPPI			
FLORENCE FM	(- - -)	FM, 173°, 14.6	Jackson
→JACKSON AIRPORT	278(126.18,118.7)	C	(4);126.18,118.7,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Moisant,La.	109.5	333.8	100° Mag.	IM- ····· (.04)	MM-	OM- -- (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Sunset. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — LOUISIANA

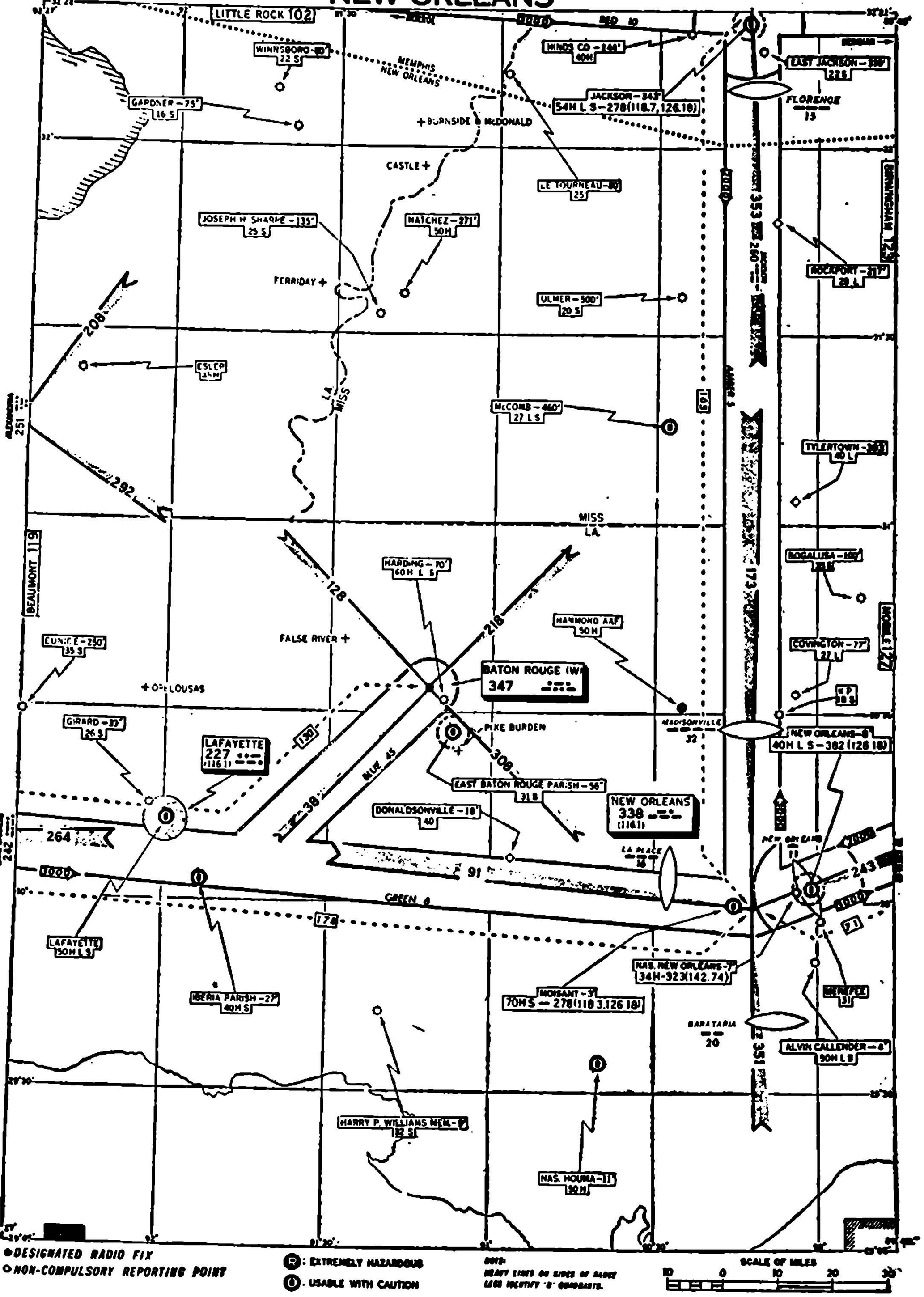
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alvin Callender (New Orleans)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct.No sto.Poles S.
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct.No sto.Data unver.
Chapman (New Orleans) (NC)	8.5 NE;lake N	4	22	15' trees NW. Cattle on field.
* Covington Int,3,NO-LS	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26, HU-NO	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E;hwy N,E	56	31 S4	80,91 oct. Pole line S.
Esler (Alexandria)	11 NE;Bayou S	92	45h	
Eunice	1.7 W;hwy N	250	35 S2	80 oct.
False River(New Roads)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Grand Isle (NC)	2.6 NE;hwy NW	4	22	
(A) Hammond AAF (A)	2 ENE;RR S	40	50h	CLOSED
HARDING (Baton Rouge)	5.8 NNE	70	60h L5 S2	91 oct. No bcn.
(P) Harry P. Williams Mem'l. (Patterson)	2 WNW;bet RR, and hwy	9	32 L2 S2	73 oct. No bcn.Lgts prior req. Pole line NW.
(N) Houma NAS (LTA)(N)	3.1 ESE;RR NE	11	50h	INACTIVE.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
K-P (Covington)	1.6 NW;RR S	27	18 S2	80 oct.
Lafayette	1.5 SE;RR W	40	50h R1 L5 S1	91 oct. Pole line S.
Menefee (New Orleans)	5.2 E;riv S	1	31	Pole line S.
(N) MOISANT INTERNATIONAL (New Orleans)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct. Avail.only to Army,Navy, and Airlines.
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L4 S4	91,100 oct.; 100 oct Govt contract. FEE.
(N) New Orleans NAS (N)	4.6 N;on lake	7	34h R1	Tower NE.
Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia) (NC)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
Winnsboro	1.2 ESE,RR SW	80	22 S1	80 oct.
MISSISSIPPI				
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
(A,N) JACKSON	3 NW;RR SW	343	54h R2 L5 S6	80,91,100 oct. Tank,stack E.
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
→LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior request. Caution - wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct.No bcn;lgts prior req.Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	
* Tylertown Int,7,NO-LS	6 SE;road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.Poleline W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X111) NC-(not charted). → NEW OR REVISED DATA.

NEW ORLEANS



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

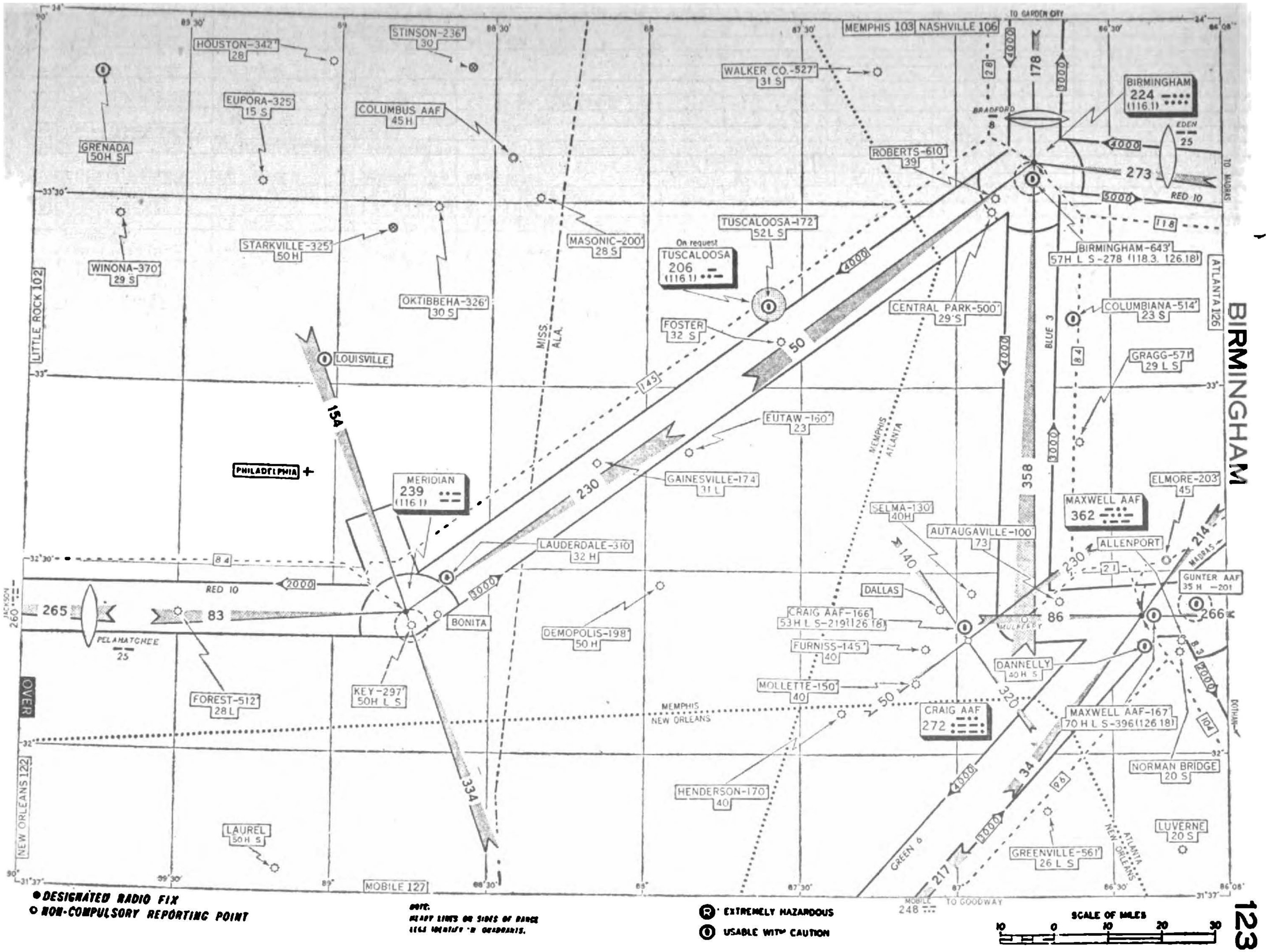
Ⓡ : EXTREMELY HAZARDOUS

Ⓤ : USABLE WITH CAUTION

NOTE:
HEAVY LINES ON EDGES OF ALASKA
LESS IDENTIFY "B" QUADRANTS.

SCALE OF MILES
10 0 10 20 30

BIRMINGHAM



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "R" QUADRANTS.

Ⓡ EXTREMELY HAZARDOUS
Ⓤ USABLE WITH CAUTION

SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BIRMINGHAM	224(BH)(116.1)	SBRAZ-DTV	(3); 116.1
Birmingham Airport	278 (126.18,118.3)	AC; 178°, 3	(4);122.5,126.18,118.3
BRADFORD FM	(-)	FM, 358°, 8	Birmingham
CRAIG(Selma)(Army)	272 (DPP)	BMRLZ	(3); 126.18
Craig Field	219 (126.18)	CA; 320°, 2.5	(3); 126.18
EDEN FM	(- -)	FM; 93°, 25.1	Birmingham
GUNTER (MONTGOMERY)	201	CA	4495 (Oper on variable sched.)
MAXWELL (Montgomery) (Army)	362 (DXW)	SBRAZ	(4)
Maxwell Field	396 (126.18)+	CA; 86°, 2	(4); 126.18
TUSCALOOSA	206(TU)(116.1)	MHTV	(4); 116.1
MISSISSIPPI			
MERIDIAN (Key)	239(UM)(116.1)	SBMRAZ-DTV; 154°, 2.8	(4); 116.1
PELAHATCHEE FM	(- -)	FM, 85°, 25	Jackson.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +—Army ACS transmits on and guards 116.1, 137.88, 148.56 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct.Trees N.
Autaugaville (Selma)	20.5 W	100	73	
(A) BIRMINGHAM	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct,JP-1.Rdo rec rqrd.
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana	1.5 WNW	514	23 S4	80 oct, Lgt acft only.
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Dallas (Selma)	2.2 SW;rlv SSE	161	20 S1	80 oct. Trees NE.
DANNELLY (Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW;rlv NW	198	50h	
Elmore (Montgomery)	10 N;hwy N	203	45	CLOSED
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	256	32 S4	Ltd 73 oct. Pwr line E.
Furniss (Selma)	10 SSW	145	40	
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gregg, 27, FS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E.
Greenville,24,NO-AG	5.5 WNW;hwy S	561	28 L2 S4	80 oct.
(A) Gunter (Montgomery)(A)	5 NE	225	35h R1	
Henderson (Selma)	29 SW;rlv W	170	40	
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(A) Maxwell(Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct. No sto.JP-1.
Mollette (Selma)	16.2 SSW	150	40	
Norman Bridge (Montgomery)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Roberts (Birmingham)	3 W;RR N	610	39	
Selma-Selfield (Selma)	4 ENE;RR S	130	40h	
Tuscaloosa, 59, FV-AG	3 NW;RR N	172	52 R1 L3 S6	73,80 oct. Pole,trees N.
Walker County (Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.
MISSISSIPPI				
Bonita (Meriden)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(A) Columbus AAF (A)	10 N; RR E	215	45h	TMP INACT. NO FACS. (SEE SPL NOT).
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest, 46, FV-AG	1 W;RR S	512	28 L3	
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct. Ctc lgts req.
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N; bldg SE.
KEY (Meridian)	3.5 SW;RR E	292	50h R1 L5 S4	80,91 oct.Ctc lgts prior req.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Laurel	3 SW;RR SE	235	50h L S4	80,91 oct.Port.rnwy lgts.
Louisville Air Service	3.0 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic (Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
O'Keefe (Newton)(NC)	1.5 ESE;RR N	363	26	Trees NE,SE,NW.UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
Philadelphia Arpk.	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen) (A)	9 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct.Lgt acft only. Rnwy data unver.

H-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

RADIO — GEORGIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GEORGIA			
ALBANY (Turner Aux. Field #1)	254(GY)(115.1)	BMRLZ-DTV, 298°, 2.3	(4); 116.1 (DTV Stn lctd at Albany Airport)
ATLANTA	266(AG)(116.1)	SBRAZ-DTXV	(3); 116.1
→ Atlanta Airport	278(118.7,126.18)	AC(ILS);331°,1.9	(4);126.18,118.7, 122.5
Atlanta (Navy)	323 (NCQ)	MRLWZ	
Atlanta NAS	356 (142.74)	CN; 86°, 3.2	3105,4495,3117.5;142.74
EAST POINT LFM	(- - - -)	LFM; 331°, 6.5	Atlanta
JONESBORO	219 (H)	FMK; 133°, 11	Atlanta
JONESBORO FM	(- -)	FM; 133°, 11	Atlanta
LAWSON (Columbus) (Army)	379 (DVL)	BMRLZ	(3)
Lawson Field	278 (126.18) +	CA; 21°, 3.3	(3); 126.18
MACON (Herbert Smart)	209 (UN)(116.1)	BMLZ-DTV;246°, 4.8	(4); 116.1
MADRAS FM	(- - -)	FM, 230°, 22.8	Atlanta
MARIETTA AAF	396 (126.18)	CA	4495; 126.18 (8-20)
SMYRNA FM	(. . - - - -)	FM; 331°, 22	Atlanta
STONE MOUNTAIN FM	(-)	FM; 55°, 17.25	Atlanta
TURNER LFM (Army) (NC)	(- - -)	FM, 202°, 11.6	Albay (On req.)
WARNER-ROBINS (Robins Field)	284 (126.18) +	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ Atlanta, Ga.	109.9 ·-· --·-		329° Mag.	IM-	MM-	OM-
					MMK-201·—· (.68)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116 1, 137.88, 140.58 mcs.

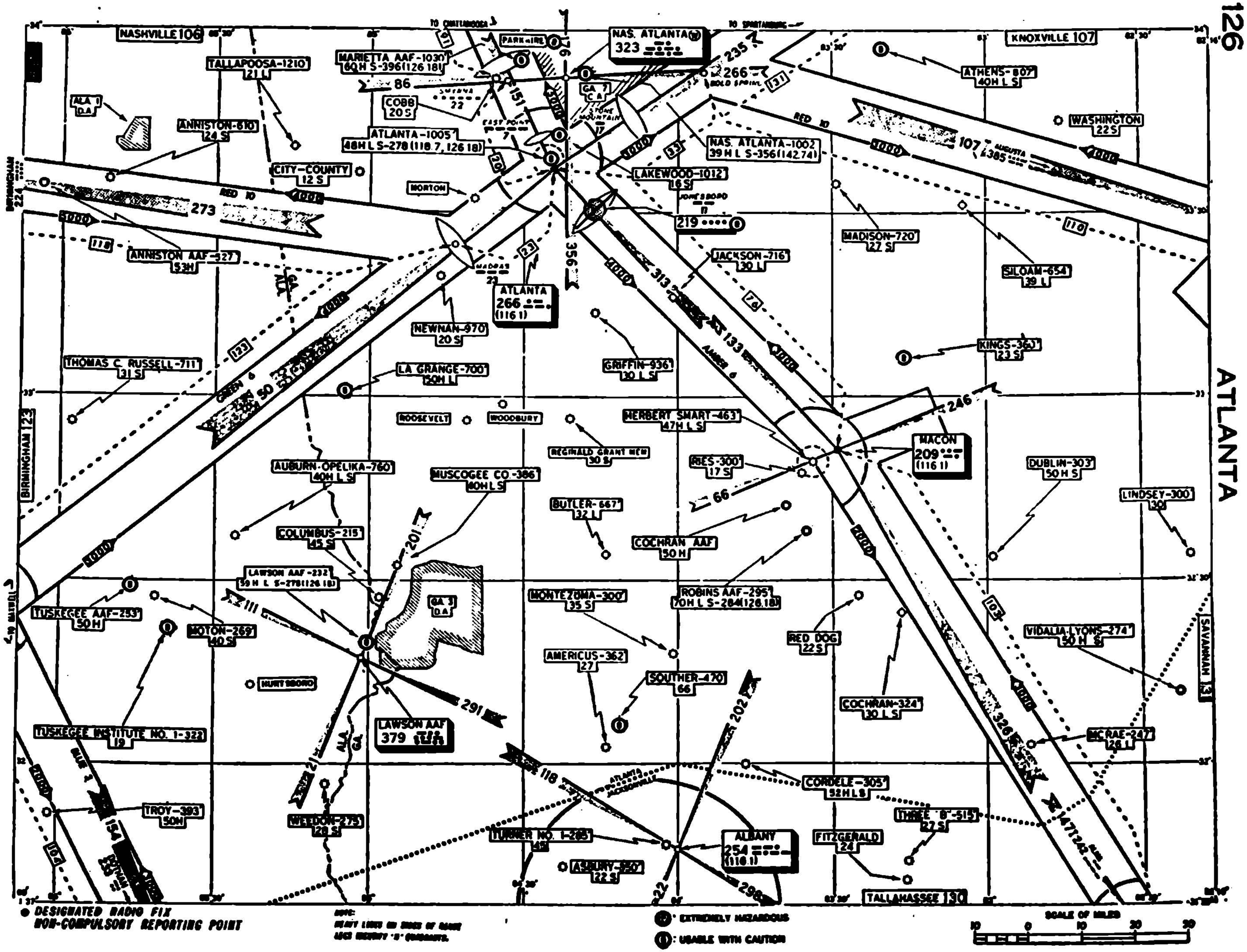
AIRPORTS — ALABAMA

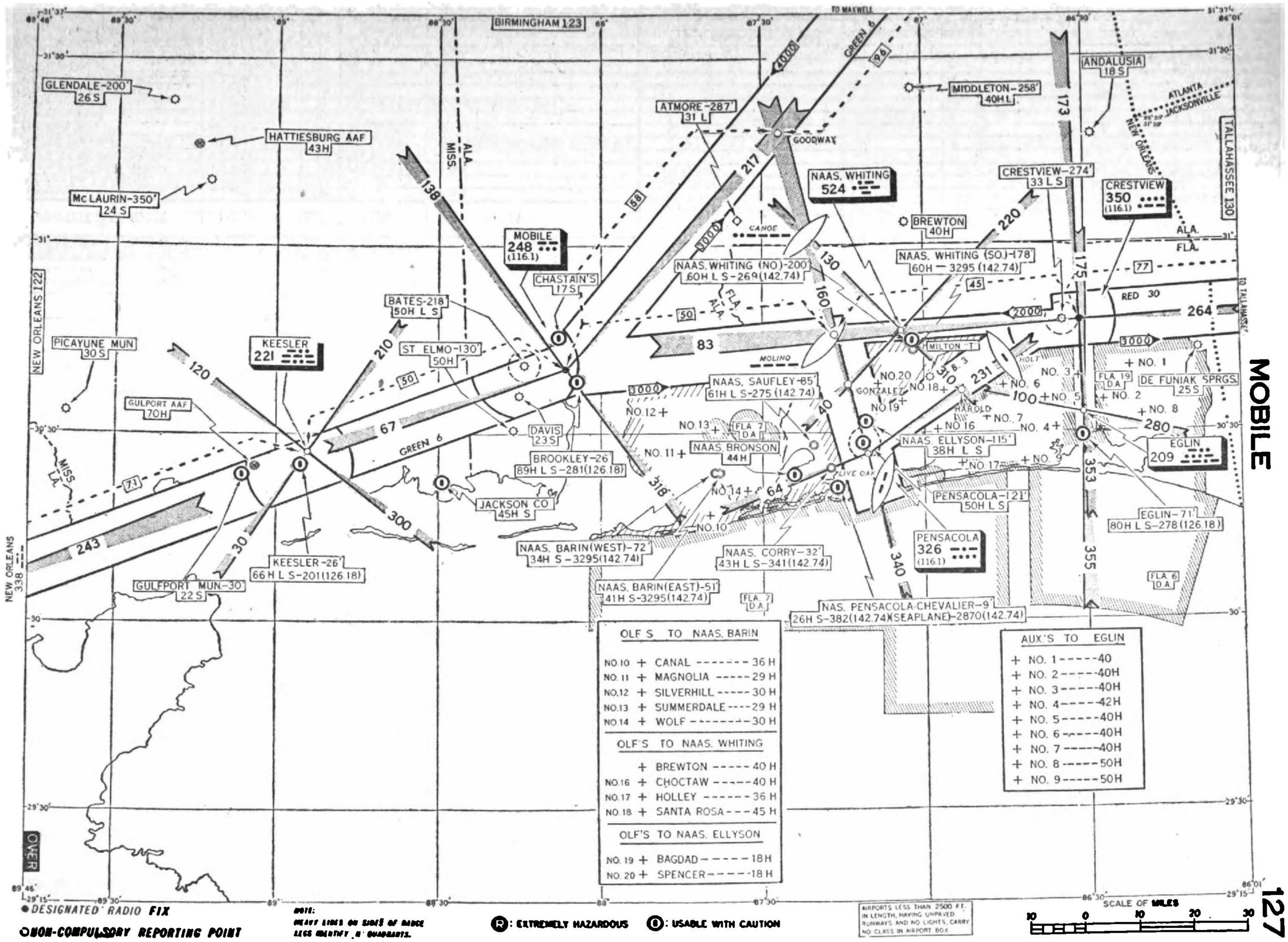
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anniston	5.5 SSW	610	24 S3	80 oct. Pole line W, lgtd.
(A) Anniston AAF (A) →	15 SW;hwy N	527	53h	TMP INACT.NO FACS (See Spl Notice)
(P) Auburn-Opelika(Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct.Fld lgts prior req.
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct.No sto.Twr S end.
Talladega (NC)	2.6 NE;RR SE	590	20	Pole line E, hill W.
Thomas C. Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(P) Troy	4.8 NNW;rd E	393	50h	
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
Asbury (Dawson)	5.7 SE;RR N	350	22 S1	Ltd 80 oct. Pole NNW.
Athens	3.5 E;RR N	807	40h L4 S6	80, 91 oct.
(A) ATLANTA	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2(L6) S6	100 oct. NAFC
* Butler Int,14,TJ-AG	0.5 NW;RR S	667	32 L3	Poles S.
City-County(Carrollton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Cobb (Marietta)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct.No sto.Trees
(A) Cochran (Macon)(A) →	10 S;RR E	354	50h	TMP INACT.NO NW. FACS.(See Spl Notice)
* Cochran Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct.Poles NW,NE,S,SE.
Columbus	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct.
Fitzgerald	2 SSW;RR W,E	365	24	
Griffin	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
HERBERT SMART (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	91,80 oct.
* Jackson Int,57,MM-AG	4.6 SW;rd S	716	30 L3	Barn E; bldg W.
Kings (Milledgeville)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3 SW;RR ESE	700	50h L2	
Lakewood(Atlanta)	4 S;bet RRs	1012	16 S4	80 oct.
(A) Lawson(Columbus)(A)	9.5 S;riv W	232	59h R2 L5 S6	91,100 oct. No sto.
(P) Lindsey (Swainsboro)	2.3 S;RR W	300	30	Pole line E.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
Madison	2 SSW;RR E	720	27 S2	80 oct.Pwr line SSE.
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
→ Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line E.
MUSCOGEE CO. (Columbus)	6 NE;hwy E	386	40h L5 S6	80,91 oct.Fld lgts prior req.
Newnan Airpark	3.7 SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct.Trees N,E.
Reginald Grant Memorial (Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S.
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg.Trees
(A) Robins (Warner-Robins) (A) →	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct;JP-1 NE.
Roosevelt (Warm Spgs)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW.
* Siloam Int,7B,AG-CS	1.3 S;road W	654	39 L3	82'mast SE **corner** N/S strip.
Souther (Americus)	4 NE;RR W	470	66	
* Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE; house NW
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Turner #1 (Albany)	15 NE	285	45	
(A) Vidalia-Lyons(Vidalia)	3.2 SE;hwy N	274	50h	TMP INACT NO FACS(See
Washington	1.4 NW;RR SE	600	22 S1	80 oct. Spl Not.)(A)
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.

h-hard surfaced **runways.** R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA


ATLANTA
NASHVILLE 106
KNOXVILLE 107
NAS. ATLANTA 323
TALLAPOOSA-1210 21 L
MARIETTA AAF-1030 60H S-396(126.18)
ATHENS-807 40H L S
ANNISTON-610 24 S
ATLANTA-1005 48H L S-278(118.7, 126.18)
COBB 20 S
NAS. ATLANTA-1002 39 H L S-356(142.74)
WASHINGTON 22 S
CITY-COUNTY 12 S
LAKEWOOD-1012 16 S
MORTON
MADISON-720 27 S
ANNISTON AAF-327 53H
ATLANTA 266 (116.1)
JACKSON-716 30 L
SILOAM-654 39 L
NEWNAN-970 20 S
KINGS-360 23 S
THOMAS C. RUSSELL-711 31 S
LA GRANGE-700 50H L
GRIFFIN-936 30 L S
ROOSEVELT
WOODBURY
HERBERT SMART-463 47H L S
MACON 209 (116.1)
REGINALD GRANT MEM 30 S
RES-300 17 S
DUBLIN-303 50 H S
AUBURN-OPELIKA-760 40H L S
MUSCOGEE CO.-386 40H L S
LINDSEY-300 30 S
BUTLER-667 32 L
COCHRAN AAF 50 H
COLUMBUS-215 45 S
LAWSON AAF-232 39 H L S-278(126.18)
MONTEZUMA-300 35 S
ROBINS AAF-295 70H L S-284(126.18)
VIDALIA-LYONS-274 50 H S
TUSKEGEE AAF-253 50 H
MOTON-269 40 S
RED DOG 22 S
AMERICUS-362 27
SOUTHER-470 66
HURTSBORO
COCHRAN-324 30 L S
LAWSON AAF 379
TUSKEGEE INSTITUTE NO. 1-322 19
MCRAE-247 28 L
CORDELE-305 52H L S
TROY-393 50H
WEEDON-275 28 S
THREE "B"-515 27 S
TURNER NO. 1-285 49
ALBANY 254 (116.1)
FITZGERALD 24
ASHBURY-920 22 S
TALLAHASSEE 30
SAVANNAH 13
BIRMINGHAM 123
● DESIGNATED RADIO FIX NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30



OLF'S TO NAAS. BARIN	
NO.10 +	CANAL ------- 36 H
NO.11 +	MAGNOLIA ----- 29 H
NO.12 +	SILVERHILL ----- 30 H
NO.13 +	SUMMERDALE ---- 29 H
NO.14 +	WOLF ------- 30 H

OLF'S TO NAAS. WHITING	
+	BREWTON ----- 40 H
NO.16 +	CHOCTAW ----- 40 H
NO.17 +	HOLLEY ------ 36 H
NO.18 +	SANTA ROSA --- 45 H

OLF'S TO NAAS. ELLYSON	
NO. 19 +	BAGDAD ----- 18H
NO. 20 +	SPENCER ----- 18 H

AUX.'S TO EGLIN	
+	NO. 1 -----40
+	NO. 2 -----40H
+	NO. 3 -----40H
+	NO. 4 -----42H
+	NO. 5 -----40H
+	NO. 6 -----40H
+	NO. 7 -----40H
+	NO. 8 -----50H
+	NO. 9 -----50H

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 'A' QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

RADIO AIDS

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARIN FIELD NAAS (Foley) EAST FIELD	3295 (142.74)	CN	3105; 142.74
BARIN FIELD NAAS (Foley) WEST FIELD	3295 (142,74)	CN	3105; 142.74
BROOKLEY FIELD (Mobile)	281 (126.18)+	CA	(4); 126.18
CANOE FM	(. . - - - -)	FM; 310°, 24.9	Whiting NAAS
MOBILE (Brookley)	248)MS)(116.1)	SBRAZ-DTV;138°,3.2	(4); 116.1

FLORIDA

CORRY FLD NAAS (Pensacola)	341 (142.74)	CN	3105; 142.74
CRESTVIEW	350(HW)(116.1)	SBRAZ-DTV;264°,2.6	(4); 116.1
EGLIN (Valparíso)(Army)	209 (DVQ)	MRLPZ	(Voice 6-24)(3); 126.18
Eglin Field	278 (126.18)+	CA; 175°, 4	(3); 126.18 (6-24)
HOLT FM	(-)	FM, 51°, 31.2	Pensacola
LIVE OAK FM	(- -)	FM, 160°, 6	Pensacola
MOLINO FM	(- - - -)	FM, 340°, 21.4	Pensacola
PENSACOLA	326 (KH)(116.1)	SBRAZ-DTV;340°,2.1	(4); 116.1
Pensacola-Chevalier NAS	382 (142.74)	CN	(4); 142.74 (sunrise-30 mins after sunset)
Pensacola-Chevalier NAS (Seaplane)	2870 (142.74)	CN	3105; 142.74 (730-1630 except Sat,Sun. and holidays)
SAUFLEY FLD NAAS (Pensacola)	275 (142.74)	CN	3105,4495; 142.74 (GCA)
WHITING (Milton)(Navy)	524 (AWT)	MRLZ	
Whiting Fld NAAS (North)	269 (142.74)	CN; 130°, 3.2	3105, 4495; 142.74
Whiting Fld NAAS (South)	3295 (142.74)	CN	3105; 142.74 (7-22)

MISSISSIPPI

KEESLER (Biloxi) (Army)	221 (DOX)	BMRLZ	(4); 4220
Keesler Field	201 (126.18)	CA; 210°, 2.9	(4); 4220

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Andalusia	1.7 SSE;RR N	340	18 S1	80 oct.
* Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
(N) Barin NAAS-East (Foley)	2.7 ESE	51	41h R1 L1 S4	91 oct.
(N) Barin NAAS-West (Foley)	2.7 ESE	72	34h R1 L1 S4	91 oct.
BATES (Mobile)	10 W;rd N,S	218	50h L5 S4	80,91 oct.No flood lgts; ctc lgts req.
Brewton (old) (NC)	2.5 N;hwy E	100	23	UNUSABLE.
(P) Brewton (new)	3.5 S; riv N	92	40h	
(A) Brookley (Mobile) (A)	3 SSW;RR NW	26	89h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
(N) Faircloth (Lillian) (N)	3 NW;bay E	70	37	
(N) Kaisers Tract OLF (Elberta) (N) (NC)	3.3 ENE;hwy S	90	25	
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
St. Elmo	1 WSW;RR S	130	50h	
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
(N) Summerdale OLF (N)	3.5 ENE;RR W	129	29h	
(N) Wolf OLF (Josephine) (N)	1.5 N;bay E	54	30h	

FLORIDA

(N) Bagdad OLF (Pensacola) (N)	14 NE;RR SE	111	18h	Use rnwys.
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
Crestview,21,NO-]X	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W;RR N	197	25 S1	80 oct. Pwr line N.
(A) Eglin (Valparíso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73-100 oct. JP-1. No sto.
(A) Eglin #1 (Valparíso) (A)	13.7 NNE	238	40h	
(A) Eglin #2 (Valparíso) (A)	6.1 NNE	157	40h	
(A) Eglin #3 (Valparíso) (A)	10 N	192	40h	
(A) Eglin #4 (Valparíso) (A)	6.2 W	92	42h	
(A) Eglin #5 (Valparíso) (A)	10 NW	178	40h	
(A) Eglin #6 (Valparíso) (A)	18.2 WNW;riv NW	136	40h	
(A) Eglin #7 (Valparíso) (A)	19.5 W	133	40h	
(A) Eglin #8 (Valparíso) (A)	10.3 ENE	113	50h	
(A) Eglin #9 (Valparíso) (A)	13.7 WSW	35	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h L S6	73,91 oct.E and W flds. CLOSED.
Gulf Airpark (Pensacola) (NC)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola) (N) (NC)	12 NW	100	54	
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
Milton "T" (NC)	3.5 ENE;RR S	150	53 S3	80 oct.
(P) PENSACOLA	4 NNE;bay E	121	50h R1 L5 S6	80,91 oct.
(N) Pensacola NAS (Chevalier)(N)	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts.
(N) Pensacola NAS (Corry) (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) Pensacola OLF #1 (N)(NC)	14 NW;riv 3 W	100	46	
(N) Pensacola OLF #5 (N)(NC)	10 NNW;RR W	115	57	
(N) Pensacola OLF #6 (N)(NC)	10 NNW;RR E	110	48	
(N) Pensacola OLF #7 (N)(NC)	7 NW	103	37	
(N) Pensacola OLF #8A (N)(NC)	13 NW	100	73	
(N) Pensacola OLF #9K (N)(NC)	11.5 NNW;RR E	110	50	
(N) Santa Rosa OLF (Milton) (N)	6 E;rivs N,S,W	150	45h	
(N) Saufley NAAS (Pensacola) (N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87,91 oct.
(N) Spencer OLF (Pensacola) (N)	15 NNE;bay S	145	18h	
(N) Whiting NAAS-North (Milton)	6 N	200	60h R2 (L6) S4	73,91,100 oct. (N)
(N) Whiting NAAS-South (Milton)	5 N	178	60h R1	Use N Field. INACTIVE. (N)

MISSISSIPPI

Ellisville (NC)	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW	145	43h	Poles W,NW. RR NE. CLOSED
Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
McLaurin	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x111) NC-(not charted). → NEW OR REVISED DATA

TALLAHASSEE

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOTHAN	233(NI)(116.1)	SBRAZ-VDT,47°,3.7	(4);116.1

FLORIDA

CROSS CITY	269 (FC)(116.1)	SBMRAZ-VDT,315°,2.7	(4), 116.1
→ DALE MABRY FLD (Tallahassee)	281 (126.18)(118.3)	C,	(4), 126.18, 118.3, 122.5
→ TALLAHASSEE (Dale Mabry Fld)	335 (TJ)(116.1)	SBRAZ-VDT,85°,2.7	(3), 116.1,122.1
TYNDALL (Panama City)(Army)	203 (DKE)	BMRLZ	Voice 8-23. (3); 126.18
Tyndall Field	272 (126.18)	CA, 313°, 3	(3), 126.18 (6-24)

[redacted]

ALMA (Int.)	242 (AJ)(116.1)	SBRAZ-VDT,144°, 2.2	(4), 116.1
TURNER LFM (Army)(NC)	(- - -)	FM,202°,11.6	Albany (On req)

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ALABAMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DOTHAN	3 WNW;hwy S,E	330	40h R1 L5 S6	80,91 oct.No sto.No flood lgts.
Enterprise	0.5 NE	355	22	
Headland	2 NE,hwy N	350	48	
(A) Napier (Dothan) (A)	7.5 NW,RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT NO FACS(See Spl Not.)
Southern Airmotive	2 SE,RR W	322	27 S4	80 oct. Twr NW. (Dothan)

FLORIDA

(A) Alliance #4(Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A)	2 W,RR N	19	53h	TMP INACT NO FACS(See Spl Not.)
Bascom (Marianna)	15.5 NE	120	50h	
Carrabelle Flgt Strip	2.6 W,hwy S	20	40h	
Chipley	1.5 SE,hwy N	100	24 S1	80 oct.Trees around fld.
Cross City	1 SE,RR SW	42	50h R1 L5	
DALE MABRY (Tallahassee)	3 W, RR S	70	52h R2 L5 S4	80, 91 oct.
Ellis (Marianna)	9.5 N,riv W	116	50h	
Jasper ,43,NO-JX	3.5 SSE,RR NE	148	36 L3	Poles W.Power line NE.
John H. Allison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80 oct. Lgts prior req.
(N) Lake Butler OLF (N)	2 SSW,RR NW	131	60h L	
Lake City	3.7 ESE,RR S	201	60h	
Lake Jackson(Tallahassee)	9 NNW,riv NW	250	30 S4	80 oct. No sto.
Live Oak	1 W,RR W	105	26 S1	80 oct. Pole line N,NE,SW. Hwy N.
Malone #2 (Marianna)	15.5 N	154	50h	
Marianna	6 NE,hwy E	112	50h L5 S4	80 oct.Fld lgts prior req.
Montbrook (Williston)	3.2 SSW,hwy E	70	70h	
Monticello (NC)	1.5 SW,hwy E	160	25	
Panama City	5 NW,bay N,S,W	5	19 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

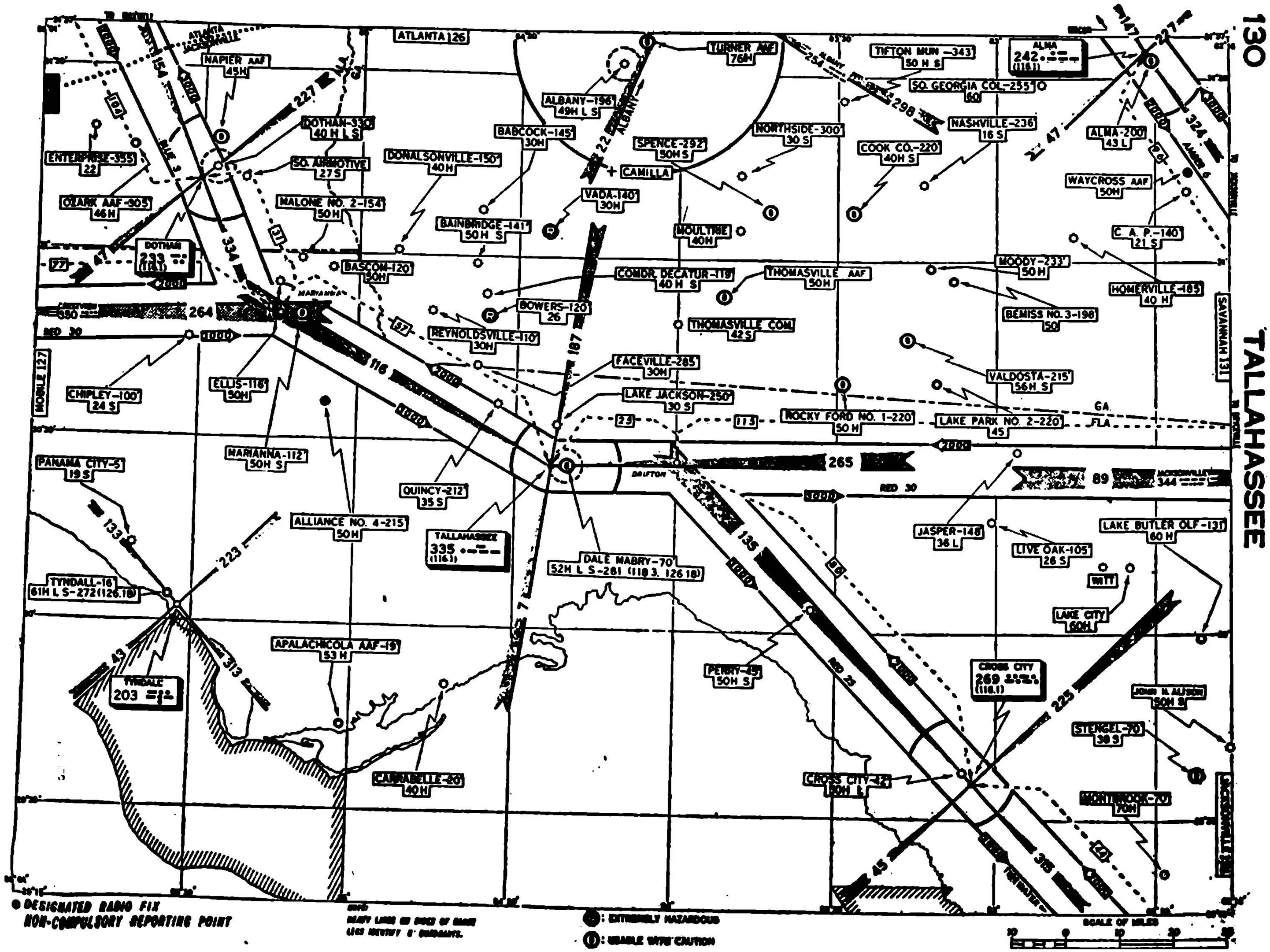
FLORIDA

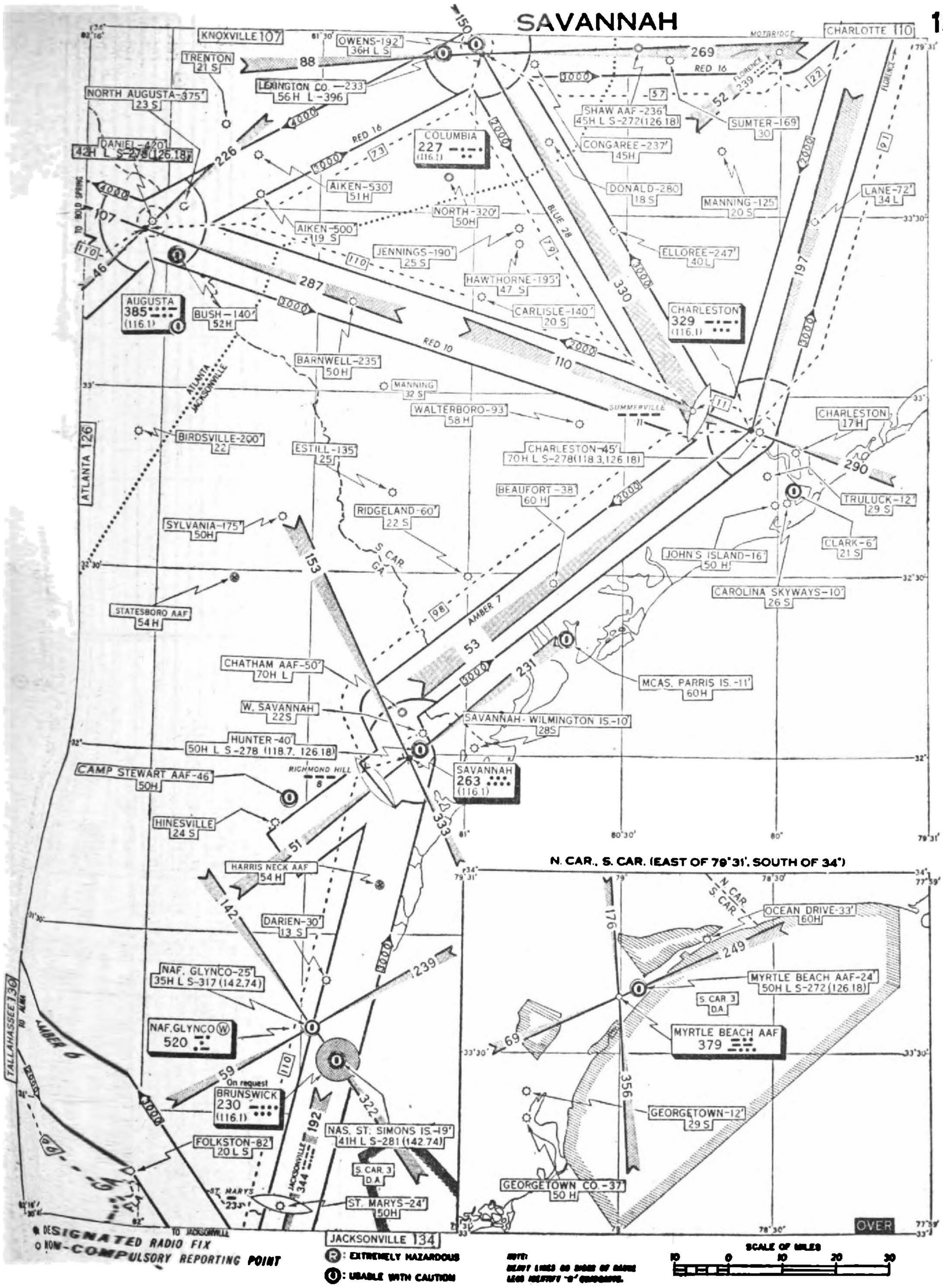
AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Perry	2 S; RR E	45	50h S2	80,91 oct.
Perry Municipal	0.5 NE	43	20	Trees NE,SW.
Quincy	1.5 NE,RR S	212	35 S1	80 oct.
Stengel(Gainesville)	4 WSW,RR SE	70	38 S6	80 oct. Trees around fld.
Tennile (NC)	2.2 SSW;rd E	35	20	Trees SW Road E.
(A) Tyndall (Panama City)	8 SE	16	61h R2 L5 S6	73,91,100 oct. Gulf of Mexico SW. (A)
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

[redacted]

ALBANY	4 SW, RR N	196	49h R1 L5 S6	80, 91 oct.
→ Alma, Site 43, MM-AG	2.5 W,hwy N	200	43 R1 L3	
Babcock(Bainbridge)	3.5 ENE Boykin	145	30h	
Bainbridge	7 NNW,RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta)(A)	12 NE,hwy SE	198	50	TMP INACT NO FACS(See Spl Not.)
Bowers (Bainbridge)	4.5 S,rd W	120	26	Trees sur fld. Closed. High weeds.
Camilla	0.7 NW		22 S1	80 oct. Data not verified.
Civil Air Patrol (Waycross)	2.6 WSW,RR SE	140	21 S1	80 oct. Obsts surround fld.
Commodore Decatur	2 W,riv S	119	40h S1	80 oct. (Bainbridge)
Cook County (Adel)	1.3 W,hwy NE	220	40h L3 S6	80, 91 oct.
Donalsonville(Bainbridge)	1 S Donalsonv'l	150	40h	
Faceville(Bainbridge)	3.5 S Faceville	285	30h	
Homerville Flgt Strip	2.5 NW,hwy NE	185	40h	
(A) Lake Park #2(Valdosta)	12.5 SSE,hwy N	220	45	TMP INACT NO FACS(See Spl Not.)(A)
(A) Moody (Valdosta)(A)	11.5 NNE,RR W	233	50h	TMP INACT NO FACS(See Spl Not.)
Moultrie	7 S,hwy NW	287	40h	
Nashville	1.3 ENE,RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW,RR W	300	30 S4	80 oct. No sto.
Reynoldsville (Bainbridge)	1.7 SSW Reynoldsville	110	30h	
(A) Rocky Ford #1 (A)	16 SW,hwy N	220	50h	CLOSED (Valdosta)
South Georgia College	1.3 S,RR W	225	60	(Douglas)
Spence (Moultrie)	5 SE,hwy W	292	50h S2	80,91 oct
(A) Thomasville AAF(A)	8.5 ENE,hwy S	264	50h	CLOSED
Thomasville, com.	1 SW,RR N	250	42 S4	80 oct.Trees sur fld.
Tifton Mun.	2.3 SE,hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE,riv N	215	76h	TMP INACT NO FACS(See Spl Not.)
Vada (Bainbridge)	3 NE of Vada	140	30h	
Valdosta	2.5 S,hwy E	215	56h S1	80 oct.
(A) Waycross AAF(A)	4 NW,hwy E	141	50h	CLOSED

TALLAHASSEE




KNOXVILLE 107
OWENS-192' 36H L S
TRENTON 21 S
LEXINGTON CO.—233' 56H L-396
NORTH AUGUSTA-375' 23 S
DANIEL-420' 42H L S-278 (126.18)
COLUMBIA 227 (116.1)
AIKEN-530' 51H
AIKEN-500' 19 S
NORTH-320' 50H
JENNINGS-190' 25 S
HAWTHORNE-195' 47 S
CARLISLE-140' 20 S
AUGUSTA 385 (116.1)
BUSH-140' 52H
BARNWELL-235' 50H
MANNING 32 S
WALTERBORO-93' 58 H
BIRDSVILLE-200' 22
ESTILL-135' 25
RIDGELAND-60' 22 S
SYLVANIA-175' 50H
STATESBORO AAF 54 H
CHATHAM AAF-50' 70H L
W. SAVANNAH 22S
HUNTER-40' 50H L S-278 (118.7, 126.18)
CAMP STEWART AAF-46' 50H
HINESVILLE 24 S
HARRIS NECK AAF 54 H
DARIEN-30' 13 S
NAF. GLYNCO-25' 35H L S-317 (142.74)
NAF. GLYNCO 520
BRUNSWICK 230 (116.1)
On request
FOLKSTON-82' 20 L S
ST. MARYS 23
ST. MARYS-24' 50H
NAS. ST. SIMONS IS.-19' 41H L S-281 (142.74)
S. CAR 3 D.A
JACKSONVILLE 344
JACKSONVILLE 134
CHARLOTTE 110
MOTTBRIDGE
SHAW AAF-236' 45H L S-272 (126.18)
SUMTER-169' 30
CONGAREE-237' 45H
DONALD-280' 18 S
MANNING-125' 20 S
ELLOREE-247' 40 L
LANE-72' 34 L
CHARLESTON 329 (116.1)
SUMMERVILLE
CHARLESTON 17H
CHARLESTON-45' 70H L S-278 (118.3, 126.18)
BEAUFORT-38' 60 H
TRULUCK-12' 29 S
JOHN S ISLAND-16' 50 H
CLARK-6' 21 S
CAROLINA SKYWAYS-10' 26 S
MCAS. PARRIS IS.-11' 60H
SAVANNAH-WILMINGTON IS.-10' 28S
SAVANNAH 263 (116.1)
RICHMOND HILL
N. CAR., S. CAR. (EAST OF 78°31', SOUTH OF 34°)
OCEAN DRIVE-33' 60H
MYRTLE BEACH AAF-24' 50H L S-272 (126.18)
MYRTLE BEACH AAF 379
GEORGETOWN-12' 29 S
GEORGETOWN CO.-37' 50 H
ATLANTA 126
TALLAHASSEE 136
ATLANTA-JACKSONVILLE
S CAR-GA
N CAR-S CAR
ATLANTA
JACKSONVILLE
TO JACKSONVILLE
TO BOLD SPRING
RED 16
RED 10
BLUE 28
AMBER 7
AMBER 6
FLORENCE
SUMMERVILLE
* DESIGNATED RADIO FIX
o NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30
OVER

RADIO — GEORGIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA (Daniel)	385 (VD)(116.1)	SBRAZ-VDT,46°,2.1	(3), 116.1
BRUNSWICK	230 (BS)(116.1)	MHVT	(4), 116.1
GLYNCO (Navy)	520 (NEA)	MRLWZ	
Glynco NAF-LTA	317 (142.74)	CN,239°, 0.3	3105,4495; 142.74 (8-17)
HUNTER FIELD (Savannah)	278 (126.18) (118.7)	AC	(4): 122 5,126.18, 118.7
RICHMOND HILL FM	(- - -)	FM, 231°, 8	Savannah
ST. MARYS FM	(-)	FM, 12°, 23	Jacksonville, Fla.
ST. SIMONS ISLAND NAS	281 (142.74) (140.58)	CN	(3):142.74,140.58 (630-24)
SAVANNAH (Hunter)	263 (SH)(116.1)	SBMRLZ-VDT,51°,2.2	(3); 116.1
DANIEL(AUGUSTA)	278(126.18)	C	(4):126.18 122.5

SOUTH CAROLINA

CHARLESTON	329 (CS)(116.1)	SBRAZ-VDT	(3), 116.1,122.1
Charleston Airport	278 (126.18) (118.3)	AC(ILS):110°,1.9	(4), 131.9,126.18,118.3 ,122.5
COLUMBIA (Owens Field)	227 (CI)(116.1)	SBRAZ-VDT,330°,1.8	(4), 116.1
LEXINGTON CO.ARPT(Columbia)	396	C	(4)(8-22) See Notice to Airmen
MYRTLE BEACH (Army)	379(DMB)	BMRLZ	
Myrtle Beach AAF	272(126.18)	CA,69°,4.4	(3):126.18
SHAW FIELD (Sumter)	272(126.18)	CA	(3):126.18 (7-24)
SUMMERVILLE FM	(- - - -)	FM,290°,10.7	Charleston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM- -·-· (.05)	OM- -- (4.2)
Charleston, S.C.	110.3	335	150° Mag.		MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS — GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Birdsville (Millen)	9.4 WNW;riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT NO FACS(See Spl Not.)
(A) Chatham AAF (Savannah) (A)	7.5 NW;RR E	50	70h L5	TMP INACT NO FACS(See Spl Not.)
DANIEL (Augusta)	2.5 W;RR S	420	42h R2 L5 S4	80, 91 oct. No sto. Use rnwys only.
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
★ Folkston Int,37,MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct, on req.
(N) Glynco NAF (LTA)(N)	6.4 N;hwy SE	25	35h R2 L5 S4	91, 100 oct.
(A) Harris Neck AAF(A)	7 E of So.Newport	22	54h	CLOSED.
Hinesville	3 S; hwy W	55	24 S4	73 oct, No sto. Rdo repairs.
HUNTER (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80, 91 oct.
St. Marys	1.7 NNW;hwy S	24	50h	
(N) St. SIMONS ISLAND NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct No sto. Lgts on req Trees NE,W
Savannah-Wilmington (Savannah)	8 ESE; hwy N	10	28 S6	73 oct. Trees NE,SW.
(A) Statesboro AAF(A)	3.8 NE;hwy W	180	54h	CLOSED
Sylvania	7.5 SSE;hwy E	175	50h	
West Savannah(Savannah)	3 W; RR W,N	42	22 S6	80 oct. Pole line NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS

SOUTH CAROLINA

Aiken (old)	2 E; RR NNE	500	19 S4	80 oct. Trees SSW.
Aiken (new)	6 NNE; RR SW	530	51h	
Barnwell	1 WNW;hwy E	235	50h	
(P) Beaufort	4 NW	38	60h	
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
(A) CHARLESTON (mun.)	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TMP
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE. INACT;CIVIL FACS
Clark (Charleston)	4 S;riv SW	6	21 S1	80 oct. Trees surround fld.
Congaree (Columbia)	15.5 ESE;RR S	237	45h	
Donald (St.Matthews)	2.5 NNE; RR S	280	18 S1	Ltd 80 oct. Trees SE.
★ Elloree Int,25,AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
Georgetown	1 NW;riv E	12	29 S6	80,91 oct.
(P) Georgetown County	4 S;bay E	37	50h	
Hawthorne(Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct. Pole line ENE.
John's Island (Charleston)	7 SSW; rd W	16	50h	
★ Lane Int,24,JX-RW	3 S;RR W	72	34 L3	
Manning (Allendale)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
(A) Myrtle Beach AAF(A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE; hwy N	320	50h	TMP INACT NO FACS(See Spl Not.)
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
OWENS (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS	1.5 S	11	60h	INACTIVE (N)
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
(A) Shaw (Sumter)(A)	7 WNW;RR W	236	45h R1 L5 S8	73, 91, 100 oct. JP-1
Sumter	1.5 NW; RR S	169	30	
Trenton	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston)	5.5 W;RRs N	12	29 S6	80 oct. Poles surround fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	
(A)Lexington Co.(Columbia)	7 SW; RR SE	233	56h R1 L5	

RADIO — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANANA RIVER (Navy)	524(NPB)	MRLZ	(3)
Banana River NAS	224 (142.74)	CN, 106°, 4.8	(3), 142.74
BAYARD FM	(- - -)	FM, 158°, 19	Jacksonville
BRYCEVILLE FM	(- - - -)	FM, 269°, 20.2	Jacksonville
CECIL NAAS (Jacksonville)	201 (142.74)	CN	3105;142.74 (flying hours)
→ DAYTONA BEACH	236(DB)(116.1)	BMLZ-DTV,101°,2.1	(4); 116.1,122.1
→ DREW FIELD (Tampa)	317(126.18,118.5)	AC	(4);126.18,118.5,122.5
FT. GEORGE ISLAND FM	(- -)	FM, 89°, 10.25	Jacksonville
JACKSONVILLE	344(JX)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
→ Jacksonville Arpt. No. 1	278(126.18,118.5)	AC,269°, 1.7	(4); 122.5,126.18,118.5
Jacksonville NAS	365 (NIP)	MRLZ	
Jacksonville NAS	323(126.18, 142.74)	CN; 89°, 3.1	(3); 126.18,142.74
Jacksonville NAS (Seaplane)	3295	CN	3105
→ MacDILL (Tampa) (Army)			DECOMMISSIONED
MacDill Field	227 (126.18)+	CA	(3), 126.18
MAYPORT CGAS (NC)	142.74	CN	3105;140.58,142.74 (req only)
MELBOURNE	257(OU)(116.1)	SBRAZ-DTV,158°,2.2	(4); 116.1
NORTH TAMPA FM	(- - - -)	FM, 355°, 10.1	Tampa
ORLANDO	206(OR)(116.1)	BMRLZ-DTV	(3); 116.1,122.1
→ Orlando Airport	+278(126.18,118.7)	C; 220°, 3.4	(4); 118.7,122.5,126.18
PINELLAS (St. Petersburg)	272 (118.3)	CI	(4); 131.9 (8-24)
→ TAMPA (Peter O. Knight Arpt)	388(TM)(116.1)	SBRAZ-DTV,55°,2.6	(4); 116.1,122.1
VERO BEACH NAS	242(VB)(116.1)	MHTV	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

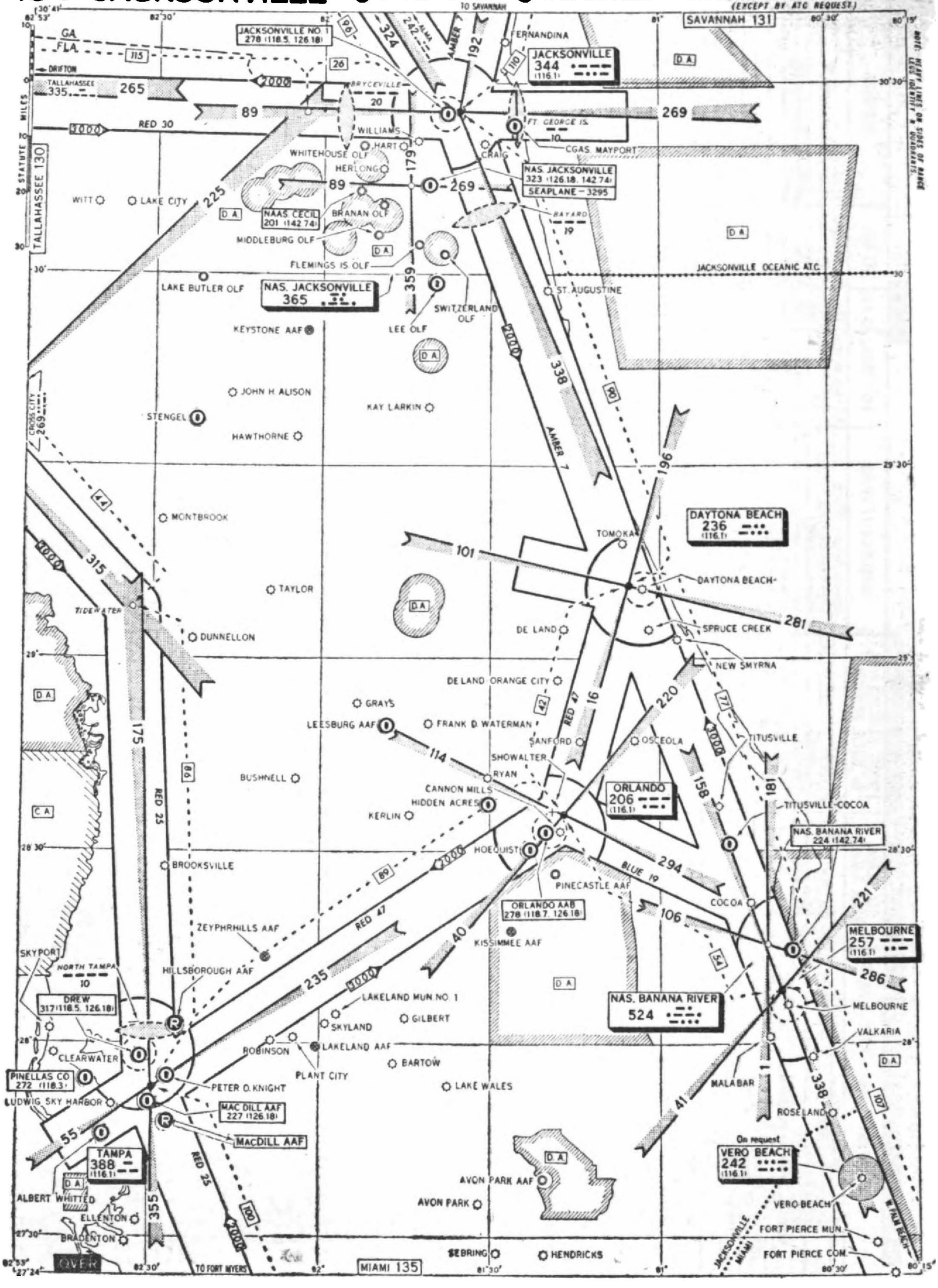
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Albert Whitted (St. Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct.Coast Gd.Stn adj. Poles,stack NW,SW.
Altoona (NC)	0.6 NW,RR E	155	25	Trees ends strips.
Avon Park	1.5 W,RR E	127	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (A)	11 ENE,lake NW	65	54h	TMP INACT NO FACS(See Spl Not.)
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	91 oct.No bcn.Lgts on req.
Barberville (NC)	1 SE,bet RR & rd	25	25	Pole line E. UNUSABLE.
Bartow	5.5 NE,RR NW	128	50h L5 S2	80,91 oct.
Bostwick (NC)	1 NW,RR E	53	34	
Bradenton	0.5 S,RR NE	20	24 S1	80 oct. Trees W. Poles SW.
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	B-2 lgts.
Brooksville	7.5 SW,hwy E	70	70h	
Bushnell	2.8 NE,hwy S	82	60h	N/S rnwy unusable.
Cannon Mills (Orlando)	3.8 E,hwy N	105	41 S6	80 oct. No sto. Poles sur fld.
(N) Cecil NAAS (Jacksonville) (N)	16 WSW,hwy NW	80	50h R2 L5 S4	87,91 oct.Trees sur fld.
Cedar Keys (NC)	1 W;bay S	6	24h	
Cocoa	1 N,RR E	20	26 L1	Pole line E, trees S, W.
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct.
Deland	2.5 NNE,hwy S	80	60h L5 S1	87,91 oct.
Deland-Orange City (Orange Cy)	1 SW,riv W	90	26 S1	80 oct. Pole line E.
Drew (Tampa)	5 W,bay SW	26	70h R1 L5 S6	80,91 oct. Rdo rec rqrd.
Dunnellon	4.5 E,hwy S	66	50h	
Ellenton	1.5 NNW,RR N	18	15	P-line NE, trees SW.
(P) Fernandina	4 S;ocean E	16	50h	
(N) Flemings Island OLF (Jacksonv'l)	17.5 SSW	23	40h L	B-2 lgts. (N)
Fort Pierce, com.	3.3 SSE,RR E	18	26 L1 S6	80 oct. Pole line W.
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis)	0.9 SSW;lk NNW	81	23 S1	80 oct. Poles SW,N,W.
Gilbert (Winter Haven)	3.5 NNW;lk W,E	135	40h S6	80,91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (NC)	1 NW	175	20 L1	
Hart (Jacksonville)	6.5 W,RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne	1.2 SSE,RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE.
Hendricks (Sebring)	6.5 ESE,RR N	62	50h	
Herlong (Jacksonville)	10.5 WSW	87	40h	
Hidden Acres (Clarcona)	1.5 WNW,lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa) (A)	7 NNE	67	50h	CLOSED
Hoequist (Orlando)	3.8 SW,bet lakes	90	20 S4	80 oct. No sto. Trees E.
(N) Jacksonville NAS (N)	7.2 S,riv E,N	20	60h R1 L5 S6	91,100 oct.
(A) Jacksonville No. 1	6.3 N,RR W	52	70h R2 L5 S4	80,91 oct; 100 oct,JP-1 for Army.
John H. Allison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80 oct. Lgts prior req.
(P) Kay Larkin (Palatka)	3 WNW,RR N	56	50h L5 S1	91 oct.
Kerlin (Minneola)	0.5 NE	100	18 S2	80 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW,RR W	192	50h	CLOSED
(A) Kissimmee AAF (A)	2 W;RR N	65	50h	CLOSED
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h L	
Lake City	3.7 ESE,RR S	201	60h	
(A) Lakeland AAF (A)	4.5 SW,RR NE	142	50h	CLOSED
LAKELAND MUN. NO. 1	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on req till 2400.
Lake Wales	2.3 WSW,RR N	225	40h L3 S6	80,91 oct.
(N) Lee OLF (Green Cove Springs)	2.2 SE,riv N	22	51h	INACTIVE. (N)
(A) Leesburg AAF (A)	4 ENE,RR SE	67	50h L3	CLOSED
Ludwig Sky Harbor (St.Petersb.)	6 NE;bay E	14	33 L1 S6	80 oct.
(A) MacDill (Tampa)(A)	8 SSW,bay NE	9	100h R1 L5 S6	73-100 oct. JP-1.No sto.
→ Malabar	7 WNW	27	40h	
(CG) Mayport CGAS (CG)	0.6 NNE,riv N	19	43h R1	INACTIVE.
Melbourne	2.2 NW;RR E	26	43h R1	
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
Montbrook (Williston)	3.2 SSW;hwy E	70	70h	
New Smyrna	3 NNW;RR W	12	50h	
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct;100 oct.for military.No sto.
Osceola (Sanford)	10 SSE,lake SE	25	40h	
PETER O. KNIGHT (Tampa)	3.7 S,bay S,E,W	8	40h R1 L5 S6	80,91 oct. Shipyard NE.
→ Pinecastle (AAF)	3 ESE;lake NW	95	100h	CLOSED
PINELLAS CO. MASTER (St. Petersburg)	9.5 N;bay N	12	50h R1 L5 S6	80,91 oct.No sto.
Piper-Fuller (St.Petersburg)	4.8 WNW,RR E	21	32	(NC)
Plant City	3 E;hwy N	172	53	
Robinson (Plant City)	1.5 WSW,RR E	110	18 S1	80,91 oct.Pole line ESE.
Roseland (Sebastian)	1.7 W;riv N,E	23	40h	
Ryan (Apopka)	1 N;lake NW	104	28 S6	80 oct.
St.Augustine	4 NNW;hwy W	10	42h S1	80,91 oct.
Sanford	2.5 SE,lk N,S	57	60h S6	80, 91 oct.
Sawyer (Palatka) (NC)	2.6 S,RR SE	60	25	Trees N,E,S.
Sebring	4 SW;lake NE	200	20 S1	80 oct, Pwr line SW.
Showalter Arpk. (Winter Park)	2 E;RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct.No sto.Trees S.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct.No sto.P-line NE.
Spruce Creek (Deland)	16 ENE	25	40h	3.5 mi. N of Samsula.
Stengel (Gainesville)	4 WSW,RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (N)	1.5 SE	31	40h	
(P) Taylor (Ocala)	1 SW,RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs
(P) Titusville-Cocoa (Titusville)	6 S;riv E	35	50h S6	80 oct. No sto. prior req.
* Titusville Int,20,MM-AG	1.3 NW,RR E	28	28 L3	
Tomoka (Daytona Beach)	7.8 NW	29	40h	
Valkaria (Melbourne)	8 SSE;RR E	26	40h	
VERO BEACH	1 NW;RR E	24	65h R1	
Wauchula (NC)	2.1 E;riv W	120	21	Trees N,E,NE.
(N) Whitehouse OLF (Jacksonville)	13 W;RR S	102	40h L	B-2 lgts. (N)
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E.Data unver.
Wimauma (NC)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.
(A) Zephyrhills AAF (A)	1.5 ESE;RR W	92	50h	CLOSED
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

134 JACKSONVILLE

R: EXTREMELY HAZARDOUS. D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



MIAMI 135

● COMPULSORY REPORTING POINT.
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION

SARASOTA-BRADENTON
SARASOTA COM.
VENICE MUN.
VENICE AAF
PUNTA GORDA
CARLSTROM
JACKSONVILLE 134
CONNERS
WITHAM
STATUTE 10 MILES 20
AMBER 7
FORT MYERS 341 (116.1)
PAGE
BUCKINGHAM
JACKSONVILLE MIAMI
RIDDLE
CLEWISTON
BELLE GLADE
WEST PALM BEACH 209 (116.1)
MORRISON AAF 278 MC 118.9 126.18 MC
BELVEDERE
LAKE WORTH
PALM BEACH CO. PARK
BOCA RATON AAF 396 MC 126.18 MC
NO. POMPANO OLF
FT. LAUDERDALE
FORMAN OLF
NAS. FORT LAUDERDALE
IMMOKALEE
NAPLES
RED 25
MIAMI AREA
TO WEST PALM BEACH
NO. PERRY OLF
MacARTHUR
NAS. MIAMI
MASTER OLF 382 MC 142.74 MC
MIAMI 365 (116.1)
MIAMI OLF
TO FORT MYERS RED 25
MIAMI AVIATION CENTER
SUNNY SOUTH
TAMIAMI
MIAMI INTERNATIONAL-AAF 278 MC 118.5 126.18 MC
MIAMI BAY SHORE
BROWN
CHAPMAN
NAS. RICHMOND
TO KEY WEST
SCALE OF MILES
HOMESTEAD MUN.
SO. DADE CO.
STOCK ISLAND
MARATHON
KEY WEST 332 (116.1)
NAS. KEY WEST 396 MC 142.74 MC
MEACHAM
OVER

RADIO AIDS — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOCA RATON AAF	396 (126.18)	CA	(3), 126.18 (6-24)
FORT LAUDERDALE FM	(-)	FM, 4°, 24.4	Miami
FORT MYERS (Page)	341 (FM)(116.1)	SBRAZ-VDT,38°,3.6	(4), 116.1
KEY WEST	332 (KW)(116.1)	SBRAZ-VDT	(4), 116.1,122.1
Key West NAS	396 (142.74)	CN, 70°, 5.8	(3);142.74 (sunrise to sunset)
Key West NAS (Seaplane) (NC)	272 (142.74)	CN	3105,142.74 (prior req.)
MASTER OLF (Miami)	382(142.74)	CN	(3); 142.74 (7-sunset)
MIAMI BAY SHORE FM	(- -)	FM, 90°, 6	Miami
MIAMI	365(MM)(116.1)	SBRAZ-VDT	(3),116.1
Miami International Arpt.	278 (126.18) (118.5)	AC, 270°, 2.3	(4); 131.9, 126.18, 118.5
MORRISON FIELD (West Palm Beach)	278 (126.18) (118.9) +	C	(4); 118.9, 126.18, 122.5
STOCK ISLAND LFM	(-)	LFM, 70°, 4	Key West
WEST PALM BEACH (Morrison Field)	209 (DW2) (116.1)	BMRAZ-VDT,89°,2.4	(3), 116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Arcadia	2 SE,hwy W	60	30	Trees around fld.
Belle Glade	1 NNE,lake W	17	27 S6	73 oct. No sto. Light acft.
(A) Boca Raton AAF (A)	2 NNW,canal E	13	64h R1 L5 S6	73, 91, 100 oct. Twr SE.
Brown (Miami)	10 SSW,RR NW	10	20 S6	80, 91 oct. No sto. Trees E.
Buckingham (Ft.Myers)	10 E,riv SW	25	54h	
Carlstrom (Arcadia)	7 SSE,hwy N	56	53	
Chapman (Miami)	10 SW,RR W	3	40 S6	80,91 oct. No sto. Pwr line W.
Clewiston	1.6 SW,RR N	19	30 S6	80 oct. Pole line N, E, S, W.
Conners (Okeechobee)	2.5 NW, RR S	34	50h	
Dorr (Arcadia)	11.5 E,hwy N	74	53	
(N) Forman OLF (Ft. Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE.
(N) Fort Lauderdale NAS (N)	3.5 SSW,RRW	10	50h S1	100 oct.Fld avail wkdays prior req
Fort Lauderdale (Oakland Park)	5.3 NNW	14	40h.	Trees sur. fld.
Homestead, mun.	2 NE, rd N	8	28 S6	80 oct.
Immokalee Airfield	1.3 ENE,RR W	20	50h	
★ Immokalee Int, 13, TM-MM	5.25 SE,RR SW	23	38 L2	
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91, 100 oct. No sto.
Lake Worth	2 W,hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW,RR E	12	28h S4	80, 91 oct. No sto. Trees SE.
Marathon	1.8 ENE,hwy S	6	100h	
(N) Master OLF (Miami)(N)	8 NNW,RR W	9	74h R1 L5	Pwr line SE.
MEACHAM (Key West)	2.3 E,ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE,bay E	8	25h S6	80, 91.oct. No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) MIAMI INTERNATIONAL - AAF	5.5 NW,RR S	9	74h R2 L5 S6	91, 100 oct. JP-1. FEE. 2-way radio on req. AIRPORT OF ENTRY.
(N) Miami NAS (N)	10.7 NW,canal N	9	60h L5 S6	91, 100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW,RR E	91	36h	
(A) MORRISON (West Palm Beach) (A)	2 W,canal S	15	70h R2 L5 S5	73-100 oct. FOREIGN CLEARING STATION.
Naples	2 NE,RRs E,W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N)	1.5 NE,RR W	21	40h	(Pompano)
PAGE (Ft. Myers)	4 S,RR SE	18	51h R1 L5 S6	80, 91 oct. Ground traffic
Palm Beach County Park (Lantana)	2 WNW,lake N,E	16	35h L5 S6	91 oct. Fld lgts on prior req after 2300.
(P) Punta Gorda	5 ESE,hwy SW	22	50h	
Punta Gorda, mun.(NC)	3 SSE,hwy E	4	24	
(N) Richmond NAS (LTA)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston)	7.6 W,hwy N	19	30h	Use rnwys only.
SARASOTA-BRADENTON (Sarasota)	3.5 NNW,hwy W	24	50h L5 S6	80, 91 oct.
Sarasota, com.	2.5 E,RR S	25	28 S1	80 oct.
Sunny South (Miami)	6 N,hwy N	12	40 S6	80,91 oct.No sto.Rnwy data unver.
Tamiami (Miami)	12 W		35h S4	80, 91 oct. No sto. Data not verified.
(A) Venice AAF (A)	2 S,RR E	15	50h	Pole lines N, E. CLOSED
Venice, mun.	0.5 SE,RR E	20	36 S2	80 oct.
(P) Witham (Stuart)	1.5 SE,RR SW	17	50h S1	
So.Dade Co.(Homestead)	5 E	8	60h L5 S6	87 91 oct. No sto.
Belvedere (West Palm Beach)	2 SW	17	25 S5	

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK; 277°, 10.6	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL ARPT. (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3); 116.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(116.1)	SBRAZ-DTXV	(3); 116.1
Los Angeles Airport	272(126.18,118.9)	C (ILS);244°, 3.8	(4); 126.18,118.9,131.9
LOS ANGELES	109.1 (LA)	VAR	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219 (126.18)	CI	(4); 126.18, 116.1, 122.5
SANTA ANA (Navy)	472(NTK)(116.1)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	272 (126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)
COLORADO			
AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7
DENVER (9 mi ENE Stapleton)	109.1(DV)(111.1)	VAR-DTV	(3); 131.7
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122.5,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Los Angeles, Calif.	109.9	333.8	247° Mag.	IM- (.05)	MM-	OM- (2.45)
					MMK-	OMK-
Stapleton, Colo.	110.3	335	206° Mag.	IM-	MM- ..... (.64)	OM- -- (4.2)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS — CALIFORNIA

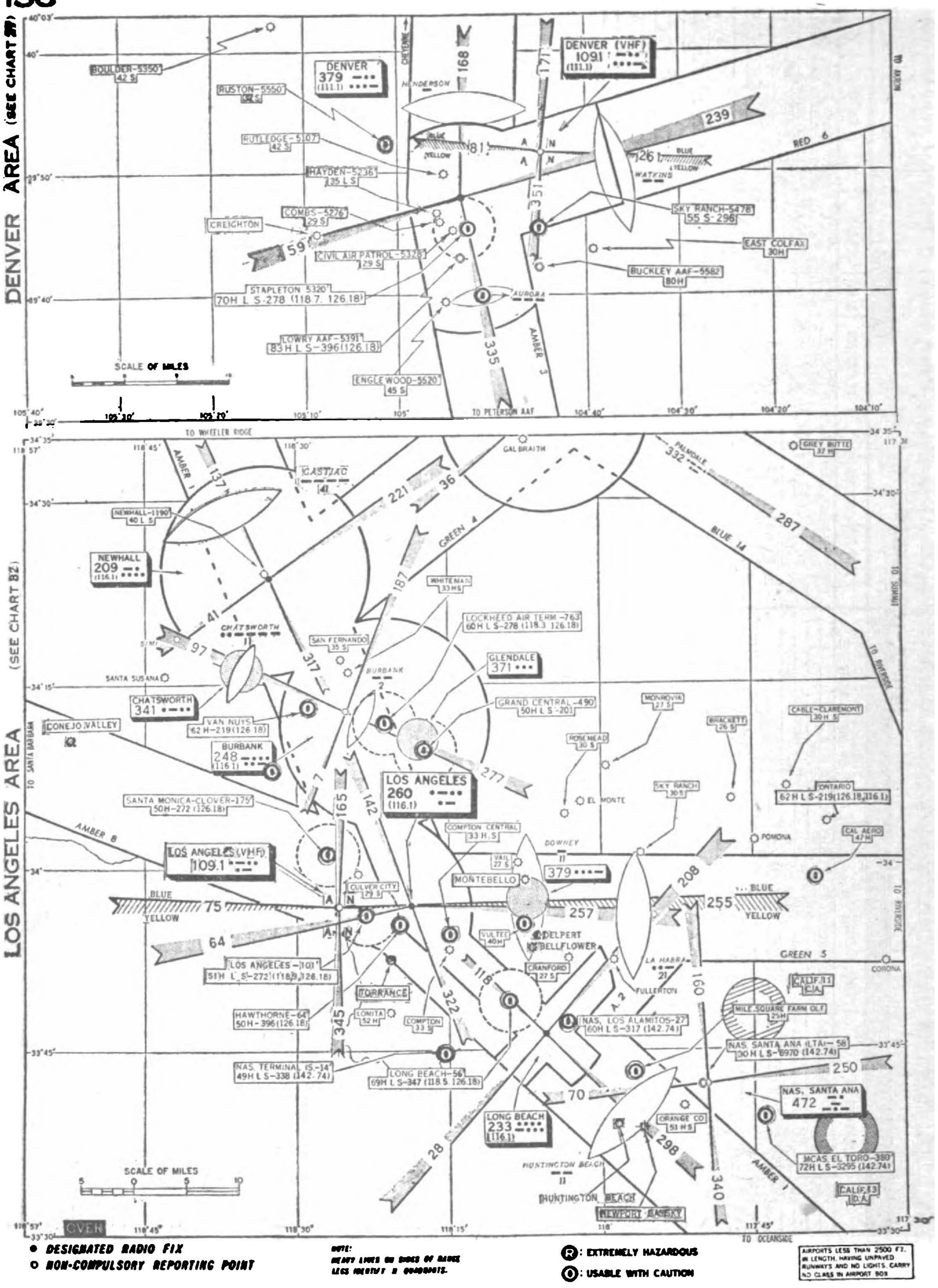
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;riv E	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana) (N)	6 SE,RR,hwy W	380	72h R1 L5 S4	80,100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
Grey Butte (Victorville)	22 W	3050	37h	Mtns S.
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54		
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91,100 oct. No sto. Two-way radio required.
Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	80,91,100 oct. JP-1. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. (N)
(A,N) Los Angeles (Mines Field)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd. ARMY TEMP INACTIVE; CIVIL FACS.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S. (N)
Monrovia	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	58	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct. No sto. Pwr line W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)	2 ENE	14	49h R1 L6 S4	80,100 oct NAFC (N)
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT. NO FACS. (See Special Notice)
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW, NE, SW.
COLORADO				
(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(A) Buckley (Denver) (A)	12.5 ESE	5582	80h	TMP INACT. NO FACS. (See Special Notice).
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct. Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5391	83h R1 L5 S6	91,100 oct. JP-1.
Ruston (Denver)	10 NNW;hwy W	5550	32 S1	80,91 oct. Pole line W,SW.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct. Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.

DENVER AREA (SEE CHART 82)



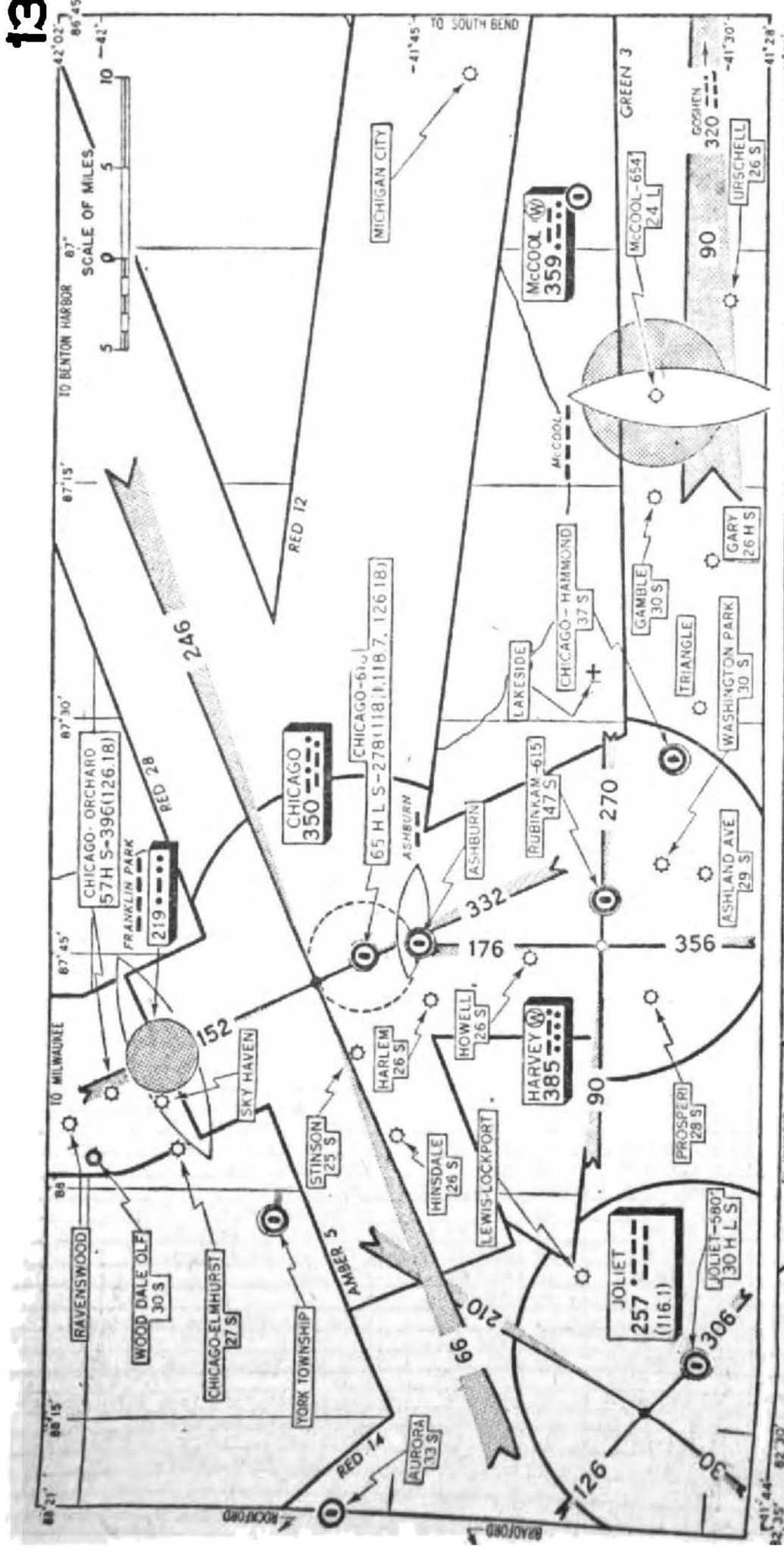
- ● DESIGNATED RADIO FIX
- ○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BLACK LEGS INDICATE A BOUNDARIES.

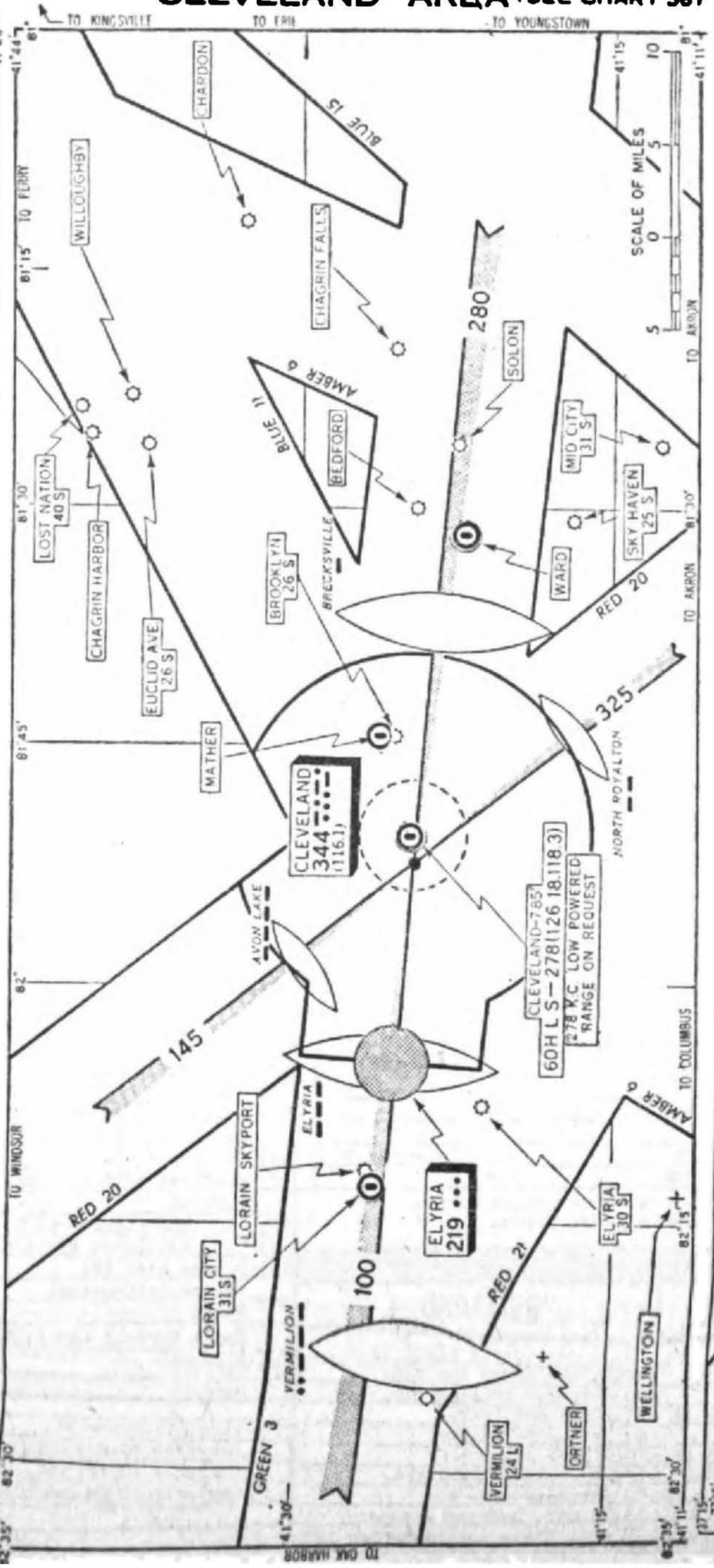
- Ⓡ: EXTREMELY HAZARDOUS
- Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

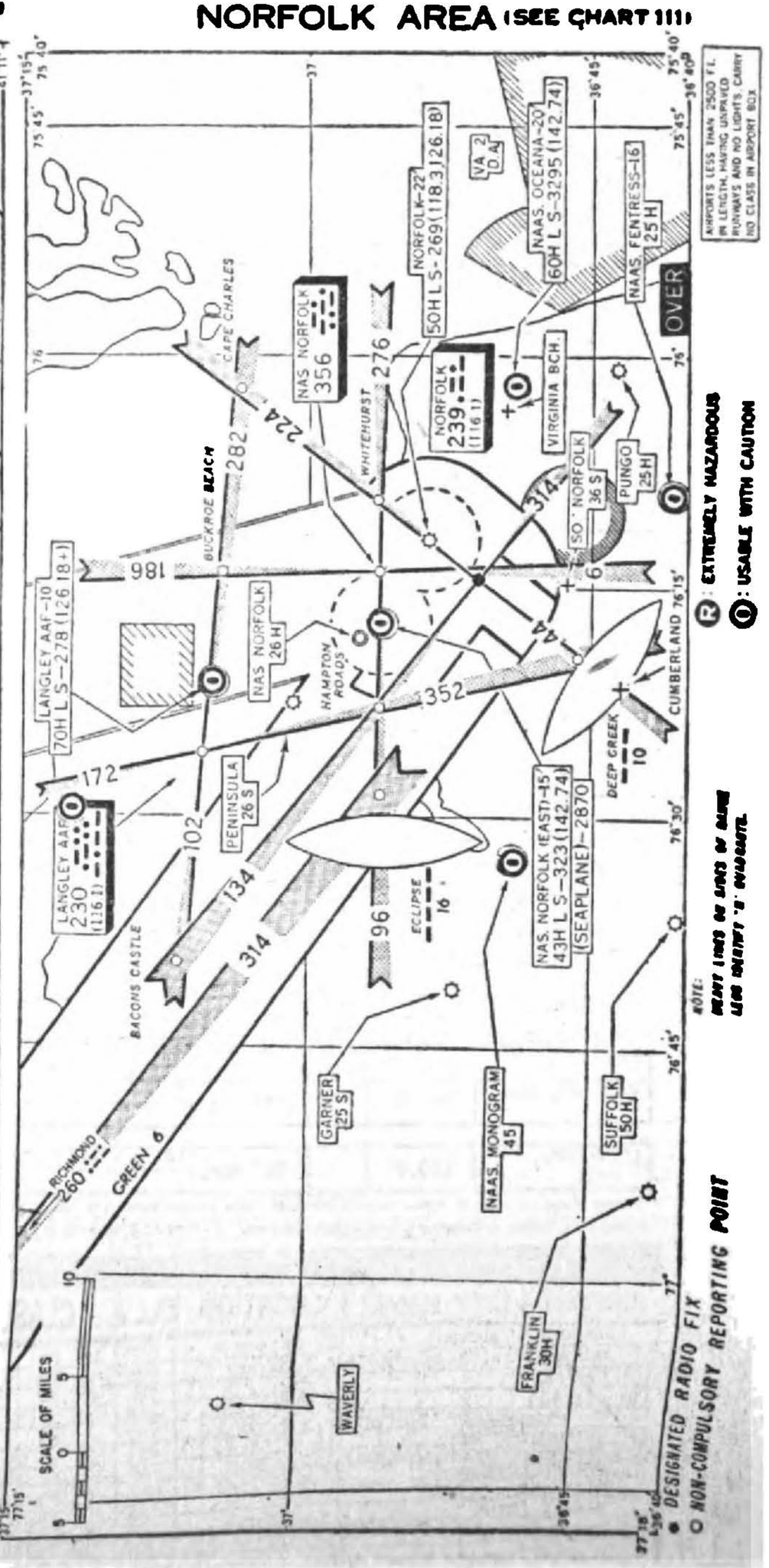
CHICAGO AREA (SEE CHART 34)



CLEVELAND AREA (SEE CHART 38)



NORFOLK AREA (SEE CHART 111)



RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM,152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX	(3);116.1
Chicago Airport	278(126.18, 118.7,118.1)	AC (ILS);152°,2.2	(4);131.9,126.18,118.7,118.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
FRANKLIN PARK	219 (L)	FMK; 332°, 9.5	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-VDT; 126°,3.7	(4); 116.1
CHICAGO-ORCHARD(Chicago)	396(126.18)	C	(4);126.18

INDIANA

→ McCOOL (Int)	359(ML)	MLW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen

OHIO

AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°,13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-VDTX	(3);116.1
Cleveland Airport	273 (126.18) (118.3)	AC (ILS);100°,0.7	(4); 118.3, 126.18 ,131.9
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. - - - -)	FM, 280°, 26	Cleveland

VIRGINIA

DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	230(DLY) (116.1)	SBMRAPZ-VDT	(3); 116.1
Langley Field	278 (126.18) (116.1) +	CA; 102°, 3.5	(4); 126.18 only
NORFOLK	239(NW)(116.1)	SBMRLZ-VDT	(3);116.1
Norfolk Airport	269 (126.18) (118.3)	AC; 140°, 3.4	(4);131.9,126.18,118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS(East Fld)	323 (142.74)	CN; 276°, 2.9	(3); 142.74
Norfolk NAS(Seaplane)	2870	CN	2870 (7-17 & on req)
OCEANA NAAS	3295(142.74)	CN	3105,4495;142.74(745-1830)(GCA)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. on mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO, ILL.	109.9		132° Mag.	IM ·····(.06)	MM	OM --(4.89)
					MMK 201 ···(.72)	OMK
CLEVELAND, OHIO	109.9		54° Mag.	IM ·····(.06)	MM	OM --(4.75)
					MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +-Army A.C.S. transmits on and guards 116.1, 127.65, 149.50 mcs.

AIRPORTS

ILLINOIS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Ashburn*(Chicago)	12 SW;hwy W	620	16 S4	73,80 oct.Unsafe after rain.
Ashland Ave(Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct.Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE;stack SE.
(N) CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FKE.
Chicago-Elmhurst(Elmhurst)	2.5 N;hwy SW	707	27 S6	80,91 oct.Poles S.E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1
(P) Chicago-Hammond(Lansing)	1.5 S;RR N	660	37 L1 S6	73,80oct.Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct.Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73,80 oct. Rolling ground.
Howell (Blue Island)	3 W; hwy E	600	26 S4	80 oct. Obsts sur fld after 2400
Joliet,22,LS-CG	5 W;riv W	500	30h R1 L4 S4	80, 91 oct.Flood lgts prior req

ILLINOIS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lewis-Lockport(Lockport)	2.2 WNW;hwy E	664	26 S6	80,91 oct. Twr SE.Obsts sur fld.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;hwy E	650	18 S6	80 oct. No sto.
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven(Bensenville)	1.5SE;bet RR,rd	650	23 S4	80,91 oct.Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct.Pole line S,W.
(P) Washington Park(Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct.Allway area.
Wood Dale (Glenview)	10.5 SW	711	30 S5	80 oct.
York Township(Lombard)	2 SSW;hwy N	726	20 S6	80 oct.Use strips.Pole line N,E.

INDIANA

Gamble (Hobart)	1.8 hNW;hwy S	650	30 S4	73,80 oct.Obst sur fld.
Gary	6 S;hwy W	610	26h S6	80,91 oct.Trees N,E,S.
★ McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	
Michigan City	4 E;RR N	650	24 S1	80,91 oct.Pole line E,S,W.
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct.Pole line N.

OHIO

Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harb.(Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	73,80,91,100oct.JP-1.FKE. ARPT.
Elyria	1.6 SSW;RR NW	745	30 S2	80 oct. Poles SE. LOP ENTRY
Euclid Ave.(Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
Lorain City (Lorain)	2.1 SW;RR N	610	31 S1	80 oct.Pole line NE,SE.
Lorain Skyport(Lorain)	2.8 W;lake NW	610	30 S1	80 oct.Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct.Obsts sur fld.
Mather (Cleveland)	5 SW;RR S	760	19 S2	80 oct. Rnwy data unver.
Mid City (Hudson)	2 S;RR S	1050	31 S4	80 oct.Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct.Data not verified.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80oct.No sto.Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct.Pole line SE,W.
★ Vermilion Int, 28,CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.

VIRGINIA

(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs,pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct.JP-1
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) " NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field.
(N) " NAS (East Field)(N)	6 N;RR SW	15	43h R2 L5 S6	91,100 oct.NATS,NAFC.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct.No bcn.
Peninsula(Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel.No sto.Data unverified.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Waverly	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush sur fld.
Virginia Beach Va.	4.5W;RR,hwy N	15	42 S4	80,91 oct.Pole line N.Data unver.
Lakeside (Gary) Ind.	7.5 W		35 S4	73,80 oct. Unverified.
Triangle (Dyer) Ind.	1.5 NE; RR E	630	33 S2	80,91 oct. P-line S,SE.Bldg W.
← Cumberland(Portsmouth)(Va)	7.5 SSW		28 S4	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X111) (NC)-Not charted. → NEW OR REVISED DATA

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
ILLINOIS			
BELLEVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49, 1.8	(4)
MISSOURI			
LAMBERT-ST. LOUIS ARPT. (St. Louis)	278 (126.18, 142.74)	AC (ILS)	(4); 131.9,126.18,142.74
ST. LOUIS (Lambert -St. Louis Arpt.)	209 (LS)	SBRAZ-DTX,256°, 2.2	(3)
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK,69°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.
OREGON			
PORTLAND	332 (PD)(116.1	SBRAZ-VDT	(3); 116.1
→ Portland AAB	278 (126.18, 118.3)+	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland
TEXAS			
ALAMO (San Antonio (San Antonio Arpt)	344(JR)(116.1)	MLZ-VDT; 174°,2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	DMRLZ	(3)
Randolph Field	272 (126.18)	CA;322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,131.9,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
WASHINGTON			
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC	(4);131.9,140.1,126.18, 118.3
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS);26°,1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260(SA)(116.1)	SBRAZ-VDTX, 296°, 3.3	(3); 116.1
SEATTLE NAS(Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore. (GCA)
WOODLAND FM	(- - - -)	FM, 331°, 23	Portland, Ore.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St.Louis)	7 NNE,lake W	420	32 S6	73 oct.
Parks(E.St.Louis)	4.2 SW,RR SE	410	26 L1	25-75' obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	17h S6	80,91 oct.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.
MISSOURI				
Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct.Port rnwy lgts.
(N) LAMBERT-ST.LOUIS (St. Louis)	10.8 NW,hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct.Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW,riv N	438	20h	(St. Louis) Lgt acft only.
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct.Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct.Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct.Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct.Pole line NE,N.
OREGON				
Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.6 WNW,RR E	200	29 S1	73 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scap-Poose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R2 L5 S6	100 oct;Ltd 73 oct,JP-1 No sto. Pole W,lgtd.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.
TEXAS				
Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct.Poles,trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurt (San Antonio)	6.5 W,NW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEARSTN
Kuehler(New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct.Pwr line N, W, NW.
(A)Martindale(San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct.No sto.P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct.No sto. (A)
SAN ANTONIO MUN.-ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	73,80 oct.
Stinson(San Antonio)	6.2 SSE,RR E	567	49h	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	
WASHINGTON				
Auburn	1.8 ESE,hwy S	276	20 S6	80 oct. Trees.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct, Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING → (Seattle)	6 S,riv SW	23	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto.Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Bellevue)	4.1 ESE,lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1(L6)S6	91,100 oct.
(N)Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S1	80 oct.Pole line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E.&

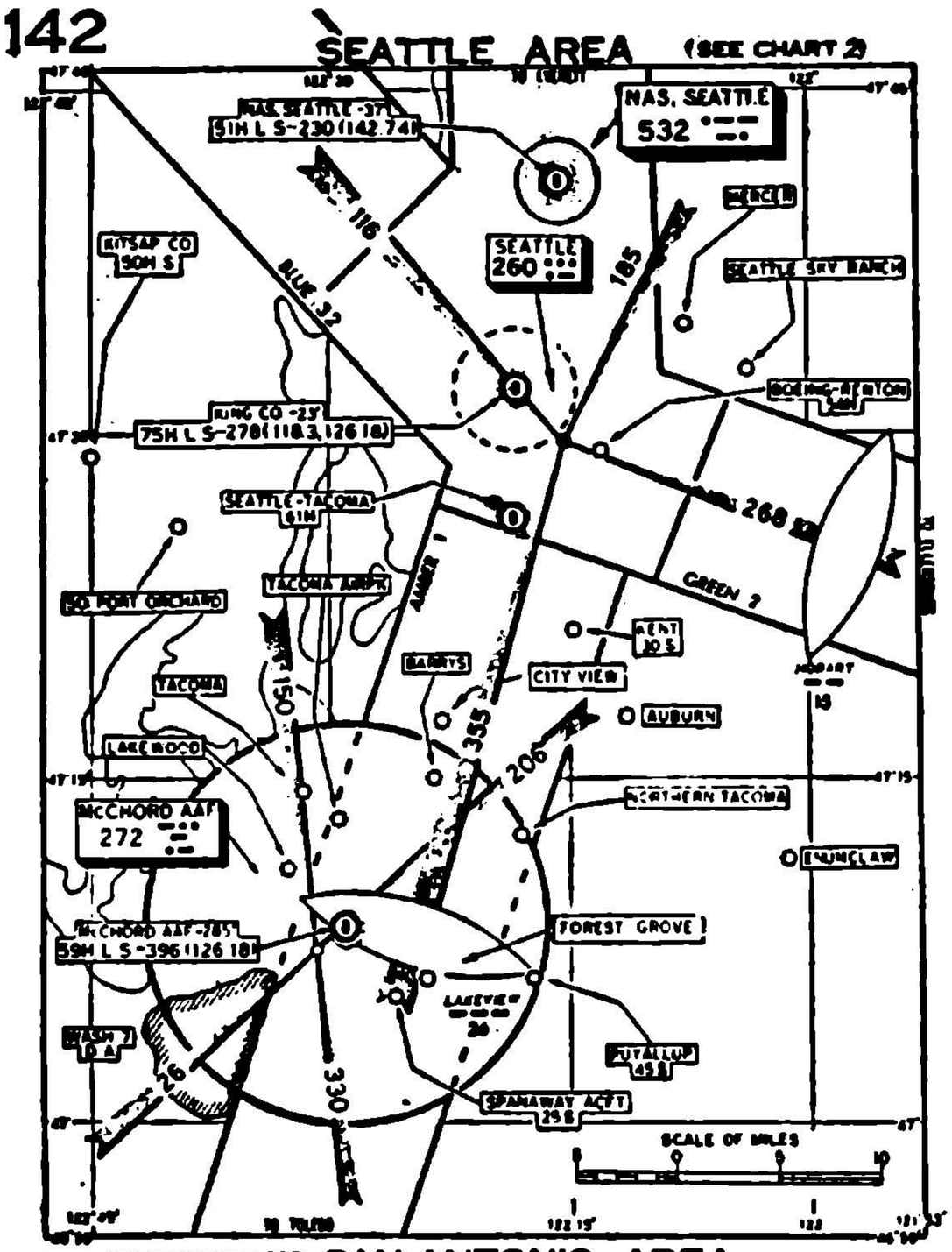
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Lambert-St. Louis, Mo.	110.3		238° Mag.	IM- ····· (.06)	MM-	OM- --(4.50)
					MMK- 201 ··· (.60)	OMK-
McChord, Wash.	109.9	333.8	337° Mag.	IM- (.26)	MM- ····· (.85)	OM- --(4.44)
					MMK-	OMK-
San Antonio Alamo, Tex	109.9 --·--	333.8	30° Mag.	IM-	MM- ---- (.58)	OM- --(4.4)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

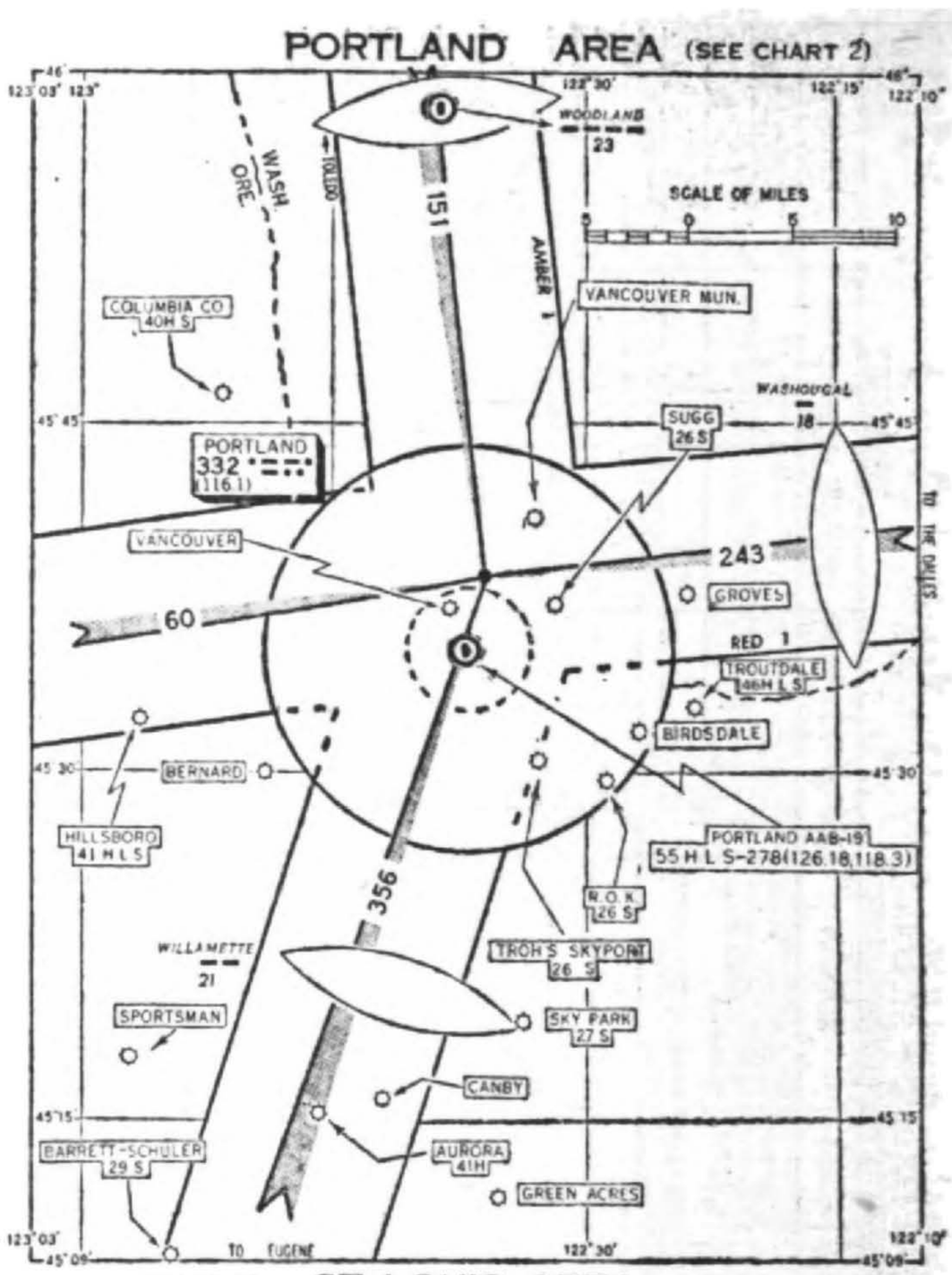
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted) → NEW OR REVISED DATA

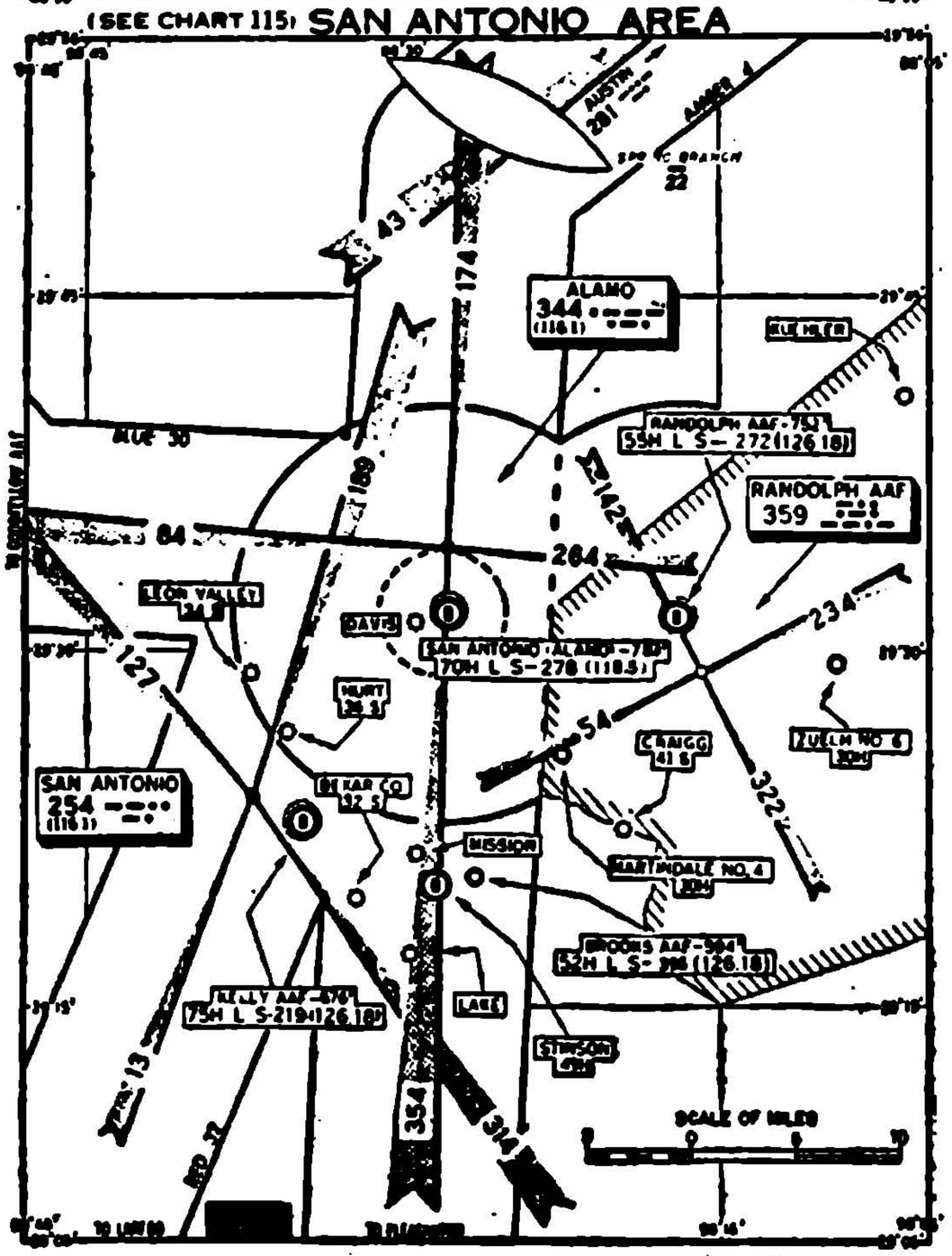
SEATTLE AREA (SEE CHART 2)



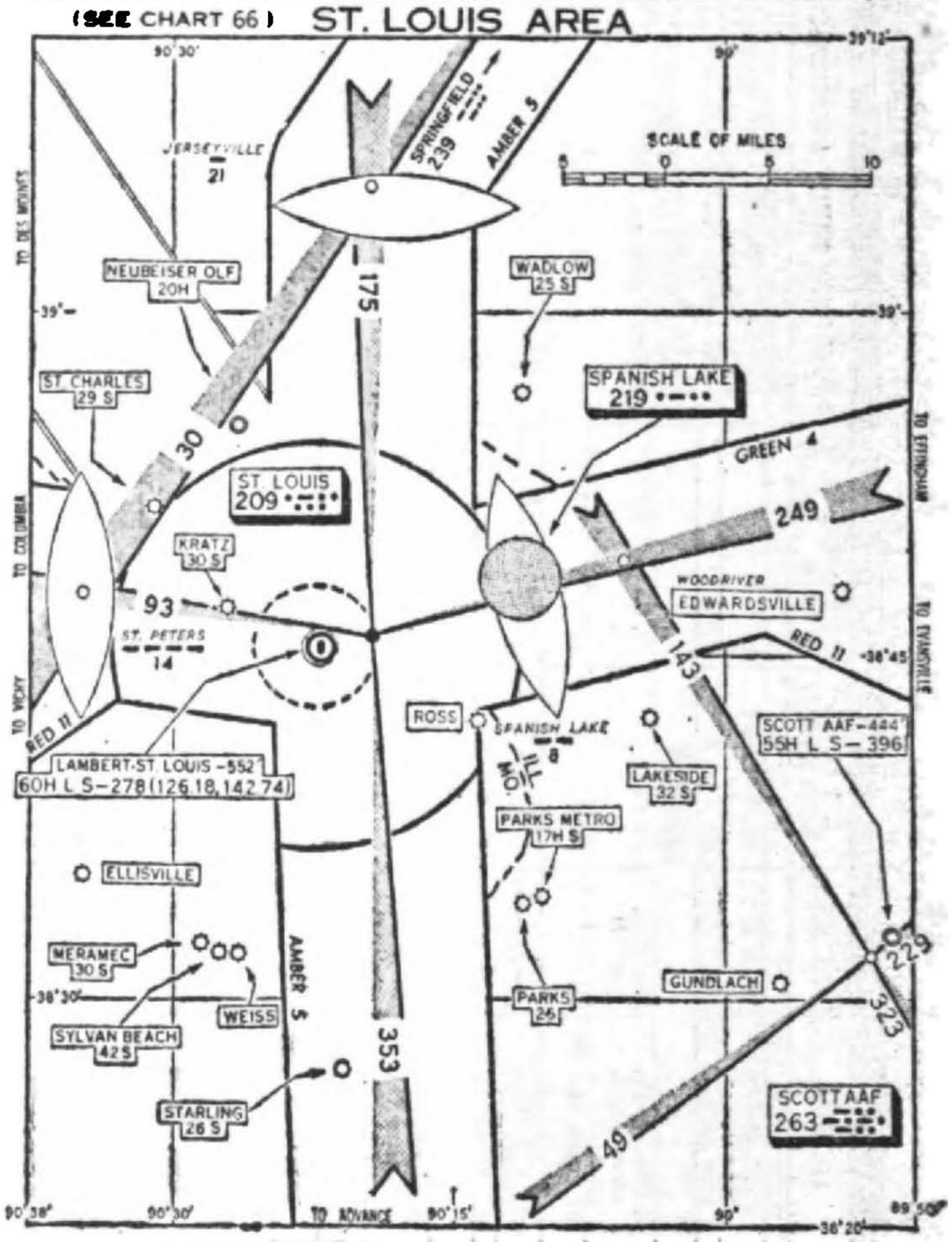
PORTLAND AREA (SEE CHART 2)



(SEE CHART 115) SAN ANTONIO AREA



(SEE CHART 66) ST. LOUIS AREA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON EDGE OF BASIC
LOCI DENOTE "E" BOUNDARY.

AIRPORTS LESS THAN 2500 FT.
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS CARRY
NO CLASS III AIRPORT BOX

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
(N) Corcoran, Tulare Lake				ABANDONED.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 141		**FLORIDA**		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct, Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	30 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch,ARPT OF ENTRY.
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct. Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl L4 S4	87,91 oct. Ramps; all facs.
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S;arpt W	8	Unl S6	80 oct. Ramps; all facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
← Shreveport, Cross Lake	5 NW	170	100 S4	Fuel; dock. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.
Eagle Lake	3.8 N			
East Holden,Holbrook Pond	1.1 NNE	574	70 S1	80 oct. Obsts.
Eastport	1 W	200	50 S1	73 oct. Ramp; dock.
Fryeburg	2 E	S.L.	Unl	Ramp.
Greenville,Moose Head Lake	0.6 NNW	358	120	Trees encircle lake.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	50 S4	91 oct. Ramp.
Madison,Tomlinson	6.8 NE	1028	52	Buoy;boat;beach;float.
Naples	0.5 NNW	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Portage,Portage Lake	0.4 WSW	267	160 S1	80 oct. Boat.
← Shinn Pond	0.7 N	609	160 S4	80,91 oct.Beach;boat.
Winthrop,Inland Fish & Game	2.7 NNE	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
		212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
(N) Baltimore,Middle River NAF	10 E	S.L.	Unl S6	91,100 oct. Ramp; buoys. (N)
Baltimore	7 S;bay E		Unl L1 S4	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	2 W	45	50	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
← Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach, Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro:Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

R-radio facilities. L-lighting facilities. S-servicing. (See page 4111) ← NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or indexed.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N)New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	1 E	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L.	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N)Quonset Pt.NAS (Providence)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs. (N).
TEXAS				
(N)Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	3 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N)Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N)Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N)Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 S	Fuel,sto,prior req.Ramps;buoys.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach.
(CG)Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N)Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	586	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct.Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
Kingston,Aero Lake(N.Y.)	3.7 SSE;RR W	220	32 S4	80 oct. Trees sur lake
(N)Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp; all fac prior req.
Orlando,Davis-Big Lake Airview (Fla.)	2.5 NW	90	80 S1	80 oct.Ramp, dock
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.

CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

NOTICES TO AIRMEN

INTRODUCTION

PROCEDURAL STATEMENT: The AIRMAN'S GUIDE no longer has a separate section for the DIRECTORY OF AIRPORTS or the AIR NAVIGATION RADIO AIDS. These two sections are now inserted as data pages between the flight planning charts. To retain the 2-page chart flow, however, the data pages are found on the reverse sides of the charts rather than facing them. On the data pages are tabulated all the data covering the facilities charted on the reverse sides and formerly found in the DIRECTORY OF AIRPORTS and AIR NAVIGATION RADIO AIDS sections. To facilitate reference to a particular facility, an Index of Facility Locations with the parenthetical number of the page on which the locale is charted has been added to the revised AIRMAN'S GUIDE, e.g., Chicago (139). On the back of page 139 will be found the Air Navigation Radio Aids and the Directory of Airports data covering Chicago.

Because of the serious paper shortage every means of reducing the Airman's Guide bulk has been investigated. Codification and considerable abbreviation are already being utilized. No material may be deleted, however, in this paper conservation program because surveys have revealed that subscribers consider all parts of the Guide essential. Consequently, about the ultimate step in this bulk-reduction direction has just been taken. The data pages backing the charts now serve, where possible, as notam pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with (R) (for red flag) symbols on the charts, are now cited in the Notices to Airmen section.

Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication. All changes from the previous issue, whether cited in the Notices to Airmen section or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes. Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted. This is a heavy black horizontal line device.

Space below the heavy black horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data, but new airports and radio aids are listed, necessarily out of alphabetical alignment, below the heavy black horizontal lines until the page is re-typed.

In summation: (a) on the data pages backing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen section, citations covering new or revised radio data are prefixed by one large star "★". Citations covering new or revised airport, or miscellaneous data are prefixed by two asterisks "**".

All temporary conditions (field soft, runway under construction, range course out of alignment, etc) are cited in full until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported.

To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

CIVIL FACILITY DATA: Please advise immediately the Office of Aviation Information, Attention A-250, CAA, Department of Commerce, Washington 25, D. C., whenever temporary conditions covering civilian airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

SPECIAL NOTICES

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civilian fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any army airfields to transient military aircraft for a period in excess of ten days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D.C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviations No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D. C., for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter #96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

✓ POLICY ON ARMY USE OF TEMPORARILY INACTIVE ARMY AIR FIELDS: 1. Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein by the following notice: "Army temp inactive - civil facs". 2. Temporarily inactive Army air fields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft on official business only at the discretion of the Commanding Officer of the base to which the aircraft is assigned. Such airfields will be identified herein by the following notice: "Temp inactive - no facs". Above policy statement is not to be construed as countermanding any AAF regulations or letters governing command use of municipal airports or Army airfields.

"OFFICIAL BUSINESS" AS APPLIED TO AAF: The term "official business", within the meaning of AAF Regulation 85-2, is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining aircraft clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintining flying proficiency are not considered to be official business within the meaning of this regulation.

AIRPORTS AVAILABLE FOR USE BY MILITARY AIRCRAFT: The attention of Army clearance personnel and of Army pilots is invited to provisions of Section III of Army Air Forces Regulation 85-2, which states in part: "The use by Army aircraft of private airports which have not been leased, purchased, or otherwise acquired by the

✓ Indicates new or revised Special Notice.

Federal Government is unauthorized except in case of emergency or for official visits authorized by an Air Force or Command". This Regulation further states "AAF transient itinerant aircraft may utilize: (a) Government or DLA (development landing area) type airports, subject only to such restrictions as may be listed from time to time in Weekly Notice to Airmen . . . (b) Private airports when legal permits for their limited use are procured by, and filed with the real estate agency of the War Department...". Reference to the AAF Installations Directory, and to the Data Pages as well as the Notices to Airmen section of the Airman's Guide should be made in case of doubt as to the proper use of fields. On the Data Pages, all AAF installations are designated by the prefix (A), Navy by (N) and DLA by (P).

CHANGES IN LISTING PROCEDURE FOR ARMY AIR FORCE AIRFIELDS: In an effort to simplify the use of Airman's Guide within the printing limitations imposed by the Government Printing Office, notices on Army airfields that are closed or temporarily inactive or surplus to Army Air Forces will be carried in the Directory of Airports section thereby eliminating the necessity for checking in more than one section to obtain the correct status of an airport. Minor restrictions such as hours of operation, service, and hazards will continue to be listed in the Notices to Airmen section. The following procedure has been placed in effect in this issue:

(a) The term "CLOSED" will be shown in the Directory section only, for all AAF airfields that are closed to all transient traffic except on official business or in emergency. The legend page of the Directory will give such a definition for "CLOSED". Airports that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the W.A.A. will also be listed as "CLOSED".

(b) AAF airfields that now carry notices of "Army temp inactive - civil facs" or "Temp inactive. No facs. (See Special Notice re use)" will now have such citations in the Directory section only.

RESTRICTION ON FLIGHT OF AAF AIRCRAFT IN NEW YORK CITY AREA: No AAF aircraft except those on scheduled transport operations will be cleared to New York City Area unless point of first intended landing is Mitchel Field, Hempstead, L.I., N.Y. When instrument conditions prevail in New York City Area, no Army aircraft except those on scheduled transport operations will land at or take off from other than Mitchel Field. When contact conditions prevail in New York City Area, aircraft which have been cleared for Mitchel Field but which desire to land at other authorized fields in New York City Area will, when approaching New York City Area, obtain clearance from Olmsted Flight Service Center through normal communication means. For purposes of these instructions, New York City Area is defined as a circle 50 miles in diameter centered on southern tip of Manhattan Island. Contact weather New York Area will be considered to be 2000' ceiling, 3 miles visibility, both day and night. When cloud conditions exist below 2000', flight conditions will be considered IFR.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-5D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with TO 01-230 HB-13 and -14.

*R-5D helicopters No. 43-46643 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Fld, Fla., Washington National Airport, D.C.; or Westover Field, Mass. ALASKA - McChord Field, Wash.; Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): 1. Departure from AAF Bases. No change. Reference: AAF Regulations 15-23 and 60-22. 2. Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from, the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS airways radio station. In addition to the Flight Service clearance, pilots contemplating flight under Instrument Flight Rule conditions will secure a C.. Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA Communication facilities. If Civil Aeronautics Administration Communication facilities, however, are not available, the C. A. A. clearance may be obtained through Flight Service. 3. Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. 4. Change of Instrument Flight Rule (IFR) Flight plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point of first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. 5. CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. 6. IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required, and will then make position reports to AACS airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. 7. Voice Calls. AACS airways radio stations will be called by the location name followed by the word "airways", such as "Boiling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". 8. All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index to AACS airways stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of TO 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service
A	116.10 mc.	CAA-AIRWAYS (RANGE STNS) *AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS
C	137.88 mc.	AACS AIRWAYS (PLAN 62) *Control towers.
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL.

*Available for service indicated on a secondary basis.

9. It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.

10. The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA Area	Flight Service Area	Phone No.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla.	H-4671
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Detroit Cincinnati St. Louis Chicago	Wright Flight Service Center Dayton, Ohio	Osborn 88691, Osborn 88692
Fort Worth San Antonio	Ft.Worth Flight Service Center Fort Worth, Tex.	Fort Worth 77251
Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo.	LD 116 LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 5800 Text 2165 or 2167
Great Falls Seattle	McChord Flight Service Center Tacoma, Wash.	Lakewood 3324

STANDARD NAVY GROUND CONTROL APPROACH FREQUENCY ASSIGNMENTS: Allocations of frequencies, both HF and VHF, for Navy GCA use have been coordinated with the AAF. Universal frequencies allocated primarily for Navy GCA operational use are as follows: HF Communications - 3475,4890,6640 kcs.; VHF Communications - 134.64,142.92,143.64 mcs. As a safety precaution, Navy GCA Units will also be prepared to control aircraft on 140.58 mcs., the Navy emergency frequency. To provide a means whereby Navy aircraft may receive assistance from Army GCA Units and vice-versa, the following agreement will govern: (a) Army GCA Units will at all times be prepared to control Navy Aircraft on 140.58 mcs. (b) Navy GCA Units will be prepared to control AAF aircraft on 140.58 mcs. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instructions. The pilot will then be instructed as to the proper frequency for contacting the GCA Unit. Navy GCA Operational Units are located as follows: Whidbey Island NAS, Wash., Charlestown NAAS, R.I.; Oakland NAS, CALIF.; Miramar MCAS, Calif.; Seattle NAS, Wash.; Olathe NAS, Kans.; Oceana NAAS, Va.; Patuxent River NAS, Md.

LORAN DATA: Loran is a long range electronic navigational aid utilizing pulse techniques. It provides accurate fixes for the user within 1 per cent of his distance from the stations. Loran service is provided continuously twenty-four hours a day. Loran operates on fixed frequencies of 1750, 1850 and 1950 kilocycles. To use Loran it is required that a Loran receiver-indicator be employed and that suitable charts and tables be available to the navigator. The following is a list of Coast Guard and Canadian Loran rates presently in operation: Atlantic: 1L-0,1L-1,1L-2,1L-3,1L-4,1L-7;1H-1 1H-2, 1L-1; West Coast U.S.: 2H-4, 2H-5, 2H-2; Aleutian Area: 1L-0, 1L-2; Central and Western Pacific: 2L-0,2L-1,2L-2,2L-3,4H-2,4H-3.4H-4,4H-5,1L-6,1L-7. Information regarding Loran coverage,rates,frequency, etc., throughout the world is contained in the Catalog of Loran Charts and Service Areas, Hydrographic Office Publication No. 1-L. This publication may be obtained from Hydrographic Office agents located in various cities in the United States or from the Hydrographic Office, Washington, D.C., at a cost of 30 cents. Complete Loran tables are contained in Hydrographic Office Publication Series No. 221, which can be obtained from the same sources at a cost of $3.00 per volume. Loran charts may be similarly obtained. Hydrographic Office Circular No. 3 and the Hydrographic Bulletin (issued weekly) give a list of these agents mentioned above and may be obtained without charge from the Hydrographic Office or any Branch Hydrographic Office. Information on changes or interruptions in Loran service of a temporary nature is sent to CAA for dissemination. Inquiries of an operational nature regarding Loran may be addressed to the Commandant (OAN), U.S. Coast Guard, 1300 E Street,N.W. Washington, D. C.

FOREIGN ENTRY PROCEDURES: Every U.S. citizen traveling abroad, except to Canada, Mexico, Alaska, Hawaii, Puerto Rico, and the Virgin Islands, requires a passport. The following procedures are necessary in order to gain entry, with intention to land, in Canada and Mexico:

CANADA: 1. All departures from the U.S. must be made from Airports of Entry (see next item). 2. If landing is to be made at a designated Canadian Airport of Entry, notice should be telephoned or telegraphed to the collector of customs at the predetermined point of entry when clearing U.S. Customs. 3. If entry is planned at a field other than a customs airport, arrangements should be made with the Secretary, Customs Division, Department of National Revenue, Ottawa, at least 10 days in advance. 4. Pilots and aircraft must be properly certificated and general observance of Canadian air regulations is required. 5. The following is a list of all Canadian Customs Airports of Entry: Whitehorse, Y.T.; Vancouver, B.C.; Calgary, Alta.; Lethbridge, Alta.; Moose Jaw, Sask.; Winnipeg, Man.; Ottawa, Ont. (Island or Malton); Hamilton, Ont.; Windsor, Ont.; Montreal, P.Q. (Dorval); Fredericton, N.B.; St. John, N.B.; Regina, Sask.

MEXICO: Applications for permits may be filed with the nearest Mexican consul who charges a fee of $4.00, or directly with the Department of Civil Aeronautics, Mexico City, Mexico, without charge. The permit will be sent directly to the Airport of Entry named in the application, unless the applicant specifically requests that it be sent to his home address. If entry is to be made from Brownsville, Tex., permission may be received from Representative of Mexican Ministry of Communication and Public Works, Department of Civil Aeronautics, Rio Grande Valley International Airport, Brownsville, Texas. All departures from the U.S. must be made from Airports of Entry. (see next item).

AIRPORTS OF ENTRY: Customs clearance into or out of the U.S. must be secured at Airports of Entry. Since there is insufficient traffic at most of these fields to justify resident customs personnel, advance notice must be sent to the Deputy Collector of Customs of the city in which the Airport of Entry to be used is located. The notice should state the day and approximate hour of exit or entry. Following are the Airports of Entry: International Arpt, Douglas, Ariz.; Nogales International Arpt, Ariz.; Calexico, Arpt, Calif.; Lindbergh Field, San Diego, Calif.; Meacham Fld, Key West, Fla.; Dinner Key Seaplane Base, Miami, Fla.; Miami International Arpt, Fla.; Midet Seaplane Base, West Palm Beach, Fla.; Caribou Arpt, Me.; Presque Isle Arpt, Me.; Detroit City Arpt., Mich.; Romulus AAF, Mich.; Sault Ste Marie Arpt, Mich.; Williamson-Johnson Fld, Duluth, Minn.; Duluth Boat Club Seaplane Base, Minn.; Cut Bank Airport, Mont.;

Great Falls Arpt, Mont.; Havre City-County Arpt, Mont.; Albany Arpt, N.Y.; Buffalo Arpt, N.Y.; Malone-Dufort Arpt, N.Y.; Massena Arpt, N.Y.; Ogdensburg Arpt, N.Y.; Ogdensburg Seaplane Base, N.Y.; Rochester Arpt, N.Y.; Rouses Point Seaplane Base, N.Y.; Watertown Arpt, N.Y.; Grand Forks Arpt, N.D.; Pembina Arpt, N.D.; Portal Arpt, N.D.; Cleveland Arpt, Ohio; Hinde Arpt, Sandusky, Ohio; Put-In-Bay Arpt,Ohio; Eagle Pass Arpt, Tex.; El Paso Arpt, Tex.; International Arpt, Brownsville, Tex.; Warren R. Austin Arpt, Swanton, Vt.; Bellingham Arpt, Wash.; Burlington Arpt, Vt.; City-County Arpt, Port Townsend, Wash.; Felts Fld, Spokane, Wash.; King County Arpt-Boeing Field, Seattle, Wash.; Lake Union Seaplane Base, Seattle, Wash.

CUSTOMS REPORTS: In making flights TO or FROM a foreign country, civil fliers are required to report to a customs officer. If they do not report, they are subject to a civil penalty of $500.00 for each violation, and any aircraft used in connection with any such violation is subject to seizure and forfeiture, as provided for in the customs laws. On flights from foreign territory, the first landing in the United States is required to be made at an Airport of Entry, unless permission to land elsewhere than at an airport of entry is granted by the Commissioner of Customs, Washington 25, D.C. Consult the nearest customs officer before making foreign flights.

U .S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: Although the CAA does not require special permission for the flight of U.S. aircraft abroad, or for the delivery of aircraft exported to foreign countries all aircraft must be registered and certificated as to airworthiness, and pilots must hold appropriate U.S. pilot certificates. The single exception to the above is: Special permission must be obtained from the Director, Aircraft and Components Service, CAA, Washington, D.C., for any flight into or through the Panama Canal Zone. In general, permission must be secured from foreign countries for the conduct of scheduled or non-scheduled operations from the U.S. Specific information may be secured from the Aviation Division, State Department. All air carriers must secure operating certificates from the CAA and their operations must be in conformance with these certificates. Although there are no Federal taxes on the exportation of aircraft from the U.S., it is mandatory that a license for such export be obtained from the State Department.

CANADIAN REGULATIONS FOR CFR FLIGHTS: (a) It is compulsory for pilots desiring to conduct a CFR flight to file a flight plan unless the flight will be made within a radius of 25 miles of the point of departure. (b) Arrival messages must be filed by pilot on all such CFR flights.

CANADIAN INSTRUMENT FLIGHT RULE FLIGHT: Pilots are cautioned to conform to the requirements of CAR 60.2 where flight is proposed to be conducted under Instrument Flight Rules from the United States into air traffic control areas designated in Canada. Failure to adhere to these regulations may result in detention of pilots concerned by Canadian Authorities.

PANAMA CANAL ZONE, FLIGHT INTO: Prior to take-off from any aerial port of embarkation of any aircraft flight into, or through, the 200 mile area blanketing the Canal Zone, Commanders of Military Aircraft will notify the CG 6th Fighter Wing, Attention: Fighter Controller, by an information copy of their flight plans. With a view to safety and protection of their equipment and personnel, operators of all other aircraft should follow the same procedure. Responsibility for this notification of flight plans lies with the operator, but notification will normally be transmitted by the clearance authority at the point of departure.

SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan, Puerto Rico, is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D.C. The Commanding Officer NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grand Airport.

CARIBBEAN AREA-RADIOBEACONS FOR USE WITH ADF: The following Coast Guard Radiobeacons now operate continuously in their assigned sequence, i.e., one minute on, two minutes off, 24 hours daily:

II San Juan 296 . - . . Lat 18-24-14 N, Long. 66-07-03 W
I Goat Island (Jamaica) 304 . . - . Lat 17-53-00, Long. 77-04-14 W
I Trinidad 308 - - - . Lat 10-41-23 N, Long. 61-44-44 W

It is requested that all ships and aircraft using these beacons submit comments to the Commander, 10th Coast Guard District, Arsenal, Marina, San Juan, P.R., as to usefulness with ADF equipment, bearing accuracy obtainable, maximum usable range, ease of identification, etc.

✓ DISCONTINUANCE OF CERTAIN OR ALL OPERATIONS AT CAA COMMUNICATIONS STATIONS: (A) The following communications stns will discont. or have discont. operations (all voice or code communications, weather reporting service, radio receiving watches), except radio range or homing facilities (all H and MH facilities will operate continuously without voice), on the following dates:

McCool, Ind., 12-28-46; Houlton, Me., 1-12-47; Lebanon, N.H., 1-12-47; Dansville, N. Y., 1-12-47; Dunkirk, N. Y., 1-12-47; Glens Falls, N. Y., 1-12-47; Ashley, N.D., 12-28-46; Arenbold, Ohio, 12-28-46; Brookville, Pa., 1-12-47; Sunbury,Pa., 1-12-47; Wilkes Barre, Pa., 1-12-47; Providence, R.I., 1-12-47; Alice, Tex.,12-18-46; Clarendon, Tex., 12-18-46; Palacios, Tex., 12-18-46; Yoakum, Tex., 12-18-46; Danville, Va., 1-12-47; Montpelier, Vt., 1-12-47

(B) The following CAA Communications Stns will be shut down or have shut down and all facilities discontinued on the following dates:

Evergreen, Ala., 12-15-46; Strevell, Idaho, 12-15-46; Milroy, Ind., 12-28-46; Lamoni, Iowa (T), 1-1-47; Montezuma, Iowa, 1-1-47; Cassoday, Kans., 1-1-47; Coffeyville, Kans., 1-1-47; Warsaw, Ky. 12-28-46; Cadillac, Mich., 12-28-46; St.Ignace, Mich., 12-28-46; Lake City, Minn., 12-28-46; Big Spring, Nebr., 1-1-47; Overton, Nebr., 1 -1-47; Anton Chico, N. Mex., 12-18-46; Socorro, N.M., 12-28-46; Golva, N.D.,12-28-46; Cherry Fork, Ohio, 12-28-46; Port Clinton, Ohio, 12-28-46; Anderson, S.C., 12-15-46; Lane, S.C., 12-15-46; Philip, S.D., 1-1-47; Spearfish, S.D., 1-1-47; Navasota, Tex.,12-18-46; Sulphur Springs, Tex., 12-18-46; Stevenson, Wash., 12-9-46.

N.B. Weather teletype reports will continue to be available at the following stations from Weather Bureau personnel: Stevenson, Wash.; Anniston, Ala.

GUARDING OF 3117.5 KCS BY CAA AIRWAY COMMUNICATIONS STATIONS: All airway communications stations located at points also served by CAA airport traffic control towers discontinued continuous listening watches on 3117.5 kcs. Hereafter, communications stations at these locations will establish watches on 3117.5 kcs. upon "request" and during such hours as the associated tower is closed.

NEW PRIVATE FLIER FREQUENCIES: About Jan. 1, 1947, or shortly thereafter all CAA Communications Stations will begin to guard 122.1 mcs and CAA operated towers 122.5 mcs. These are the new frequencies assigned for private fliers' use for air/ground communications. Jan. 1, 1947, the guard on 131.9 and 131.7 mcs will be discontinued.

PRE-FLIGHT SERVICE: Pilots desiring to file flight plans are requested to do so with any CAA Airway Communications Station by personally visiting the station or by telephone. Radio should be used for filing flight plans only as a last resort. Pilots are urged to visit communications station to obtain authentic flight information and assistance in planning their flights. Personnel at these stations are trained to render flight planning assistance. An objective of CAA pre-flight service is to encourage pilots to familiarize themselves with flight conditions prior to commencing cross country flight.

NEW YORK OCEANIC AIR TRAFFIC CONTROL PROCEDURES: For the information of those agencies intending trans-oceanic operations in the New York Oceanic Control Area and which are not in possession of PICAO manuals for procedures the following is promulgated: The New York Oceanic Airway Traffic Control Area has been activated in accordance with PICAO directives and New York Oceanic Traffic Control Operations Letter No. 1.

This area is bounded on the N by the 43rd parallel, on the E by the 45th meridian, on the S by the 30th parallel, on the W by a line paralleling the E Coast of the U.S. 100 nautical miles off-shore.

All aircraft operating therein must do so under an approved instrument flight plan, the composition of which follows: aircraft registration, aircraft radio call, type of aircraft, person in command, point of departure, cruising altitude, route of flight, point of first intended landing, proposed true airspeed, transmitting and receiving frequencies, proposed or actual departure time, estimated elapsed time to arrival point, alternate airdrome, amount of fuel in pounds, any other pertinent data deemed necessary for control purposes. Flight plans shall be addressed to New York Ocean Control (preferably through WSY, New York) prior to entering this area.

Position reports transmitted by radiotelegraphy will be composed in the following abbreviated form: the position will be determined as soon as practicable after the first hour of flight and each hour thereafter, and the reports transmitted to the ground station at the earliest opportunity. Standard position reports shall be in the following form: U G G G G Q L L L L Long Long Long Long PD Fox Charlie Tare 1 Tare 2 Tare 3 and Sugar 1 Sugar 2 Sugar 3 How 1 How 2 How 3 Fox 1 Fox 2 Fox 3 Fox 4 Fox 5.

Position report code Uncle, indication by one figure of the system of units utilized according to the following: zero for metric system five for English system. George indication of time given in hour figures based on GMT. Queen indication by one figure of octane in which aircraft is situated according to the following: N lat zero equals 0° to 90°; W one equals 90° W to 180°; two equals 180° to 90° E; three equals 90° E to 0°; S lat. five equals 0° to 90° W; six equals 90° W to 180°; seven equals 180° to 90° E; eight equals 90° E to 0°. Love indication of lat. in four figures (degrees and minutes); long. indication of longitude in four figures (degrees and minutes) dropping hundredths degrees. Peter Dog indication by one figure of means used to determine the position according to the following: one equals dead reckoning; two equals single position line; three single radio bearing position line; four equals radio fix; five equals celestial fix; six equals visual or ground fix; seven equals Loran or console fix; eight equals radar fix George Easy. Easy; nine equals celestial and radio fix. Fox Charlie indication by one figure, flight conditions according to the following: zero equals visual flight rule at all levels; one equals visual flight low clouds; two equals on top; three equals between layers; four equals medium icing; five equals heavy icing; six equals in and out of clouds twenty five percent IFR; seven equals ditto fifty per cent IFR; eight equals in and out of clouds seventy-five per cent IFR; nine equals continuous IFR. Tare one, tare two, tare three indication of true track in degrees given in three figures. Tare one equals hundredths; tare two equals tenths; tare three equals single unit. Sugar one, sugar two, sugar three indication of ground speed in three figures, sugar one in hundredths; sugar two equals tenths; sugar three equals single unit. How one, How two, How three indication of altitude in three figures. How one equals ten thousands of feet or thousands of meters; How two equals thousands of feet or hundreds of meters; How three equals hundreds of feet or tenths of meters. Fox one, Fox two, Fox three, Fox four, Fox five weight of fuel used given in five figures. Fox one equals ten thousands; Fox two thousands; Fox three hundredths; Fox four equals tenths. Fox five equals single units. Units to be used ground speed; metric system kilometers per hour, English system knots; altitude: metric system tenths of meters, English system hundreds of feet; weight of fuel; English system pounds.

Example message: "Zero one four one five zero three zero four five five three three zero seven two two nine zero three two five one two five zero two four five zero" meaning "at one four one five GMT, position lat. thirty degrees forty five minutes N, long. 53° 30' W Loran or Console determined position - on top - true track 290° - groundspeed 325 M.P.H. - altitude 12,500' - weight of fuel used 2450 lbs."

Position reports should be addressed to New York Ocean Control. Position reports transmitted by radio telegraphy should be directed to WSY if possible. If military aircraft are not equipped to transmit on PICAO frequencies to give their position, reports will be directed to a military air/ground station suitably equipped to relay messages to New York Ocean Control. Publications outlining PICAO procedures for air navigation services are available in Publications and Document Section, Dominion Square Building, Montreal, Canada. New York Oceanic Traffic Control Operations Letter No.1, available New York Airway Traffic Control Center, La Guardia Field.

All flights operating in the New York Oceanic Control Area will be cleared at the following altitudes: Magnetic headings of from 0° to and including 179°, odd thousand foot levels. Magnetic headings of from 180° to and including 359°, even thousand foot levels.

NEW YORK OVERSEAS FOREIGN AERONAUTICAL STATION: Effective Dec. 4, 1946, the broadcast of navigation reports by WSY changed times of transmission and added the frequencies as follows: at 0200, 0400, 0600, 0800, 1000 and 1200 GMT broadcast is made simultaneously on 3380, 8720 and 12395 kcs. At 1400, 1600, 1800, 2000, 2200, and 2400 GMT, broadcast will be made simultaneously on 3380, 5960, 8720, 12395 and 16250 kcs. Form and contents of broadcast remain unchanged. Concurrently, the hourly metar and notam broadcast are transmitted at 55 minutes past each hour between the hours of 0055 through 1155 GMT on 3380, 8720, and 12395 kcs. and between the hours of 1255 and 2355 GMT on 3380, 5960, 8720, 12395, and 16250 kcs. Contents of the metar and notam broadcast remain unchanged. The broadcast at 25 minutes past each hour was discontinued. Comments concerning the effectiveness of the above services will be appreciated.

AIRPORT APPROACH ZONES AND AIRPORT TRAFFIC ZONES CFR MINIMA: Part 60 specifies that CFR traffic within Airport Traffic Zones or Airport Approach Zones must maintain 500' vertical and 2000' horizontal separation from the clouds unless given traffic clearance by the control tower or control center concerned. Even under such clearance CFR flights must remain clear of clouds. These airport traffic zones and airport approach zones are indicated on the Flight Planning Charts of the Airman's Guide, and all recently revised Coast and Geodetic Survey Aeronautical Charts. In the interest of safety CFR flights must maintain the 500' and 2000' minima specified above while in these circular charted zones. (See page VIII of this publication for air traffic control procedures and weather minima).

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers:

1. Discontinue all unnecessary low flying.
2. When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas.
3. Re-route channels of approach and departure to avoid residential and business districts whenever possible.
4. If the airport is located near inhabited areas, reduce power and increase pitch

of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum.

5. Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

PERSONAL POSSESSION OF PILOT CERTIFICATES: Effective Feb. 15, 1947, Part 43.400 of the Civil Air Regulations will be amended to read as follows: 43.400 Pilot Certificates. No person shall pilot a civil aircraft within the United States unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

LOW FLIGHT OVER FUR RANCHES: Numerous complaints have been received regarding low flying over fur ranches. This low flying, especially during mating season, has resulted in very definite dollar and cents losses to fur breeders. They request that pilots avoid flying over their ranches, particularly at low altitudes, stating that the ranches can be identified by the large number of small animal inclosures or pens.

LONG DISTANCE DOMESTIC SCHEDULED AIR CARRIER OPERATIONS: Special Civil Air Regulation 361-A has been amended by extending it until June 15, 1947. The Regulation follows: Flights of scheduled air carriers while at altitudes in excess of 12,500' above sea level E of long. 100° W and 14,500' above sea level W of long. 100° W shall comply with the applicable provisions of the Civil Air Regulations except as follows:

(a) Such flights need not comply with the requirements of Part 60.22 Right-side traffic, Part 61.731 Deviation from Airway, or any other sections of Parts 40 and 61 concerning civil airways.

(b) Such flights need not comply with the requirements of Part 60.252 Traffic clearance, Part 60.253 Communication contacts, and Part 61.602(c) Weather Reports, except to the extent which the Administrator may prescribe.

(c) Each first pilot engaged in these operations shall be qualified for the route if he is qualified for operations over any regular authorized route for the air carrier involved between the regular terminals for such operation.

(d) Each dispatcher who dispatches aircraft on flights authorized by this regulation shall be qualified under Part 61.533 of the Civil Air Regulations for operation over an authorized route for the air carrier involved between the regular terminals of such operations: Provided, that when he is qualified only on a portion of such route he may dispatch aircraft only after coordinating the dispatch with dispatchers who are qualified for the other portions of the route between the points to be served.

✓ IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

✓ EDMONTON AIR TRAFFIC CONTROL AREA: Effective Nov. 15, 1946, the Edmonton Air Traffic Control Area was amended as follows: Under paragraph 1(b), substitute the following: Those portions of Amber No. 2 from the U.S.-Canadian Border to 25 mi. NW of Whitecourt, Alta., range.

✓ NORTH ATLANTIC OCEAN STATION VESSELS: Coast Guard advises VHF guard on board North Atlantic Ocean station vessels will be changed from 116.1 to 140.58 mcs. effective 0001Z January 15, 1947.

✓ EXCHANGE OF CERTIFICATES: Effective Dec. 24, 1946, Part 20.55 of the Civil Air Regulations was amended to the following: "A private or commercial pilot certificate which was effective on or after Jan. 1, 1942, and which was issued prior to July 1, 1945, will expire on July 1, 1947. Such certificate may be exchanged at any time prior to July 1, 1947, for a pilot certificate and the appropriate ratings provided for in this Part".

✓ DIFFERENTIATION OF NUMBERS ON PARTS 04: Since the Board on Nov. 9, 1945, adopted an entirely new Part 04 of the Civil Air Regulations, and inasmuch as the previous Part 04 will remain effective indefinitely for certain aircraft, some confusion is possible in differentiating the two parts when these parts are referred to merely by their number. THEREFORE, effective Nov. 22, 1946, Part 04 of the Civil Air Regulations as promulgated on November 9, 1945, was amended by changing the number of the Part from 04 to 04b and by altering accordingly all sections contained therein.

✓ AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct Decker's Airport Guide, Page 64 of Zone 5, by deleting all reference to servicing and civilian availability. The field is closed to all fliers.

(b) Correct TO-08-15-1, Chart 63, by showing the South Plains AAF, Texas Tower guarding 3105,3117.5,4495,6210 kcs., and having aircraft fuel available: A, B, C, and J; Chart 99, by deleting operation of radar beacon at Clovis AAF, New Mex.; Chart 62, by changing elevation of Pyote AAF, Texas to 2612'; Chart 58, by showing Selma, Ala., Craig Field, Direction Finder Station inoperative; Pages 17 and 95, by showing air/ground inoperative on all freqs at Rapid City AAF, S. Dak.

(c) Correct aeronautical charts to show 269 kcs. as the transmitting frequency of the Bridgeport, Conn. control tower; Birmingham Sectional Aeronautical Chart, dated Oct. 2, 1946, by deleting the Fairburn, Ga. (auxiliary symbol) Airport at lat. 33°33', long. 84°38'.

(d) Correct TO-08-15-1, Page 95, by showing air to ground frequency of 4495 kcs CW in operation at Medford AAF, Oreg. in addition to other published freqs.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station		Effective Date
Fort Wayne, Ind. (Baer Field)	SW	Closed	
Anton Chico, N. Mex.	Hourly	Closed	12-17-46
Yoakum, Tex.	Hourly	Closed	12-17-46
Clarendon, Tex.	Hourly	Closed	12-17-46
Sulphur Springs, Texas	Hourly and 6-Hourly	Closed	12-17-46
Navasota, Texas	Hourly and 6-Hourly	Closed	12-17-46
Palacios, Tex.	Hourly and 6-Hourly	Closed	12-17-46

Weather Reporting Service	Type of Station		Lat: Long.	Elev.	Effective Date
Blanding, Utah	SW	Begun	N37° 38' W109°29'	6039'	
Price, Utah	SW	Inaugurated	N39° 36' W110°45'	5800'	
Victoria, Texas (Aloe Fld)	Hourly	Inaugurated	N28° 46' W97° 05'	107'	
Childress, Texas (Childress AAF)	Hourly	Inaugurated	N34° 26' W100°17'	1940'	
Port Townsend, Wash.	3 and 6-Hourly	To be inaugurated soon	N48° 06' W122°46'	111'	
Ainsworth, Nebr. (AAF)	Hourly	Reestab.	N42° 34' W99° 59'	2580'	

Note: Supplementary weather, in lieu of hourly reports, now available from Spearfish, S. Dak.

Airway terminal forecasts soon to be available for Ypsilanti, Mich., (Willow Run Airport).

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

N.B. AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons coupled with flashing red code lights, indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are C.A.A. facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

[redacted]

BIRMINGHAM ARPT-Closed to civil. acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant Sch fld has long taxi and parking strips resembling rnwys. No svcg mil acft 2200 to 0600. No maintenance. (10-9)

BROOKLEY FLD (MOBILE)-RADIO: Army DF stn inop. (12-9) FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.

CENTRE ARPT-Avail. lgt acft only in wet weather. (12-16)

CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail., mrkd. (11-2)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft)(8-12)

**DECATUR ARPT-ABANDONED. (4 mi. WNW)(12-3)

GUNTER FIELD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. (11-20)

HARTSELLE ARPT-Graded area rough-use E side of strip. (12-3)

HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat 34-34-30, long 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to said river; SW along river to point of beginning.

MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

MUSCLE SHOALS ARPT-Fuel avail. civil. acft only. (8-1)

NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg. only. (8-6)

TUSCALOOSA ARPT, SITE 59, FV-AG-Extreme NW end fld soft in wet weather. (12-2)

TUSKEGEE AAF-Closed-emerg. use only.

TUSKEGEE INSTITUTE FLD NO. 1 (TUSKEGEE)-Soft spots after heavy rains. (11-2)

[redacted]

ASHFORK INT, SITE 36A, LA-AQ-Rough. (9-19)

COCHISE INT, SITE T-3, PH-EO-Rough. Tall grass in spots on fld. Ctn when landing and taxiing. (9-20)

COOLIDGE ARPT-Closed-emerg use only.

DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys. Rnwy 17-35 closed. (11-27)

DEEP LAKE INT, SITE 54A, LA-AQ-Soft. E end E/W, N end N/S stripe rough. Equip. on fld days. (11-11)

ECHEVERRIA FLD (WICKENBURG)-Use rnwys only (parked acft)

ERNEST A. LOVE ARPT (PRESCOTT)-Use wind tee SW of apron. (9-20)

FALCON FLD (MESA)-Closed to trans acft-no facs(9-19)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side of fld. Bcn inop. (1-5)

FREDONIA ARPT-High weeds, cattle on strips. (9-3)

GILA BEND AAF-Tetrahedron inop. (8-26)

HOLBROOK MUN. ARPT (HOLBROOK)-CLOSED (rough). (6-13)

INTERNATIONAL ARPT (DOUGLAS)-Temp closed (const)(6-17)

KINGMAN ARPT-No inst flights cleared to Kingman. No obst lgts atop Hualpai Mtn (8500' MSL) 11 mi S. Rnwy lgts Rnwy 17-35 inop. (7-12)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)

**LUKE FLD (PHOENIX)-RADIO: Army twr discont. (1-3) Army air to ground stn in oper on VHF only. (11-25) FLD: Traffic direction indicator on second hangar from N. 11 flash. bcns on White Tank Mtns W of fld discont. (11-18)

ARIZONA

MARANA AAF-CLOSED (9-9)
NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld soft and rough due to heavy rains and erosion. (10-11)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.
RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather, parked acft. Washes N edge. (8-8)
SKY HARBOR ARPT (PHOENIX)-Const in area E of N/S and S of E/W rnwys. (10-23)
TH U NDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned only. (11-13)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW ARPT-RADIO: CAA twr will be discont about Feb. 1. (1-6)
FLD: E end E/W taxi strip beyond first tie-in closed. (10-31)

ARKANSAS

ADAMS FLD (LTTLE ROCK)-Use rnwys only-shoulders soft. Equip. on fld. Closed to trans mil acft 1800 to 0800. (11-6)
EL DORADO-RADIO: VHF range will be comm soon at lat 33-17-00, long. 92-46-00. Freq. 109.1 mcs, ident. "LD" (. - . . - . .) Visual courses: 45°,225°; aural courses: 135°,315°, courses mag, towards sta. Mag var: 7° E. Stn class: VARW. (12-9)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (9-17)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. (12-28)
GRIDER FLD (PINE BLUFF)-Use strips only (parked acft). Closed ngts. (6-7)
HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)
JONESBORO ARPT-Use rnwys only. (8-16)
LITTLE ROCK-RADIO: Effective Dec. 29, stn guards 3117.5 kcs. 2300 to 0700.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)
McGEHEE ARPT-Cattle on fld intmtly. (9-6)
McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs and receives on 4495 kcs only. (9-11) FLD: Use ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon thru Fri. (12-12)
PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat. 34-14-48, long. 91-55-36. Freq. 108.7 mcs. Ident. "PL". Visual courses: 13°, 193°, aural courses: 103°, 283°. Stn class: VARW Mag. var. 7°E.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only (parked acft).
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (11-21)

CALIFORNIA

ALAMELA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip. adj to and on rnwys. Fld on positive control. (8-16)
AMERICAN LEGION ARPT (SALINAS)-CLOSED. (12-5)
ARCATA ARPT-Closed to acft without 2-way radio unless prior approval received from Stn Director. Incoming acft must file flight plan. Use surfaced areas only. (10-2)
AUBURN PEAK BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
★BAKERSFIELD-KERN CO. ARPT-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 126.18,118.5 122.5 mcs. These data rcvd too late for "ANRA". FLD: Unlgtd 92' pwr line 1/2 mi N of bndry. (11-1)
★BELMONT-RADIO: Dec. 23, compass lctr decomm. See San Francisco Gap.
BELMONT ARPT-Avail. at pilots risk (equip). NW end Rnwy 28 closed. (4-23)
★BIDWELL FLD (RED BLUFF)-RADIO: CAA twr now guards 3105,4495,6210, 3117.5 kcs. 126.18,122.5 mcs. These data rcvd too late for inclusion in "ANRA" CAA twr will be discont about Feb. 1. (1-6)
BRAWLEY ARPT-Holes in extreme NW corner fld. (3-20)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-RADIO: Intermittent interference from Navy transmissions on adjacent channel of 245 kcs. (5-23)
BURBANK-LOCKHEED AIR TERMINAL-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN. Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. Lgts on approach to Rnwy 7 partially obstructed by trees. 2-way radio rqrd all acft. (8-2)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited.(11-6)
CASTLE FLD (MERCED)-RADIO: Army air ground stn temp inop. (11-25)
CATES, BEACON SITE 235 MI. BLINKER, SF-SA-Beacon inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (10-26)
CONCORD ARPT-CLOSED EXCEPT IN EMERG. (10-30)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd. (2-24)
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (6-11)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (12-7)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (9-19)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range unreliable, use for homing only. (9-30). Middle mrkr inop. Stn lctn mrkr is used as outer marker. (12-11) FLD: First 1000' Rnwy 25, new Rnwy 21 closed. (12-17)
GARY FLD (BLYTHE)-Use rnwys only (parked acft)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. (6-1)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (SAN JACINTO)-Traffic pattern 2200' indicated or 600' above ground. Left pattern when taking off to NE-right pattern to SW. (10-28)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg. use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HUMBOLDT CO. ARPT (EUREKA)-Closed to trans acft-const. Obst lgt atop N 350' radio twr approx 11 mi SSW inop. Twrs being dismantled. (10-29)
INDIO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-22)
INYOKERN NAF-Use in emerg only (caretaker status-no facs)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. Closed to acft without 2-way radio unless prior approval rcvd from Arpt Mgr. (12-6)
LIVERMORE NAS-Avail. emerg use only. (10-1)

LIVERMORE OLF-Obsts in SW corner fld. (2-4)
LOCKHEED AIR TERMINAL-See Burbank
LONG BEACH ARPT-Obst lgts atop 185' twr Rdo Stn KVOE 15 mi ESE (107°) true inop. No 91 oct. mil acft. Ltd svcg. No maintenance. Const entire N bndry fld, mrkd Ctn landing Rnwys 16R, 16L. (12-9)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300 daily. (7-26)
LOS ANGELES ARPT-MINES FLD (LOS ANGELES)-RADIO: Lclzr and glide path of CAA ILS temp inop. (12-28) Soon, approach control service will be inaugurated. Acft will ordinarly be cleared by the Los Angeles ATC Center to the Downey FM, 11 mi E of the Los Angeles Range Stn, to hold between Downey and a point 2 minutes E, until further advised by Los Angeles Approach Control on 260 kcs. (12-17) FLD: Unlgtd oil derricks on approach to Rnwy 34. Rot. bcn unlgtd days. E/W paved strips S side fld avail. taxiing only. N side fld under const. Equip. on fld., N edge Rnwy 7L-25R, N side fld adj Rnwy 4-22 and W side N/S rnwy. All landings, take-offs and taxiing rstd to paved areas. Rnwys 11-29, 4-22 closed Rnwy, taxiing lgtd Rnwy 4-22 inop. Obst lgts atop 40' pole 350' S of twr inop. (12-28)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (8-15)
MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (10-22) FLD: Use rnwys only-mat unserviceable. N/S rnwy closed. (12-4)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe.(12-26)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg. or on approval of the CO. (11-8)
**MIRAMAR MCAS (SAN DIEGO)-Inst approach lgtng system with high intensity lgts installed. (12-24). See page 81.
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MONTEREY PENINSULA ARPT (MONTEREY)-Right traffic pattern in use. (11-22)
MUROC AAF-RADIO: Army range facs unreliable and to be used for homing and training purposes only. FLD: Lctd within a danger area. 50' equip. near W end Rnwy 6-24. No 91 oct. No facs. 1900 to 0700 or Suns. (10-22)
NAPA SKY RANCH ARPT (NAPA)-Under const. (7-10)
OAKLAND-RADIO: 116.1 mc transmitter and receiver temp inop. (9-13)
OAKLAND ARPT-RADIO: Lclzr fac shut down for modification. A portable lclzr placed in oper temp on 109.5 mcs. Glide path component operating temp on 332.6 mcs. Use for practice only. Abnormal indications N and S of lclzr site. (12-13) FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const. mrkd. No gas or maintenance facs avail. 1800 to 0300 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. (12-3)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only. Strip muddy when wet. (11-5)
ORLEANS FOREST FLD (ORLEANS)-Fence across N end of fld. (8-14)
PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained. (9-21)
RAMONA ARPT-Hump in center of strip. Acft at one end of strip cannot see acft at other end. (7-24)

RED BLUFF-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-18)
ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont soon.(11-22)
RYAN FLD (HEMET)-N side matter area rough. (5-2)
SACRAMENTO-RADIO: Range flight-checked. Courses correctly aligned. 116.1 mc transmitter and receiver temp inop.
SACRAMENTO ARPT-Acrobatics, low flying days from flight strip 1000' W of Sacramento Airport. NW/SE rnwy avail. days. Uso rnwys, taxi strips only - shoulders and fld soft. Unsafe small acft-rough. (12-10)
SAGE, BCN SITE 114 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. (11-12)
**SAN DIEGO NAS-Inst approach lgtng system with high intensity lgts installed (12-24). See page 81. Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)
SAN FRANCISCO ARPT-Two lines unmrkd white spar buoys 8' above water moored in NW/SE direction along edges of shipping channel adj to easterly side of Seaplane Area and extend SE therefrom. Anchored vessels in shipping channel between lines of buoys. Vessels unmrkd and will be lgtd only as required. Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (9-30)
★SAN FRANCISCO GAP-RADIO: Former Belmont compass lctr relctd at lat. 37-39-57, long. 122-28-50. See page 49.
SAN MATEO ARPT-Const. Avail. lgt acft only. (11-1)
SAN NICOLAS ISLAND NAAS-Use in emerg only (caretaker status - no facs)
SANTA BARBARA-RADIO: About Jan. 10, VHF range will be comm at lat 34-25-40, long. 119-52-26. Freq. 109.3 mcs. Ident. "OY" Visual courses: 96°, 276°; aural courses: 6°, 186°. (12-13)
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. (12-7)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way radio. Clsd ngts and to all student pilots. (8-10)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (10-9)
SUMMER HOME ARPT (MANTECA)-Irrigation culvert being installed across middle of strip. (7-22)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset. (9-4)
TRONA-RADIO: Receiving watches, voice fac and teletype service operating from 0800 to 2400.
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (11-7)
VAN NUYS METROPOLITAN ARPT-RADIO: Mun. twr inop. FLD: Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port. rnwy lgts avail. ngts in emerg or by prior arrangement. (11-4)
VERNALIS FLD-CLOSED (equip, obsts on rnwys, aprons)(8-15)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (11-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (9-16)

COLORADO

ALAMOSA ARPT-CLOSED (rnwys under const, fld lgts and bcn inop. (9-30)
ANTON-RADIO: Dec. 16 oper of VHF range suspended indefinitely.
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-29)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
★LOWRY FLD (DENVER)-RADIO: Army air to ground stn now in cont oper on 4765, 4630 kcs., 137.88, 116.1, 140.58 mcs voice; 4595, 8200 kcs CW. Freq. 2936 kcs voice temp inop. (12-23)
PINE VALLEY RPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between markers only. Heavy only. equip on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28, S by lat. 38-16-19; W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. (12-19)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip Grade stakes on strip. (9-11)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (telephone lines)(6-11)
RUSTON FLD (DENVER)-Const. Strips soft during wet weather. (9-20)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Mun. twr temp inop. (12-10) FLD: Right traffic Rnwys 26, 30, 36; left traffic Rnwys 8, 12, 18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON ARFLD-DENVER ARPT (DENVER)-RADIO: Jan. 6, oper of middle and outer mrkrs suspended for approx 2 wks for installation of low freq compass lctrs. (1-7) FLD: Ramp repairs 500' long being conducted on W side and parallel with N/S rnwy, mrkd. Equip. on fld days. (12-27)
TRINIDAD ARPT-Strips avail. lgt acft. (12-3)
WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (12-2)

CONNECTICUT

BRADLEY FLD (WINDSOR LOCKS)-Use in emergonly. (9-10)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const. 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (8-2)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N end fld and on taxiway between fld and shop. (10-31)
HAMMONASSET FLYING FLD (MADISON)-Rough-not maintained. E/W strip avail. in emerg. Hangars under const. (9-16)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30).
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg. use only. (9-10)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (11-18)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded until approx. Jan 17, 1947. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)

DELAWARE

BELLANCA FLD (NEW CASTLE)-Use rnwys only. Sod strips under const. (6-13)
HARRINGTON ARPT-Hangars under const. (3-14)
NEW CASTLE CO. ARPT (WILMINGTON)-Sod fld within bndrys of rnwys avail. lgt acft. (9-18)

DIST. OF COLUMBIA

SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat. 38-42-40, long. 77-05-30.
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather conditions below ctc flight minimums. No JP-1 fuel. Rnwy 2-20 avail. (12-27)
••WASHINGTON NATIONAL ARPT-355' antenna twr of FM Rdo Stn WQQW, erected 7 mi WNW (282°) true, at lat 38-52-27, long. 77-09-33, obst lgtd. (12-16)
ARMY: No Army acft will be cleared this fld without personal approval of CG AAF or Deputy Cmdr excepting those ATC acft on scheduled opers which rqr Washington National as Terminal; acft transporting VIP personnel such as Cabinet Members, Asst. Secretaries of War, and other personnel of like importance (for purpose this directive, mil personnel regardless of rank not considered VIP) and those acft based at Washington National. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr. Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without radio. Stay on paved areas-shoulders soft. Equip. on fld. (1-3)

FLORIDA

ALBERT WHITTED ARPT (ST. PETERSBURG)-Fld unlgtd-smudge pots avail. on 1 hrs notice. Avoid sodded areas, white sand area E of N/S rnwy extending to water (soft). (1-2)
••BANANA RIVER-Over-water danger area E has been redefined as follows: beginning at lat 29-00-00, long. 79-30-00, thence SW to lat 27-15-00, long. 80-00-00; W to long. 80-10-00; NNW to lat 28-30-00, long. 80-42-00; E long. 80-31-00; NNE to lat 29-00-00, long. 80-26-00; E to point of beginning.
BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. (5-2) FLD: Closed to civil acft days except on prior permission from CO and in emerg.-closed ngts except in emerg. S end Rnwy 2-20 under const. Various type acft practicing inst approach operating cont during IFR up to and including 2000' with weather minimums as low as 200' ceiling and 1/8 mi visibility. Air space includes area 20 mi radius from NAS. (10-31)
BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of 7 green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on 1 hrs notice.(12-13)
BOCA RATON AAF-Port. floods avail. on 15 minutes notice. No 91 oct. Stay on rnwys-shoulders soft. (10-16)
BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14).
DALE MABRY FLD (TALLAHASSEE)-26' bldg erected 900' NW of NW end NW/SE rnwy, lgtd. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. (12-4)
••DAVIS SEAPLANE BASE-BIG LAKE AIRVIEW (ORLANDO)-New base. Lat. 28-35-45, long. 81-23-30. (12-17). See page 143.

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to radio rcvr-equipped acft tuned to twr freq. (6-28)
★EGLIN FLD (VALPARISO)-RADIO: Army range courses realigned to: 100°, 175°, 280°, 355°. (12-11). This corrects "AIRGI" Vol. 1 No. 20. FLD: Army ILS sys temp inop. (1-6)
EGLIN FLD (VALPARISO)-Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)
ELLYSON NAAS-EAST & WEST FLDS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)
FORMAN OLF (FT; LAUDERDALE)-Use in emerg only (caretaker status-no facs).
FORT LAUDERDALE-Obst lgts atop N twr Radio Stn WGBS 8 mi W inop. (9-23)
FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)
HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (9-18)
HILLSBOROUGH ARPT (TAMPA)-CLOSED; Sinkhole center of E/W rnwy 100' E of intersection center of fld. (5-26)
HOEQUIST ARPT (ORLANDO)-S half E/W rnwy avail., mrkd. (3-20)
**JACKSONVILLE-Over-water gunnery range SE has been redefined as follows: beginning at lat 30-20-00, long 80-24-00; SW to lat 29-45-00, long 80-30; W to long 81-07-00; NW to lat 30-20-00, long. 81-15-00; E to point of beginning.
JACKSONVILLE ARPT NO; 1-Neon approach lgt sys will be comm soon. Lctd SW end NE/SW rnwy consisting of a green course lgt lctd approx 100' from SW end NE/SW rnwy and SW in 14 stns. Will operate cont ngts and days when IFR prevails and at any other time on special req to twr. (12-21)
JACKSONVILLE NAS-Closed to ngt seaplane opers. Trans acft desiring ngt landing facs notify Jacksonville NAS 12 hrs in advance. Equip. on fld days. (9-19)
KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT; (6-19)
LAKE WORTH MUN; SEAPLANE BASE-Hanger under const. Traffic pattern 500'. Prevailing wind E to SE. (10-26)
LEE OLF (GREEN COVE SPRINGS)-Closed except in emerg and off. flights. Avail. on 24 hrs advance notice to CO, NAS Jacksonville. (1-26)
LEESBURG AAF-CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE: COMMAND OR HIGHER AUTHORITY OR IN EMERG; No facs.
★MacDILL FLD (TAMPA)-RADIO: Army H fac decomm. (1-3)
MacDILL FLD (TAMPA)-Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 closed ngts. (12-26)
MARIANNA ARPT-Equip. on fld days. Mrkd hole Rnwy 8-26. Rnwy 4-22 closed. (10-10)
MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. (9-5)
MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32 and 36 to intersection closed. (9-27)
MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (11-6)
**MIAMI BCN SITE 20, TM-MM-24" clear single end 6 RPM bcn with red course lgts flash char "O" (- - -) atop 51' twr comm 22 mi W of Miami at lat 25-45-36, long 80-36-54. (12-17)
MIAMI INTERNATIONAL ARPT-AAF (MIAMI)-Domestic non-scheduled acft taxi to old Army Term. Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Term. Trans International pilots advise twr before landing. Use rnwys only. NE/SW rnwy closed except to lgt acft in emerg. Equip on fld intmtly days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop.' No svcg for mil acft except in emerg or maintenance trans Army acft 2400 to 0800. (11-20)
MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)
MORRISON FLD (WEST PALM BEACH)-N/S rnwy closed. (12-11)
NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)
NORTH POMPANO OLF (POMPANO)-CLOSED (no facs). (1-24)
ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. No Army maintenance Sats and Suns and from 1700 to 0800 daily. (10-9) Radio controlled target ship in Pinecastle area 6 mi S of Orlando 0800 to 1200 daily Mon thru Fri. (7-1)
PAGE FLD (FT; MYERS)-NE/SW, NW/SE rnwy lgts, tetrahedron inop. Use E/W rnwy only at ngt. (9-14)
PENSACOLA ARPT-Ext Navy train, throughout area. Join pattern at 600' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (9-23)
PENSACOLA NAS-CHEVALIER FLD (PENSACOLA)-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 341° NNW. Disposition Delivery acft land at NAAS Ellyson Fld. Pilots desiring to land at Chevalier Fld contact Pensacola Navy Twr before entering traffic pattern. (8-22)
PETER O; KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. Rnwy lgts avail. on 1 hrs notice between 1900 and sunrise. (10-1)
PINELLAS CO; MASTER ARPT (ST; PETERSBURG)-RADIO: 118.3 mc transmitter unreliable. 4495 kcs receiver inop. (1-3)
RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).
RIDDLE FLD (CLEWISTON)-Heavy acft avoid lgt bar and rod steel mat. Twr oper only during scheduled flying. Unsafe areas partially mrkd days, unmrkd ngts. Cloud flying when clouds broken to overcast during daylgt hrs in area bounded by lat 26-27, lat 26-43, long. 80-50, long. 81-27. Use rnwys only. Grass areas flooded most of summer. (7-27)
STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)
TAYLOR FLD (OCALA)-Use rnwys only. (5-8)
TITUSVILLE-COCOA ARPT (TITUSVILLE)-Hangar under const. (9-10)
WEST PALM BEACH-RADIO: Range figt-checked Dec 21, N course 3°E, bear. 182°, E course 3°N, bear. 266°, S course 3°E, bear. 356°. (12-30)
**WEST PROSPECT ARPT (OAKLAND PARK)-Name changed to Fort Lauderdale Arpt and will hereafter be carried under Fort Lauderdale. (12-5) See page 136.
WHITING FLD NAAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)

GEORGIA

ALBANY ARPT-Use rnwys only. (11-8)
ALMA ARPT, SITE 43, MM-AG-Unlgtd 40' hangar under const N edge NW/SE rnwy. (11-16)
**ALMA INT FLD, SITE 43, MM-AG-Name changed to Alma Arpt, Site 43, MM-AG. Fld maintained by city, lgting system maintained by CAA. (12-22) See page 129

GEORGIA

ATHENS ARPT-Bndry, bcn lgts inop. (8-10)
ATLANTA AIRPORT-RADIO: Middle marker of CAA ILS lctd 3600' SE of SE end NW/SE rnwy, keyed with alternate dots and dashes will be comm soon. Outer marker will be relctd 4.5 mi SE of SE end NW/SE rnwy. (9-19) FLD: Const, equip. on fld intmtly. Use rnwys ngts. Closed to HB and VHB acft. Army temp inactive civil. facs. Trans Army acft use Marietta AAF. Twrs of Radio Stn WSB 12 mi NE being dismantled, lgtd. (11-12).
ATLANTA NAS- Acft on IFR between 2000 and 0700 clear thru ATC and proceed to Atlanta Arpt. (12-30)
AUGUSTA-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-21)
BOWERS ARPT (BAINBRIDGE)-CLOSED (high weeds). (8-14)
BUSH FLD (AUGUSTA) -WAC planes parked entire fld off rnwys. Use rnwys only.
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)
COCHRAN FLD (MACON) -Use rnwys, taxi strips only. (12-5)
COOK CO. ARPT (ADEL) -Lgts inop. (9-23)
GLYNCO NAF-LTA-RADIO: Navy twr temp closed, operates on call on one hrs notice. FLD: Tetrahedron temp removed. (10-11)
HUNTER FLD (SAVANNAH) -Sharp incline of approx 20', 370' on approach to Rnwy 23L. 120' lgtd twr between Rnwys 10 and 15 outside outer perimeter. No taxiing permitted on ramp E of Term. Bldg-congested vehicular traffic. Area being fenced off. (10-9)
JONESBORO-RADIO: Compass lctr shut down until approx Jan 16 for relctn at the outer mrkr site of ILS. (12-27)
KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-8)
LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS) -MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2 and 32. Right hand traffic Rnwys 14, 20, 27; left hand on Rnwys 2, 9, 32. (12-16)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (8-6)
MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)
MOODY FLD (VALDOSTA)- Two obst lgts atop Rdo Stn WGOV inop.
PARKAIRE FLD (MARIETTA)-Emerg use only-const. (8-28)
**RIVERBEND ARPT (GAINESVILLE)-ABANDONED. (12-8) See page 108.
ROCKY FORD FLD NO. 1 (VALDOSTA)-Closed-emerg use only.
SOUTHER FLD (AMERICUS)-Use strips only-parked acft.
SPENCE FLD (MOULTRIE)-Use rnwys only. Rnwy lgts inop. (12-21)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn. temp. inop. (11-20) FLD: Use rnwys only. Use rnwys 14L, 32R, 4L, 22R only.
VADA ARPT (BAINBRIDGE) -CLOSED (cattle on fld). (8-14)
VALDOSTA ARPT-Closed-emerg use only.

IDAHO

BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail. for emerg use only. (5-7)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (11-29)
CAMAS CO. ARPT (FAIRFIELD)-NNW/SSE strip, hangar under const. (8-29)
COEUR D'ALENE AIR TERMINAL-Rnwy 5-23 and taxiway from Rnwy 23 to Admin Bldg avail., bal fld closed. (12-29)
GOODING ARPT, new-Use rnwys only-sod unsafe (erosion). (9-20)
★GOWEN FLD (BOISE)-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs., 131.9,126.18,118.3,122.5 mcs. (1-2) These data rcvd too late for inclusion in "ANRA". FLD: Use rnwys, taxi strips only-shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with righ approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million candle pwr ceilometer 1000' NNW arpt bcn. (12-11)
IDAHO CO. ARPT (GRANGEVILLE)-NE/SW strip under const. (9-19)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. (11-19)
PRIEST RIVER MUN ARPT-NNE/SSW strip under const. (7-1)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (11-5)

ILLINOIS

ALBERTUS ARPT (FREEPORT)-Const. Equip. on fld. (10-29)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. (7-25)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (12-3)
CASEY ARPT-S 1000' N/S strip being graded. (10-31)
CHANUTE FLD (RANTOUL)-Ltd parking. (10-28)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const.) (9-23)
CHICAGO ARPT-NE/SW rnwy closed, unlgtd (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg on arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. All numerals and letters on Rnwys 13L, 13R lgtd ngts. Hangar under const N side fld just E of NW corner. Ctn when taxiing. Covered ditch adj Rnwys 27L, 31R, mrkd. Ditch on E side Rnwy 36R, mrkd. (12-6)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (11-8)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (11-26)
*DISOSWAY ARPT (SHELDON)-Lat 40-41-15, long 87-35-00.(12-26)See page 33.
GALESBURG ARPT-Crash and fire fighting equip, avail. 0800 to 1600 Mon thru Fri only. (9-23)
*GLENVIEW-Flight train. area approx 8 mi W has been discont.
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail 2400 to 0800 on req. (7-18)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys.(9-6)
MOLINE ARPT-Obst lgtd poles 125',325',625' NW of NW end NW/SE rnwy 75' E of rnwy center line extended. Two higher unlgtd poles lctd 300' and 450' NW of NW end NW/SE rnwy 200' and 300' respectively W of said obst lgts. (1-4) 75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. 10' unlgtd antenna erected 1000' S of N end N/S rnwy and 250' E of centerline N/S rnwy. (12-23)

QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. (11-12)
RUBINKAM ARPT (HARVY)-Reduced in size. Ditch marks E bndry. N, S, W bndrys unchanged. (11-12)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy unusable, mrkd.
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

INDIANA

AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Const. (9-26)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. E/W rnwy closed. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. (9-19)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only.
CHARLESTOWN ARPT-2000' strip under const-usable with ctn. (9-16)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Trans acft use rnwys only. (12-22)
** DELAWARE ARPT (MUNCIE)-New fld. Lat 40-11, long. 85-28.(12-18)See page 69.
EVANSVILLE ARPT, old-Use rnwys only. Equip. on fld days. (9-26)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (8-28)
★ INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105, 4495,6210,3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclzr course keying "U" tone 3000 cycles temp inop(11-22) Jan. 7, ident. of outer and inner lctrs of CAA ILS changed from "OL" to "I" and from "IL" to "D" respectively. CAA ILS not monitored. (1-7) FLD: Heavy acft use rnwys only. Const around N side fld, parking ramp. No crash equip. Mil pilots register with registrar in Admin Bldg Lobby, trans acft at City desk in Terminal Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. Tetrahedron being installed in triangle between NE/SW, NW/SE, E/W rnwys-temp uncontrollable. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner, operating intmtly. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline, truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (11-15)

McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)
★McCOOL-RADIO: Dec. 28, rdo rcvg watches, weather reporting and teletype service discont. MHW fac operates cont unattended.
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (7-27)
★MILROY-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont.
MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (8-31)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE strip avail with ctn (const). (7-3)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Continue to taxi straight to end of fld then taxi to within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (9-20)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Left traffic pattern. Const areas mrkd. (8-27)
SMITH FLD (FT. WAYNE)-Hangar under const N edge fld, mrkd. (10-5)
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
★STOUT FIELD (INDIANAPOLIS)- RADIO: Army twr recomm Dec 24. See page 69.
FLD: Inadequate svcg facs for trans acft; no radio control, crash equip., base opers avail. only 0800 to 1700. (11-23)
VETERAN'S ARPT (BLOOMINGTON)-Strips rough. (7-30)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (8-16)

IOWA

AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (9-23)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. Soft in wet weather.
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER AIRPARK-Strip rough and rolling. (5-22)
**FORT MADISON ARPT-New fld. Lat 40-39, long. 91-18. (12-16)See page 32.
HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)
IOWA CITY ARPT-Avail days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (8-30)
★LAMONI-RADIO: Teletype and weather reporting services discont Dec. 31.
MASON CITY ARPT-Landings and take-offs rstd in area of sod rnwys W of Admin Bldg. (1-5)
MONTEZUMA-RADIO: See Special Notice.
OTTUMWA NAS- Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. Army facs avail. 0800 to 1700 daily. (12-26)
**WATERLOO ARPT-New fld. Lat 42-33-00, long. 92-33-30. Bcn, rnwy lgts. Lgtd wind cone. No flood lgts. (12-30) See page. 32.
WINTERSET ARPT-Rough and rolling. (2-28)

KANSAS

ALLMAN ARPT (LENEXA)-Use strips only. (9-12)
BEECH ARPT (WICHITA)-Use rnwys only during damp weather. (11-4)
CASSODAY-RADIO: See Special Notice.
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks.

Stay W of flags. (10-11)
★COFFEYVILLE-Radio: Dec 30, all rdo facs, weather reporting and teletype services discont.
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. (10-16)
DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
★FAIRFAX FLD (KANSAS CITY)-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs 126.18,118.9,122.5 mcs. These data rcvd too late for inclusion in "ANRA"
**FORT RILEY-Danger area approx 5 mi N has been redefined as follows: beginning at lat 39-13, long 96-41-15, SW to lat 39-08-30, long 96-44-30; W to long 96-47-30; WNW to lat 39-09-00, long 96-49-30; NE to lat 39-13, long 96-47-30; E to point of beginning. AA firing conducted immediately N of Marshall Range Sta.
GARDEN CITY AAF-Ctc Garden City Radio for landing information ngts Svcg, oper opers avail. 0800 to 1630 Mon. thru Fri only. Closed ngts. (10-22)
GOODLAND-RADIO: Dec. 16 oper. of VHF range suspended indefinitely
GOODLAND ARPT-Rnwy sides soft when wet. (9-20)
**HOLTON ARPT-ABANDONED. (12-17) See page 29.
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only (9-23)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Only N/S rnwy near ramp avail. Svcg, opers avail 0800 to 1630 Mon thru Fri only. Closed ngts. (10-22)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (9-17)
LAWRENCE ARPT-Center fld, taxi areas unusable, soft. Use rnwys only in dry weather. (8-16)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable.(10-23)
MORLAND-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800- flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO.2-Use in emerg only - no facs.
OLATHE OLF NO.4-Use in emerg only - no facs.
OLATHE OLF NO.7-Use in emerg only - no facs.
OLATHE OLF NO.9-Use in emerg only - no facs.
SALINA-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15; right traffic on strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (12-13)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (10-24)
FLD: E/W rnwy closed. (10-17)
TOPEKA-RADIO: Dec. 16 oper. of VHF range suspended indefinitely. FLD: Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
WALDO-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
★WICHITA ARPT-RADIO: About Jan 22, oper of outer mrkr will be temp suspended until approx Feb 5 for installation of low freq compass lctr. (1-3). CAA twr now gds 3105,4495,6210,3117.5 kcs., 126.18,118.7,122.5 mcs. These data rcvd too late for inclusion in "ANRA". (1-7) FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Taxi strip W side fld closed. Lgts on Rnwy 18R-36L inop. Trans acft without radio use ctn. Stay on concrete-sod unsafe. (11-15)

[redacted]

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (10-15)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (10-13)

BOWLING GREEN ARPT-Red obst lgts NW end NW/SE rnwy inop. Const. (11-16)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAF for refueling and maintenance. Opers closed 1630 to 0800. (11-29)
GODMAN FIELD (FORT KNOX)-RADIO: Army range now operating reliably, maximum power only 25 watts. (10-17) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400 ; after 2400 avail upon 12 hr prior notice. (12-26)
★GREATER CINCINNATI ARPT (COVINGTON)-RADIO: Inner and outer compass locators of CAA ILS comm Jan 2. Not flight checked. Inner lctr on middle marker site freq. 206 kcs., ident "V" (. . . -) 0.6 mi. Outer lctr on outer marker site freq. 215 kcs. Ident. "J" (. - - -)4.28 mi. These data rvcd too late for inclusion in ANRA. CAA ILS will be comm concurrently with the moving of the INSAC from Lunken Fld, Ohio to Greater Cincinnati Arpt Voice equipped lclzr on 109.9 mcs Ident "CC" Glide path on 333.8 mcs Outer mrkr 4.3 mi from fld keying two dashes per second. Middle mrkr 0.6 mi from fld keying alternate dots and dashes FLD: Obst 600' due S Admin Bldg. (12-11)
STANDIFORD FLD (LOUISVILLE)-Bndry, rnwy lgts inop. Tetrahedron, unlgtd free swinging. (5-25)
★WARSAW-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont
**WESTERN KENTUCKY ARPT (GREENVILLE)-New fld. Lat 37-13, long. 87-10 (12-19). See page 104

★ALEXANDRIA-RADIO: Courses realigned to: 28°,123°,208°,292° This corrects "AIRGI" Vol. 1, No. 20. Ground checked only. (12-31)
BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (CAA type) temp inop. (6-4)
FLD: Liaison type acft land Rnwy 14R-32L. Exten train. heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. (12-5)
COTTON VALLEY ARPT-E/W strip closed.
CROSS LAKE ARPT (SHREVEPORT)-CLOSED (const, equip. all strips). (4-29)
CROSS LAKE SEAPLANE BASE-Obsts in seaplane area-ctn when landing. (10-4)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags.
HOUMA NAS-LTA-Twr operates daylgt hrs on week days only for acft in connection with Bureau of Aeronautics Storage. Closed to all other acft except in emerg. No fuel. (7-22)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop. (11-14)
JENNINGS ARPT-Use strip only in wet weather. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. (5-17)
LAFAYETTE ARPT-Avail. days only. Use rnwys only. (7-4)
LAKE CHARLES AAF-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS Operates during cloudy conditions. (12-17)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: CAA ILS lclzr and glide path inop. (1-6).. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way radio except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. NE/SW rnwy closed (repairs). (1-6)
MONROE-RADIO: Ground-checked only. (1-5)
**MONROE ARPK-Fld 2.5 mi N ABANDONED. (12-20). See page 101.
**MONROE ARPK-New fld. Lat 32-31-30, long. 92-06-45. (12-20). See page 101. Avail. days only. (12-20).

NATCHITOCHES ARPT-Taxi to right. (4-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Equip. on fld days. Non-radio equipped acft use extreme ctn. Closed to all Army acft except primary, basic and advanced (not inclg converted tactical type) trainers, utility cargo, C-46, C-47, series, C-60, C-64, liaison acft, helicopters and autogyros. (11-9)
SELMAN FLD (MONROE)-Obst lgts atop twr, hangars, floodlgts atop poles W side fld inop. Equip. on fld. (12-27)
SHREVEPORT ARPT-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (11-8)

MAINE

AUGUSTA ARPT-Ben operating intermittently. Obst lgts atop poles 400' N of ENE/WSW rnwy, and on bldgs S side Admin Bldg inop. Equip. on fld days. (11-8)
BRUNSWICK NAS-Closed to all but off. flights (caretaker status-no facs).
DOANES ARPT (BREWER)-Avail. ski-equipped acft only during winter. (1-6)
DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)
DOW FLD (BANGOR)-RADIO: Effective Jan 12, oper of twr and approach control by CAA will be discont. (12-30) Lclzr of CAA ILS ground checked only. (12-30) Army air to ground stn temp inop. (11-20) FLD: E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest true heading rather than mag. heading. (12-10)
HOULTON-RADIO: See Special Notice.
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.
MILLINOCKET ARPT-NW/SE rnwy closed from intersection to NW end. Bndry and ctc lgts relctd accordingly. (12-10)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (11-12)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). Equip. on fld days. (9-20)
PRESQUE ISLE AAF-RADIO: DF stn temp inop. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 percent at each freq. (1-6) FLD: Rnwy 16-34 closed. Rot. bcn inop. Ctc lgts Rnwy 1-19 inop. (1-6)
RAYMOND'S ARPT (PHILLIPS)-NW end NW/SE strip soft beyond flagged area. (10-7)
SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31). These data rcvd too late for ⓪ symbol.
WESTON FLD (MADISON)-Avail. emerg only. (8-29)

MARYLAND

BALTIMORE ARPT-No crash equip. Use rnwys, taxi strips only-other areas soft. 2 cranes 20 and 40' high operating approx 250' S, SW of Rnwys 32, 27. Const, equip. on fld. (12-30)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
CHESAPEAKE BAY-Mines being dropped over water immediately ESE of Cove Point at lat 38-21-12, long. 76-19-18 from alt. of 20,000'. (11-25)
EDGEWOOD ARSENAL FIELD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penn RR. High alt bombing E and S. Stay on concrete. (2-20)
ERCO ARPT (RIVERDALE)-Gen. fld const, however, one strip always avail. (9-20)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (10-5)
HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (9-20)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-N/S rnwy closed (const). NE/SW rnwy and black-topped taxiway avail.-unsuitable for acft heavier than twin-engined type. (10-8)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. (10-31)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches, equip., adj taxiway parallel to Rnwy 2-20, ditches adj Rnwy 9-27, mrkd. Equip. on fld. Rnwy 9-27 being repaired. (10-14)
PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. Mo maintenance or RON. Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld; firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

MASSACHUSETTS

BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty of arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Radio for lgts. E/W rnwy closed ngts. (12-28)
BEDFORD AAF-Two of three 435' twrs 3.5 mi SW (245°) true completed. Temp lgtd with 1000 watt non-flash. lgts. (11-2)
BOSTON-RADIO: Soon, FM will be comm at Dedham, Mass located at lat 42-15-59, long. 71-10-07, on SW course 14.4 mi from range stn. Ident, two dots, three dashes (. . - - -). Bear. and dist, range stn to FM: 238°, 14.4 mi. When Dedham FM is comm, ident of Franklin, Mass FM will be changed to three dots, three dashes (. . . - - -). (12-10)
BOWLES ARPT (AGAWAM)-High grass. Ltd maintenance. (6-6)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft. Heavy acft use ctn. Avoid W, SW portions of fld. (6-15)
LAWRENCE AIRPORT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intmtly day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16). Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid.
MARLBORO ARPT-Fld not maintained-avail. emerg use only. (9-9)

MASSACHUSETTS

MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)
MYRICKS ARPT-Wires on S end N/S strip. (11-20)
OTIS NAAS (FALMOUTH)-Use in emerg only (caretaker status-no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (8-27)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (1-2)
SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat. (11-15)
SPRINGFIELD ARPT-Lgts inop. (6-24)
SQUANTUM NAS-Unlgtd 100' boom on lighter at bndry dur W between Rnwys 2, 8. Equip. at bndry. Fld avail. 0o00 to 30 mins prior to off. sunset. (9-27)
STEVENS FLD (NORTH ADAMS)-Avail. only lgt acft. (10-12)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army GCA sys temp inop. (12-9) Army ILS middle mrkr of (SCS-51) temp inop. (1-6). FLD: Following procedure normally to be carried out on IFR South-bound inbound flights to Westover Fld: Boston ATC will be contacted over Portsmouth, N.H. intersection (Portsmouth intersection is N leg of Grenier Range) for further clearance acft will proceed to a point over Grenier Fld range stn for further clearance by Boston ATC to Gardner intersection (Gardner intersection is the intersection of NE leg of Westover range and NW leg of Boston range) acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to cte Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing letdown procedures as disseminated from Westover Fld. Cruising alts assigned by Boston ATC will be maintained until further clearance to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control all instructions will be followed which are transmitted by Westover approach control. (11-10)
**WORCESTER ARPT-350' twr of Rdo Stn WNEB, erected 3 mi ESE (110°) true at lat 42-15-45.5, long. 71-48-09, lgtd. (12-26)

MICHIGAN

ABRAMS ARPT (GRAND LEDGE)-Hangar being const. Ctn using N/S, E/W strips during winter months. (11-12)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. (11-14)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. (6-25)
BISHOP ARPT (FLINT)-Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. 160' water twr under const 1-1/4 mi NE, unmrkd. (8-15)
**CADILLAC-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont.
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft-bal taxi strip being cleared of trees and brush. Other strip serviceable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of center line of approach. (12-3)
CALVIN CAMPBELL MUN. ARPT (INDIAN RIVER)-Emerg use only. (6-24)
CAPITAL CITY ARPT (LANSING)-Use only rnwys, new N/S strip. Strip closed ngts. Equip. on fld days-acft parked W side fld E of apron. (9-20)
DALTON ARPT (FLUSHING)-N/S,E/W strips unusable. (11-13)
DETROIT CITY ARPT-Inbound acft required to have radio receivers. (10-22)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FIELD (THREE RIVERS)-Sides and ends of strips soft.(5-10)
EMMET CO. ARPT (PELLSTON)-Unlgtd hangar under const 1500' N of the E end of the E/W rnwy. (12-6)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (11-15)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (8-14)
FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31). These data revd too late for ⓪ symbol.
GLADWIN ARPT-40 x 60' unlgtd hangar NW corner fld. (9-27)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (10-22)
JAMES CLEMENTS ARPT (BAY CITY)-Closed ngts. Heavy acft use rnwys only. (7-20)
JEWETT ARPT (MASON)-Strips mrkd with yellow mrkrs. (11-14)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (11-9)
LAPEER ARPT-Hangars under const. Use strips only. E/W,N/S strips being widened. (7-13)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. (11-15)
MACKINAC CO. ARPT (ST. IGNACE)-Trucks, equip. on SE side fld. (9-20)
McKINLEY ARPT (FRASER)-Closed except to lgt acft in dry weather-soft.(4-26)
MOUNT PLEASANT ARPT-Strips soft in wet weather. (3-16)
MUSKEGON CO. ARPT (MUSKEGON)-Use rnwys only-rough. (9-20)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PRICKETT FLD (SIDNAW)-Unusable-under const. (6-25)
REYNOLDS FLD (JACKSON)-Green flasher code bcn atop rot. bcn inop. (12-5)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13) Use strips only. (9-26)
**ST. IGNACE-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont.
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (9-20)
SKYHAVEN ARPT (SAGINAW)-Use strips only. Avail. lgt acft only when wet. Right traffic when landing S, SW and W. Left traffic N,NE and E. (11-12)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (7-10)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. (12-22)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Use rnwys only after heavy rains. (11-14)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (8-14)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. Apron base and loading gates under const, mrkd. (12-4)

MINNESOTA

APPLETON ARPT-Use rnwys, taxi strips only. (11-20)
BENSON ARPT-Use ctn on newly seeded areas in thawing weather. (12-8)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. (6-28)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Temp closed (const). (6-17)
FLYING CLOUD ARPT (MINNEAPOLIS)-Const. (12-17)
**LAKE CITY-RADIO: Dec 28, all rdo facs. weather reporting, and teletype services discont.
MANKATO ARPT-Use strips only. (5-16)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Const. Temp rnwys avail. Equip. on fld intmtly. (10-11)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New NW/SE, NE/SW rnwys avail. wheel-equipped acft until heavy snow. (12-9)

UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W,N end N/S strips rough. (9-30)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Avail. ski-equipped acft only. (12-21)
WILLIAMSON-JOHNSON ARPT (DULUTH)-Closed ngts. (8-1)
**WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-80' FM twr of Rdo Stn WTCN atop 450' Foshay Twr Bldg, lctd 6.5 mi NW, completed, obst lgtd with flash. red bcn. (12-30). Foreign Clearing Stn for Musk-Calf Project Flts. (11-21)
**WORTHINGTON ARPT-1.4 N ABANDONED. See page 29.
**WORTHINGTON ARPT-New fld. Lat 43-38-30, long. 95-34-30. (12-12). See page 29.

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AUGUSTINE FLD (JACKSON)-Use strips only-parked acft.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-RADIO: Army air to ground stn temp inop. (11-20). FLD: Use rnwys only.
**DELTA ARPT (YAZOO)-ABANDONED. (12-11). See page 101.
GREENWOOD ARPT-Use rnwys only-sodded portion soft. E/W, NW/SE rnwy lgts inop. (12-30)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. ARPT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
JACKSON ARPT-Rnwys 2-20,16L-34R closed. Bndry lgts NW end Rnwy 11, SE end Rnwy 34 discont. Red guide lgts installed 100' from Rnwy 11-29. Neon approach lgt sys will be comm about Jan 10. Lctd NW end NW/SE rnwy consisting of 1 green course lgt lctd approx 100' from NW end of rnwy continuing NW with 14 neon lgt stns at intervals of 100'. Will operate cont during hrs of darkness and during daylgt hrs when instrument flight rule weather prevails and at any other time on special req to twr. (12-28)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts on req. Ngt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Rdo Stn WTOK erecting 180' twr 5 mi NE, lat 32-22-46, long. 88-40-04. (9-7)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
McCOMB ARPT-W 1/3 of E/W strip unusable. (9-30)
**WOODSIDE ARPT (GLEN ALLAN)-New fld. Lat 32-59-00, long. 90-58-30. (12-24) See page 101.
**YAZOO CITY COUNTY ARPT-New fld. Lat 32-52-30, long. 90-24-30. (12-11) See page 101. Use N/S strip only, bal fld soft. (11-7).

MISSOURI

BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (9-18)
CHILLICOTHE INT, SITE 7, KC-CG-Use only rnwy during wet weather. Sod areas slightly rough. (10-21)
**COLUMBIA ARPT-168' water twr 1-1/2 mi SE completed, obst lgtd by flash red lgt on top, red lgt on side at 4/5 level at 4 cardinal points. (12-20). Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.

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HARVEY PARKS ARPT (SIKESTON)-Use rnwys only-parked acft.
INDEPENDENCE ARPT-N/S strip avail., bal fld closed (grading). (6-28)
JEFFERSON CITY ARPT-E/W,N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45,C78. (5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (10-10)
KANSAS CITY ARPT-RADIO: Glide path and bndry mrkr temp inop until perm. lclzr recomm at a later date. (11-14). FLD: CLOSED TO ALL ARMY ACFT EXCEPT IN EMERG-USE FAIRFAX FLD. Army acft rstd from refueling except in extreme emerg. Neon approach lgt sys discont until approx Mar 3, 1947-temp use approach lgt installed N end N/S rnwy consisting of 1 green spot-lgt 24" in diameter and elevated at a 30° angle. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. (1-3)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (11-22)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Low clearances observed in blue and yellow sectors of ILS. (10-8). FLD: Closed to non-radio equipped acft. Equip. on fld and ramp. Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. (10-29)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (10-1)
QUEEN CITY ARPK (SPRINGFIELD)-35' lgtd pole and lines N end N/S rnwy. (10-30)
ROSECRANS FLD (ST. JOSEPH)-Equip. on fld days. (12-7)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. Crash and fire fighting equip. avail. 0800 to 1600 Mon thru Fri only. (9-23)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (9-19)

MONTANA

★BILLINGS ARPT-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs., 126.18 118.7,122.5 mcs. These data revd too late for inclusion in "ANRA". (1-3). FLD: Army acft rstd from refueling except in extreme emerg. (12-26)
BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUT BANK ARPT-Ctc lgts avail. on req. (11-28)
★GREAT FALLS AAF-RADIO: Air ground stn now also gds 500 kcs. (12-27). FLD: Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20,16-34 only. (12-6)
**HAVRE CITY-COUNTY ARPT (HAVRE)-154' twr of Rdo Stn KAVR erected 5.5 mi E (82°) true, at lat 48-33-32, long. 109-38-59. Red obst lgts at 50 and 100' levels flash. red lgt atop. (12-18)
★HELENA ARPT-RADIO: Jan 5, CAA twr reactivated and consolidated with the Airway Commun Stn into a single fac operated from the twr lctn. Control of air traffic within the arpt traffic zone during daylgt hrs. During hrs of darkness advisory service furnished acft equipped with 2-way radio. Twr transmits on 278 kcs., 118.9 mcs. Guards 3105,4495,6210,3117.5 kcs., 118.9 mcs. These data revd too late for inclusion on Flight Planning Charts, in ANRA, and Directory of Airport. (1-5). FLD: Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. (10-21)
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (11-13)
MILES CITY ARPT-Bndry lgts inop. (12-2)
MISSOULA CO. ARPT (MISSOULA)-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (11-13)
MOORE ARPT-S end N/S strip rough. (7-30)

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MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr - courses unreliable (ice on loops) (11-3)
POLSON ARPT-Usable with ctn. (7-19)
POPLAR ARPT-Dangerous when wet. (9-6)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using.(9-7)
WOLF POINT ARPT-Hay stacks on fld. (9-10)

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AINSWORTH MUN. ARPT-Use rnwys only. (10-27)
BIG SPRING-RADIO: See Special Notice.
CLAY CENTER ARPT-Use strips only. (5-19)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (9-26)
ELGIN ARPT-Haystacks on fld. (12-3)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (11-15)
GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27) FLD: Ctc Grand Island Rdo between 1700 and 0800 for landing. Refueling 0800 to 1700 only. (12-3)
**HASTINGS SKY RANCH (HASTINGS)-Port rnwy lgts (12-20) See page 29.
**HAWKS FLD (BRUNING)-New fld. Lat 40-18-45, long 97-30-00 (12-18) See page 29.
IKE BIRD FLD (NORTH PLATTE)-Army acft rstd from refueling except in extreme emerg. (10-9)
LINCOLN ARPT-Rnwys and apron being sealed until approx. Jan 20, 1947. Priv acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (12-6)
McCOOK AAF-NW/SE rnwy avail. only. (11-13)
★OMAHA ARPT-RADIO: CAA twr now gds 3105, 4495, 6210, 3117.5 kcs., 116.1, 126.18, 122.5 mcs. These data rcvd too late for inclusion in "ANRA". (1-4) About Jan 15, oper of outer mrkr of CAA ILS will be temp suspended until about Jan 23, for installation of low freq compass lctr. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)
OVERTON-RADIO: See Special Notice.
SIDNEY INT, SITE 50, SL-CH-E/W strip avail., bal fld rough. (9-20)
**VALLEY ARPT-New fld. Lat. 41-19-45, long. 96-22-15. (8-22) See page 29

[redacted]

BATTLE MOUNTAIN-RADIO: SW course 3° S, bear. 46°. (10-25) 116.1 mc. transmitter and rcvr temp inop. (11-6)
BATTLE MTN FLIGHT STRIP, SITE 35, SR-SL-Use paved surfaces only- shoulders soft. (12-8)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (10-8)
**DERBY, BCN SITE 212 MI BLINKER, SF-SL.-Discont. (12-17)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FALLON-RADIO: Stn unmanned 2300 to 0700.
FALLON ARPT-Closed except in emerg. (9-27)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due wind erosion, soft sand, unmkd. (11-27)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, unmkd. (1-2) These data rcvd too late for (B) symbol.
LAS VEGAS-RADIO: VHF range will be comm soon at lat 36-11-06, long.115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident "LQ" Courses: Visual, 29°, 209° Aurel, 119°, 299°. Mag. Variation 16° E. Simult voice channel and receiving watches (3117.5 kcs, 116.1, 131.7 mcs) avail. 24 hrs daily. Stn. class: VAR-VDT (12-10)
LAS VEGAS AAF-Obst bons No. 3 and 4 stop Sunrise Mtn inop. Ltd opers facs. No maintenance. Weather forecasting avail. 0800 to 1700 daily, other hrs clearance by ARS. Equip. on fld. (1-3)
**LOVELOCK ARPT-First 2500' of strips lgtd by port lgts upon prior req. (12-30) See page 21.

NEVADA

TAHOE SKY HARBOR ARPT (CENOA)-Trans or inexperienced pilots avoid using.
TONOPAH-RADIO: Stn unmanned from 2400 to 0800 daily. (7-31)
TONOPAH AAF-RADIO: Army air to gnd stn inop. (11-20)
**VISTA, BCN SITE 200 MI BLINKER, SF-SL-Discont. (12-17)
**WADSWORTH, BCN SITE 216 MI BLINKER, SF-SL-Discont. (12-17)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

NEW HAMPSHIRE

BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-offs and landings made toward NW. 34' hangar under const adj to bldgs S border fld. (11-24)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (11-21)
GRENIER FLD (MANCHESTER)-Crash facs avail. 0800 to 1800 only. (12-7)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LAKES REGION ARPT (WOLFEBORO)-CLOSED (const). Grass strip avail. in emerg. (11-28)
LANCASTER ARPK-New surface dangerous when wet. (11-21)
LEBANON-RADIO: See Special Notice.
LEWIS FLD (LITTLETON)-Center of fld dangerous whenwet. (11-21)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)

NEW JERSEY

ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
BENDIX-RADIO: Tests of exper. equip. will be conducted on freqs of 108.5, 109.3, 110.1 mcs.
CAPE MAY COAS-Closed to trans acft except in emerg (caretaker status-no facs.
CARTARET-Bcn, side lgts inop on twr Rdo Stn WOR. (7-24)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (8-2)
LAKEHURST NAS-Rnwy tests in progress days. (11-19)
LAKEWOOD ARPT-N/S strip under const. (10-15)
★MILLVILLE-RADIO: Jan 7, CAA commun stn now manned cont.
**MILLVILLE ARPT-Fld lgts on req. (12-19) See page 76.
**MOORESTOWN ARPT-Port. rnwy lgts on req. (12-22) See page 77.
NEWARK-RADIO: SW course reported displaced 3° SE bear. 55°. (12-27)
NEWARK ARPT-Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on Rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 closed. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to rnd approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Tetrahedron uncontrollable. (12-23) To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as practicable. 2. E-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)

[redacted]

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (10-28)

TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. (12-3)

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★ALAMOGORDO AAF-RADIO: Army ILS (CAA type) decomm. (12-23) FLD: Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (12-18)

ALBUQUERQUE ARPT-Used by RFC. Avail. only for delivery surplus acft this fld, prospective purchasers of surplus acft or parts, or in emerg.

★ANTON CHICO-RADIO: Dec 18, CAA Commun Stn, rdo rcvg watches, weather reporting, teletype service and all rdo facs decomm.

B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme ctn. Heavy equip. on fld. (12-24)

CONDON FLD-See notice under White Sands Proving Ground, N. M.

CREKS FLD, SITE 42, EO-PU-(RATON)-CLOSED (const). (4-29)

GALLUP ARPT-E/W rnwy closed. (5-4)

GALLUP CITY FLD-ENE/WSW strip under const. (5-7)

HOBBS AAF-Rnwys 3-21, 12-30 closed. (12-18)

HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (7-21)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

★KIRTLAND FLD (ALBUQUERQUE)-RADIO: Army air to gnd stn now in oper on 137.88 116.1, 140.58 mcs. (1-3) Inner and outer mrkrs of ILS inop (const)12-5) FLD: Blinding 25 million candle pwr ceilometer 1000' N of Terminal Bldg. (6-5) 3 twrs being const approx 2 mi W of fld, will be 400', approx 20' above fld elev and lgtd with blinkers at 200' and 400' (11-26)

LAS VEGAS ARPT-Use rnwys only-bal fld unsafe. (11-13)

seLOVINGTON ARPT-Correct lctn Lat. 32-56-45, long. 103-20-15. (9-16) See page 89.

MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)

ROSWELL-Igtcn inst train. on Roswell Rdo Range below, above, and in overcast. Acft inbound to Roswell or operating in vcnty under IFR, ctc Roswell Rdo for instructions.

ROSWELL AAF-Ltd parking, svcg facs. (12-18)

seROSWELL ARPT-36" rot bcn showing clear and green oper. ngtly from sunset to sunrise, identifies and is mounted 50' above gnd at E side of arpt where fld lgts oper sunset to sunrise. (12-13)

SANTA FE ARPT, new-Rnwy lgts inop. Army acft rstd from refueling except in extreme emerg. (12-20)

★SOCORRO-RADIO: Dec 28, CAA Commun Stn, rdo rcvg watches, weather reporting, teletype service and all rdo facs decomm.

WEST MESA ARPT (ALBUQUERQUE)-Surplus Acft Sales Center - parked acft.

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condon Fld. When Condon Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14)

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ALBANY ARPT-Equip. on fld intmtly. (11-13)

BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (11-8)

BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)

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BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. 70' unlgtd smokestack W bndry fld between E/W and NE/SW rnwys. Rnwys and taxi strips mrked with black flags for winter opers.

CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lol traffic and at other times when circumstances make such practices consistent with safety. (11-17)

CLASON'S POINT-RADIO: About Jan. 15, 1947, weather permitting, present New York (La Guardia) range will be decomm. Simultaneously Clason's Point range will be comm at lat 40-49-11, long. 73-50-33. Freq. 209 kcs. Ident. "LCP" Bear. and dist, stn to La Guardia Fld: 222°, 3.2 mi. Courses will be: 42°, 129°, 222°, 273°. Stn class: SBRAZ-VDF. VHF voice fac will transmit on 116.1 mcs. Stn will gd: 3105, 4495, 6210, 3117.5 kcs, 116.1 mcs. Clason's Point LFM will be decomm. FM will be comm at New Rochelle, N. Y. at lat 40-53-17, long. 73-47-19, on NE course. Bear. and dist, range to FM: 42°, 5.6 mi. Ident one dash. These facs, outer mrkr on CAA ILS La Guardia Fld will be comm simultaneously. (12-18)

CLINTON HOLLOW, BCN SITE 8, LO-UL-Soon, rot. bcn with red course lgts will be comm at lat 41-51-20, long. 73-51-10. Elev 640' MSL. (11-25)

DANSVILLE-RADIO: See Special Notice.

DUNKIRK-RADIO: See Special Notice.

CROTON ARPK (PEEKSKILL)-Hangar under const. (6-11)

FLOYD BENNETT FIELD NAS (NEW YORK)-Closed 1700 to 0800. (8-15)

FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough. (10-3)

GLENS FALLS-RADIO: See Special Notice.

GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. NE corner fld unusable-soft area mrkd. Closed to all acft above 250 HP. (11-25)

HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)

HUDSON, BCN SITE 10, LO-UL-Soon, rot. bcn with red course lgts will be comm at lat 42-14-04, long. 73-49-04. Elev 548' MSL. (11-25)

HYLAN FLD (ROCHESTER)-Use strips only - ctn when wet. (5-18)

IDLEWILD-RADIO: Range flight-checked. Courses correctly aligned.

IDLEWILD ARPT-Temp pavement on Rnwys B-(N/S) and C (NE/SW) being removed with trenches across rnwys presenting extreme hazard even in emerg. Not yet opened-const. (10-15)

ITHACA ARPT-Right traffic pattern in use. (8-3)

KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)

LA GUARDIA FLD (NEW YORK)-RADIO: Outer mrkr of CAA ILS relctd 4.5 mi SW of SW end of NE/SW rnwy at lat 40-42-52, long. 73-55-47. Will be comm about Jan 15. (1-2) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. or with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop locker shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. Truck and 30' crane NW corner fld adj to rnwys days. Ditch N end approx 400' off W side Rnwy 4-22 parallel to rnwy. Area from end of Rnwy 18 to intersection of Rnwy 9-27 being graded days. (12-7)

LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only. (12-27)

MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. (11-18)

MALONE-DUPONT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)

MASSENA-156' twr Rdo Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (6-11)
★MITCHELL FLD (HEMPSTEAD)-RADIO: VHF DF oper 0730 to 2330. (12-23) Mitchel Fld approach control area includes all the navigable airspace up to and incld 4000' from a radius of 6 mi. of the Mitchel Fld Range Stn and 5 mi. each side of the SE leg of the Mitchel Fld Range Stn, eastward to the Atlantic Coast shoreline. Holding Points: Holding will be accomplished on the SE leg of Mitchel Range Stn between the Range Stn and a point four minutes SE. All turns will be made to the S. Missed approach procedure: If the approach is missed, a 180° turn to the left will be made at not above 1000' until E of the Mitchel Range Stn. Communications: Mitchel Fld Approach Control will normally issue clearances on the following freqs. 1. Mitchel Fld Rdo Range - 227 kcs. 2. 126.18 mcs. (12-30). Army ILS (CAA type) temp inop. (12-20) FLD: Rnwy 18-36 closed. (12-18)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK-RADIO: About Jan 15, range will be comm at lat 41-33, long. 73-51-54. Bear and dist, stn to fld: 185°, 5.3 mi. Freq 236 kcs, ident. "NX" Courses: 30°, 92°, 193°, 272°. Var. 12° W. Class: SBRAZ-DT. See Stewart Fld.
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev 261' MSL. (11-25)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following area over New York Harbor; beginning at lat 40-32, long 73-46; to lat 40-34, long 73-15; to lat 40-00, long 73-15; to lat 40-00, long 73-55; to lat 40-22, long 73-55; to lat 40-22, long 73-46 to the point of beginning. (11-15). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-RADIO: See Clason's Point Rdo.
NEW YORK-RADIO: Range flight checked. Courses correctly aligned.
NEW YORK CITY-See Special Notice "Rstn on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (11-13)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern. Left traffic pattern. Hospital 3/4 mi from Rnwy 28 - avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100. for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E.(11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with stn. (11-22)
SMITHPORT INC. (UTICA)-Hangars under const. (10-14)
**SPRING VALLEY ARPT-New fld. Lat 41-07, long. 74-01 (12-10) See page 44

STEPHENTOWN-RADIO: FM tc be relctd on E course of Albany, N. Y. range.
STEWART FLD-RADIO: About Jan. 15, range will be decomm concurrently with commissioning of New Hackensack fac. (12-22)
STEWART FLD (NEWBURGH)-Pilots unfamiliar with Stewart Fld let-down procedure will not be cleared this fld under actual inst conditions. Final approach under these conditions will be made on SW leg Stewart Fld range only. (8-5)
SYRACUSE ARPT-Turf areas soft after heavy rains. (9-10)
**TICONDEROGA SEAPLANE BASE-New Base. Lat 43-48, long 73-26. (12-6) See page 144.
TIVOLI, BCN SITE 9, LG-UL-Soon, rot. bcn with red course lgts will be comm at lat 42-03-29, long. 73-49-01. Elev 321' MSL. (11-25)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwys. (6-11)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn lgt burning but not rot. (11-13)
**WARREN CO. ARPT (GLENS FALLS)-Class L5 lgts avail, no flood lgts. Lgts on prior req. (12-30) See page 44.
WATERTOWN ARPT-Installing lgts. Land, taxi with ctn-holes along rnwy edges. (8-1)
WESTCHESTER ARPT INC (ARMONK)-Const, tree removal equip on fld. (8-16)
★WESTCHESTER CO. ARPT (WHITE PLAINS)-RADIO: CAA twr comm Jan. 1. See page 44. FLD: Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S and E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. Lgts avail. on NNW/SSE rnwy only nghts. (12-31)
WINDSALE ARPT-Avail. lgt acft only-rough. (3-21)

NORTH CAROLINA

ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip on fld. No rdo facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).
BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BOGUE MCAAF-Closed to all acft except in emerg (no facs). (7-11)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-CLOSED (equip.) (11-25)
CANNON ARPT (CHARLOTTE)-Surplus Acft Sales Center - parked acft.
★CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with ctn.(11-20)
** Navy twr now gds (3), 126.18, 142.74 mcs. (12-9) FLD: Inst approach lgting system with high intensity lgts installed. (12-24) See page 112. Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
**DUKE FLD (CHADDOURN)-New fld. Lat 34-20-15, long. 78-49-15. (9-23) See page 109.
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed nghts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FAIRCHILD-CIVIL ARPT (BURLINGTON)-Use rnwys, taxi strip only. No fld facs.
FORT BRAGG-Heavy firing is being conducted in all sections of Fort Bragg danger area up to 20,000 ft. All acft must avoid this area shown on Flight Planning chart 110 herein. Inten train. days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GREENSBORO-HIGH POINT ARPT (GREENSBORO)-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (12-5)
**H & H FLYING SERVICE (BREVARD)-New fld. Lat 35-14-30, long. 82-43-00. (10-10) See page 108.

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**HARRIS ARPT (MOORESVILLE)-New fld. Lat 35-34-00, long 80-46-00. (9-21) See page 109.

KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)

LEXINGTON ARPT-Ctn-strip rolling. (10-1)

**MC LEOD FLD (WINGATE)-Lat 34-58-00, long 80-26-00. (10-14) See page 109.

**MICAVILLE ARPT-New fld. Lat 35-53-40, long. 82-13-00. (10-14) See page 108.

**MOREHEAD CITY ARPT-New fld. Lat 34-44-30, long. 76-48-30. (9-20) See page 112.

MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)

**NEWTON-CONOVER ARPT (NEWTON)-Correct location lat 35-41-30, long. 81-13-45. (10-9) See page 109.

**OWENS FIELD (ASHEVILLE)-New fld. Lat 35-34-00, long. 82-34-30. (10-11) See page 108.

**PINEY GROVE ARPT (KINSTON)-New fld. Lat. 35-14-30, long. 77-36-00. (9-20) See page 112.

★POPE FLD (FORT BRAGG)-RADIO: ILS (SCS-51) temp inop. DF stn oper 0800 to 1700 daily. (12-23) FLD. CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX STRIP 2 MI N, AT FT. BRAGG. Svcg avail. that fld. Heavy glider traffic. Equip on fld days. (12-11)

RALEIGH-DURHAM ARPT (RALEIGH)-ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400'S centerline and 900'S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. 55' control twr under const N side fld near Admin Bldg, unlgtd. Const on ramp in front Admin Bldg, lgtd. (12-20)

ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)

SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.

**SMITH FLD (KINSTON)-New fld. Lat. 35-14-15, long. 77-38-00. (9-20) See page 112.

THOMASVILLE ARPT-Ctn-strip rolling. (10-2)

WEEKSVILLE MAP-LTA-Avail. ETA and LTA acft daylgt hrs; ngts by prior arrangement or in emerg. (9-3)

**WHITE LAKE BEACH ARPT (WHITE LAKE)-New fld. Lat. 34-39-30, long. 78-30-00 (9-23) (112).

**WILMINGTON AIRPARK-New fld. Lat 34-12-30, long. 77-54-00. (9-21) See page 112.

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★ASHLEY-RADIO: Jan 2, rdo rcvg watches, weather reporting and teletype services discont. MHW fac operates cont unattended.

BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)

CHANDLER AIRPORT (WILLISTON)-Use strips only, bal fld rough. (5-10)

DAWSON INT, SITE 33, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)

DICKINSON MUN. ARPT-30' hay stacks near all edges fld. Use rnwys only. (10-9)

FARGO ARPT-HECTOR FLD (FARGO)-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (12-17)

★OLVA-RADIO: Jan 2, CAA Commun stn, rdo rcvg watches, weather reporting, teletype service and all radio facs decomm.

GRAND FORKS ARPT-50' const booms adj to NE corner fld, lgtd ngts. (11-21)

JAMESTOWN ARPT-Obst lgts atop 190' twr Rdo Stn KSJB, 2 mi SW discont. Twr being dismantled. (11-4)

PEMBINA INT, SITE 14A, FO-WG-Avail. ski-equipped acft only. (12-24)

VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (12-15)

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AKRON ARPT-Surplus Acft Sales Center-parked acft. Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (12-11)

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**AKRON-CANTON ARPT (AKRON)-New fld. Lat. 40-55, long. 81-26 Bcn, bndry, range lgts. (12-20) See page 37.

★ARCHBOLD-RADIO: Dec 28, rdo rcvg watches, weather reporting and teletype services discont. MHW fac operates cont unattended.

**BETHEL ARPT-New fld. Lat 38-57-45, long. 84-03-50. (12-21) See page 69.

BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)

BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (11-24)

BROOKFIELD ARPT-Avail. lgt acft only. N/S strip under const. (4-21)

BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (11-27)

CEDAR LAWN AIRPORT (KENTON)-Use strips only. (6-26)

★CHERRY FORK-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont.

CINCINNATI-RADIO: Range appears unreliable. (12-23) Jan 8, voice oper will be inop during relctn of INSAC from Lunken Fld to Greater Cincinnati Arpt. Voice oper will be resumed about Jan 10, coincident with inauguration of service from control twr, communication stn and Weather Bureau at Greater Cincinnati Arpt. Twr will transmit on 221 kcs, 118.9, 126.18 mcs. Guard: 3106,3117.6,4495,6210 kcs, 118.9,122.5,126.18 mcs. VHF voice fac will be comm at commun stn. Will transmit on and guard 116.1 mcs cont. (12-26)

CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction (11-25)

CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. (12-16) Three 200' twrs 10 mi SE lgtd at 3 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. (11-30)

CLINTON CO. AAF (WILMINGTON)-Rnwys lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Intcn inst train. being conducted-for danger area description see Wilmington, Ohio. (7-8)

CONNEAUT AIRPORT-Use mowed strips only. (6-4)

DAYTON ARPT-Use rnwys only at ngt. Equip on fld. For remainder of winter two 30'' cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. (12-28)

FINDLAY ARPT-Lgtd bldg under const NE of fld. (10-21)

GRIESER AIRPORT (WAUSEON)-Use strips only. (7-3)

GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (11-23)

LANSDOWNE ARPT (GREENVILLE)-Equip on fld intmtly. (8-12)

LOCKBOURNE AAB (COLUMBUS)-RADIO: Loizr of Army ILS inop. (12-30)

LORAIN CITY ARPT (LORAIN)-Water main being run thru the SW corner of fld, temp shortening NE/SW strip to 1800'. (9-27)

LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. Army facs ltd. (11-1)

**MANSFIELD ARPT(OLD)-ABANDONED. (12-4)

MANSFIELD ARPT-Use rnwys only. Equip on fld (const). (12-30)

MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extended into cultivated area W end fld. (6-4)

MATHER ARPT (CLEVELAND)-Closed to trans acft except on special permission Const on 1000' NW/SE, 1100' NE/SW rnwys. (11-25)

MEDINA PRICHARD ARPT (MEDINA)-Soft when very wet. (10-14)

MIDDLETOWN AIRPORT-Right traffic pattern taking off to S, SW and W.

NORWALK AIRPORT-Ditch N end N/S strip adj to side of road. (7-26)

OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (9-17)

PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE.(11-27)

PATTERSON FLD (FAIRFIELD)-RADIO: Glide path of Army ILS unreliable for ceilings under 100'. (7-1) Army GCA sys temp deactivated. (8-16) FLD. Equip on fld. (11-1)
PAULDING CO, ARPT (PAULDING)-Soft when wet, land at own discretion. (11-26)
★PORT CLINTON-RADIO: Dec 28, all rdo facs, weather reporting and teletype services discont.
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Soon CAA twr will transmit on 278 kcs, 118.5,126.18 mcs only. Will guard 3105,4495,6210,3117.5 kcs, 131.9,118.5, 126.18 mcs. (12-7) FLD. 30' port. twr on taxi strip W side fld, 800' S of E/W runway and 800' SW of NW/SE runway until approx Feb 15. (1-2)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee at on NE corner of hangar. Use runways only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (12-13)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. (11-27)
WELLINGTON ARPT-Right traffic on S and SW runways. (12-22)
WILMINGTON-Experimental flying is being conducted within the following described area: beginning at lat. 39-41, long. 83-01-30; S to lat. 38-48-40, long. 83-02-30; NW to lat. 39-11-20; long. 84-00; N to lat. 39-42-10, long. 84-00; E to point of beginning. This area should be avoided at all times.
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FLD. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flights. Ltd maintenance. No quarters for trans crews. (10-22)
WYNKOOP ARPK (MT. VERNON)-Under Const. (6-20)
YOUNGSTOWN ARPT-Use runways only. Equip. on fld. (12-5)
ZANESVILLE ARPT-Use runways, taxi strips only-newly seeded areas. Tetrahedron lgts on req only. Runway in use lgtd cont. (12-5)

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ALTUS MUN. AIRPORT-Avail. only for delivery surplus mil acft or in emerg. Equip on and near N/S runway. (12-13)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-MD. Inten clo and inst train. in progress. (9-13)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overhaul sto. Planes parked on fld. 4 strips indicated by pylons and markers. Line markings center of each strip. (11-27)
ENID AAF-RADIO: Army range unreliable. (10-4) FLD. Ltd parking facs. Use runways, taxiways only. (5-8)
GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (11-26)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE, INT, SITE 21, FV-MD-Course lgts changed to red. Bndry lgts decomm. (11-25)
HATBOX FIELD-MUSKOGEE AIRPORT (MUSKOGEE)-Use runways only-parked acft.
LAWTON ARPT-Obst lgts inop. Bndry. flood lgts on req. (12-2)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman (12-2)
MUNICIPAL ARPT (BOISE CITY)-Emerg use only. (5-11)
NEWKIRK SKYPARK-NW/SE strip under const. (8-3)
NICHOLS FIELD (OKLAHOMA CITY)-Use runways only. (1-14)

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POST FLD (LAWTON)-Closed to all except liaison type acft. Ext const. Equip on entire W half and NW portion fld. Closed ngts. Flash. bcn atop balloon hangar inop. Soft spots. Const on runways. 5000' runway under const. (11-19)
ROOSEVELT-RADIO: Dec 5, VHF range flgt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00 long. 99-03-48. Freq. 108.7 mcs. Ident "RQ". Visual courses: 53°,233°; aural courses: 143°, 323°.
SHAWNEE ARPT-Use runways, taxi strips only. (11-25)
TINKER FIELD (OKLAHOMA CITY)-RADIO: Army range reported unreliable for orientation and homing. (10-30)
TULSA ARPT-Pilots without radio watch twr ltd SE corner fld for lgt signals Use runways, taxi strips only. Const on Terminal Bldg ramp. Equip. on fld days, lgtd ngts. Svcg, crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (10-25)
★WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs, 118.7,126.18,122.5 mcs. These data rcvd too late for "ANRA" FLD. Ditch at approach end Runways 30, 35, lgtd. Bndry lgts inop-cto lgts on runway in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (11-6)
WOODRING FIELD (ENID)-Use runways only. (8-5)

OREGON

BAKER ARPT-Use runways only. Equip. on fld days. Erecting 25' unlgtd bldgs adj to and outside bndry lgts-700' E of N/S, 700' S of E/W runways. (9-14)
BEAVER MARSH INT, SITE 73, RV-ND-Avail. large acft with ctn-unsafe lgt acft. (12-10)
BLUE STAR ARPK (EAGLE POINT)-Hangars under const. (10-18)
CIVIL AIR PATROL ARPT (NORDEN)-CLOSED (muddy during winter months). (11-25)
**DALLAS ARPT (OLD)-1.6 mi E, ABANDONED. (1-1) See page 1. These data rec'd too late for inclusion in Directory of Arpts.
EUGENE ARPK-N/S runway closed-to be used as taxiway only. (9-13)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Grading in progress to widen and lengthen strips. (9-16)
**HUG'S FLD (ELGIN)-ABANDONED. (12-31)
**KLAMATH FALLS ARPT-Bndry, runway cto lgts on req. (12-19) See page 20
**MAHLON SWEET FLD (EUGENE)-Lgt lane comm concurrently with instrument landing system, extends 1500' N of N/S runway, 6' above level of runway. oper on call basis. (12-20) See page (1) Equip. on fld. Use runways only (10-6)
★MEDFORD AAF-RADIO: Army air to ground stn oper on 4765 kcs voice cont: 3800 kcs CW ngt, 5065 kcs CW day, 4495 kcs CW. (1-6) CAA twr now guards 3105, 4495,6210,3117.5 kcs., 126.18,118.7,131.9,122.5 mcs. (1-3) These data revd too late for inclusion in "ANRA". FLD. Use runways, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (12-13)
★PENDLETON ARPT-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs., 126.18, 118.7,122.5 mcs. (1-3) These data revd too late for inclusion in "ANRA"
PORTLAND-RADIO: Lacenter FM will be comm soon at lat 45-49, long. 122-30, lctd 12 mi on N course of Portland range, Ident. 4 dashes. (12-19)
PORTLAND AAB-Flash. lgts on tetrahedron indicates suspension CFR flights. Ltd JP-1 fuel avail. Use runways, taxi strips only. ILS lgt lane being const on approach to NW/SE runway. Vertical poles extend outward NW 1543' from end of NW/SE runway. elev of outer pole 38' and 14' above top of dike. Pole line 160' NE of runway center line. Temp red obst lgt top of highest pole. (12-10)

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ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (11-26)
TROUTDALE AIRPORT-Surplus Acft Sales Center - parked Acft.
WOODLAND-RADIO: Soon ident of Woodland FM will be changed to two dots, four dashes. (12-19)

PENNSYLVANIA

ALLENTOWN-BETHLEHEM ARPT (ALLENTOWN)-Areas off rnwys soft in wet weather. Floodlgts rnwys 9, 14, 18 inop. 160' stack under const 2 mi SW lgtd. (12-15)
BARRETT ARPT (CANADENSIS)-CLOSED (const) (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is notunder const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
**BENEDICT ARPT (CHESTER)-Lat 39-51-00 long 75-29-30 (12-9) See page 77.
BETHLEHEM-EASTON ARPT (EASTON) Right traffic when taking off to SW W and NW (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (12-5)
BROOKVILLE-RADIO: See Special Notice.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (11-27)
CARLISLE AIRPORT-NW/SE strip under const. Use ENE/WSW strip only. (6-11)
CECIL-RADIO: Visual and aural FM signals reported in vicinity of Imperial, Pa. (7-17)
CHAMBERSBURG-High explosives being discharged approx 7 mi NW thru Feb. 5, 1947. daily Mon thru Sat 0800 to 1700 within the following area: N bndry lat. 40-01; S lat 39-59-30; E long. 77-47; W long. 77-49. (8-3)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. (12-10)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. (11-28)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN) Closed during winter months (11-15)
DALEVILLE ARPT-Right traffic used on take-off in the direction of S by SE.
EAST SCRANTON ARPT (SCRANTON)-Emgerg use only. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CPR plans only. Ltd Army facs. Rnwy 32, first 500' Rnwys 23, 27 closed Equip. on fld (12-16).
**GREEN ACRES ARPT (HAZLETON)-New fld. Lat 40-54-00, long. 75-55-30. (12-13) See page 41.
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT (HARRISBURG)-Use rnwys only. (12-5)
JOHNSTOWN AIRPORT Use rnwys only. (7-1)
KAISER FIELD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (5-27)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip mrkd-stay betwen red flags Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd.
★MILLBROOK-RADIO: VHF range comm for cont oper See page 40.
MT. POCONO AIRPORT-SITE 21, BUFFALO NEW YORK-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MOUNT UNION ARPT-Left trafic 600' pattern. Student train. Land according to wind tee S end fld. Wind sock stop hangar. Use rnwys taxi strips only in wet weather. Entire fld usable in dry weather. (12-2).
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport. Aplanes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over Left traffic pattern at 1000'. (8-5)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones R wys 29, 14. Lgtd obsts between Rnwys 29, 32 approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST ARPT (PHILADELPHIA) Avail. radio-equipped acft. Use rnwys only. Equip. on fld intmtly days. Trans pilots must register in Admin Bldg on srvl and deptr. (10-15)
PHILADELPHIA SOUTHWEST ARPT (PHILADELPHIA) RADIO: Lclzr, middle and outer mrkrd of CAA ILS on 109.9 mcs for test purpose. only temp inop. Transmitter lctd E end E/W rnwy. Ident. "PG". (12-31) FLD: Closed to non-radio-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (10-8)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. (12-11)
PITTSBURGH-BETTIS ARPT (PITTSBURGH)-Right traffic on NE and NW rnwys. (11-30
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone stop hangar for wind direction only. (11-27)
READING ARPT-RADIO: CAA ILS comm Oct 9 on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld.days. Right traffic on Rnwys 13 and 18. Obst lgts stop lclzr bldg N end N S rnwy inop. Neon approach lgts inop. (1-5)
SMILIN'JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)
STAR VALLEY ARPK (CHARLEROI) Equip. on strip intmtly. Unusable in wet weather. (11-22)
SUNBURY-RADIO: See Special Notice.
SWATARA VALLEY ARPT (PINE GROVE) Right traffic for W take-offs and landings
VALLEY FORGE AIRPORT (NORRISTOWN)-E/W NE/SW strips avail. NW/SE under const On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (5-29)
VANDERGRIFT ARPT-Being repaired - use only center of strips. (4-25)
WEST CHESTER ARPT-Strips under const. (4-15)
WILKES BARRE-RADIO: See Special Notice. Soon courses will be realigned to 68°, 180°, 271°, 360°. (12-24)
WILKES-BARRE-WYOMING VALLEY ARPT (WILKES-BARRE)-Use runwys only. (11-14)
WILLIAMSPORT ARPT-Closed ngts. Avail. emerg landings only. (10-4)
WILLOW GROVE NAS-Closed ngts. Equip. sides all rnwys days-lgts being installed. IFR inbound flights will be accepted daylgt hrs but no IFR out-bound flights may be made. (9-16)
WINGS FLD (AMBLER)-NW/SE rnwy unusable (plowed up). Hangar const S side fld. Fld being graded mrkd days. (9-14).

RHODE ISLAND

CHARLESTOWN NAAS-Const. Low Alt formation break-up. Use ctn below 1000' Alts. Equip on RNwy 4-22.
GREENE, THEODORE FRANCIS, ARPT (PROVIDENCE)-Use rnwys only. Turf channels avel. lcl instruction purposes only. (12-10)
PROVIDENCE-RADIO: See Special Notice.

SOUTH CAROLINA

CHARLESTON MUN. ARPT-Use rnwys only.
CLARK FLD (CHARLESTON)-Strips rough. (4-19)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). (12-5).

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GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)
GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-radio equipped acft watch twr for landing direction. Occasional heavy glider traffic. (12-12)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH. FLD: Ltd army svcg 0800 to 1800. Ltd parking space. (12-23)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (11-7)
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-RADIO: Soon, DT fac of CAA range will be relctd at Lexington Co. Arpt. (12-7). FLD: Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (12-5)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
SHAW FLD (SUMTER)-No 73,91 oct. (12-11)
WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flight plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

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ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld.
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (11-15)
PHILIP-RADIO: See Special Notice.
PIERRE ARPT-Tetrahedron unreliable. (12-5)
**RAPID CITY-Aerial gunnery range has been estab. approx 35 mi SE within the following described area: N bndry lat 43-41-00; E bndry long. 102-01; S bndry lat 43-30-00; W bndry long. 102-50.
★RAPID CITY AAB-RADIO: Army air to ground stn now in cont oper on 4765,2936 4630 kcs., 137.88,116.1,140.58 mcs voice,4595,8200 kcs CW. (1-3). Army ILS temp suspended. (1-3) FLD: No svcg or opers 1900 to 0700 daily. (10-9)
**SIOUX FALLS ARPT-Rnwy ctc lgts oper cont during hrs of darkness.(12-24) (29) Use rnwys only. Tetrahedron rmvd. Obst lgts atop 266' Cathedral spires 1-3/4 mi SSE inop. (12-9)
SPEARFISH-RADIO: See Special Notice.
**WATERTOWN ARPT-Green rnwy range lgts installed, NW/SE rnwy equipped with 4 green lgts each end, N/S rnwy equipped with 3 green lgts each end. (12-18). Two holes each edge NW/SE rnwy 1500' from NW end, mrkd. Equip. on fld days. (1-2). These data rcvd too late for symbol.
W. W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Blinding 30 million candle pwr ceilometer 1000' NW bcn. (9-27)

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BEACHVILLE, BCN SITE 63, DL-LV-Will be comm at new lctn soon. (10-18)
BERRY FLD (NASHVILLE)-Use rnwys only-rnwy, taxiway shoulders soft. Neon approach lgts inop. (12-20)
CHATTANOOGA ARPT-LOVELL FLD (CHATTANOOGA)-Intmt dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (9-25)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)
CUMBERLAND FLD (NASHVILLE)-Strips under const. (
EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only-parked acft.
JACKS CREEK INT, SITE 53, DL-LV-Soft (1-3)

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KNOXVILLE-McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (10-3)
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoi. using after heavy rains and thaws. (11-26)
McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.
★MEMPHIS ARPT-RADIO: Jan 1, low pwrd range decomm. Middle and outer mrkrs of CAA ILS shut down until approx Jan 27. (12-28) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH At such times, traffic will be controlled by lgt gun signal from lctn atop term bldgs on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA inspector. Student instruction in private acft not permitted. (11-23)
MEMPHIS NAS-CLOSED NGTS EXCEPT IN EMERG. Flight plans should be addressed to "MEMPHIS NAVY". Ngt flying in 5 mi radius up to 2500'. Exten flight opers in 15 mi radius. Traffic left at 1000'. Resurfacing Rnwys, mats. Red rot. bcn indicates IFR. (8-6)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (6-25)
TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0800 to 2100. Lgt gun. only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)

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ABILENE-RADIO: Effective Dec 29 stn guards 3117.5 kcs. 2300 to 0700.
ABILENE AAF-Temp inactive-no facs. (See Special Notice re use).
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (9-3)
★ALICE-RADIO: Dec 18, rdo rcvg watches, weather reporting and teletype facs discont. Range will continue to oper without voice fac.
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (10-20)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only-parked acft. Soft soft after rain. Wind tee rmvd. Wind socks on N and S hangars. (6-3)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (11-22)
ASHERTON ARPT-High brush-use strips with ctn. (6-11)
AUSTIN-RADIO: Range flight-checked, courses correctly aligned, break in stn lctn mrkr lgt pattern. (5-23). Effective Dec 29, stn guards 3117.5 kcs 2300 to 0700.
AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft). (9-23)
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS avail. on req for practice flights only. (1-6) FLD: NE/SW rnwy closed. Unlgtd 20' lclsr truck and antenna 1500' on an extended center line from N end Rnwy 17L. (11-7)
BIGGS FLD (EL PASO)-RADIO: Army ILS (CAA type) temp inop. (1-3) FLD: See notice under White Sands Proving Ground, N.M. (12-26).
★BIG SPRING ARPT-RADIO: CAA twr will continue 24 hr oper. (12-28). Guards 3105,4495,6210,3117.5 kcs., 126.18,118.5,122.5 mcs. (1-6). These data rcvd too late for ANRA.
**BROWNWOOD ARPT-1 mi S ABANDONED. (12-21). See page 116.
BRUCE FLD (BALLINGER)-Use rnwys only-park 3 acft.
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. (12-27)
CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12, lctd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CM" (- . - . - -). Visual courses. 53°, 233°; aural courses: 323°, 143°. (7-25)

★CLARENDON-RADIO: Dec 18, rdo rcvg watches, weather reporting, and teletype service discont. Range will continue to oper without voice fac.
CLEVELAND-RADIO: Exper VHF range temp inop. (10-15)
CLIFF MAUS FID (CORPUS CHRISTI)-Use rnwys only during wet weather. (9-12)
**COMBS FID (MARATHON)-Formerly Marathon Arpt. 0.7 mi SE; RR and hwy N. Lat 30-11-30, long. 103-14-15. Elev. 4100'. 4 strips: 2650 x 100'. 80 oct and sto. (12-20) See Page 87.
**COMMERCIAL ARPT (ODESSA)-1.9 E ABANDONED Jan 1, 1947. See Page 92.
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings should be made within orange cone bndrys. Use strips only-parked acft. No svcg or lgts.
EGYPT,BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
EL DORADO ARPT-E/W strip soft in wet weather. (12-6)
ELLINGTON FID (HOUSTON)-RADIO: Army air to ground stn temp inop. (11-20)
FID: Closed to VFR acft except in emerg.
★ENGLISH FID (AMARILLO)-RADIO: Middle and outer mrkrs of CAA ILS shut down for const until approx Jan 14. CAA twr nov guards 3105,4495,6210,3117.5 kcs, 118.5,126.18,122.5 mcs. (1-7) FID: Use rnwys, taxi strips only. 175' tank being erected 6 mi WNW (255°) true. 250'derrick being used during const, lgtd. (11-14)
FAIRCHILDS, BCN SITE 16, ZN-HU-Soon will be perm discont. (12-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
FORT WORTH AAF-E/W rnwy closed. 40' trees immediate end Rnwy 35L.(12-20)'
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FID (SHERMAN)-Use rnwys only.
GIBBS FID (FORT STOCKTON)-Use rnwys only - parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (12-5)
GOODFELLOW FID (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Radio 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Radio. Local inst acft using range. Ltd parking, svcg facs.(10-16)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT EXCEPT PTs. Ngt train. within gliding range from sunset to midngt at alts to 2000' above terrain.(7-1)
GUTHRIE-RADIO: VHF range will be comm soon at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH" Visual courses: 72°,252°;aural courses: 162°, 342°. (12-9)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HEARNE BCN SITE 15, GS-WC-Bcn inop. (5-16)
HENSLEY FID (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FID (FT. WORTH)-Use strips only - parked acft. (4-25)
HITCHCOCK NAF-LTA-RADIO: 6390 kcs transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Radio for ngt landings. (5-12)
HOUSTON ARPT-Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (12-31)
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°, aural courses: 38°, 218°. (12-9)
KELLY FID (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W Rnwy 14-32. (9-17)
KENDLETON, BCN SITE 14, ZN-HU-Soon will be perm discont. (12-12)
LAMESA FID-Gov't owned acft parked W half fld. Use rnwys only. (6-6)
LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information. (12-14)

LAUGHLIN FID (DEL RIO)-Closed-emerg use only.
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FID (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (11-15)
MAJORS FID (GREENVILLE)-Bcn inop. (11-26)
★MEACHAM FID (FT. WORTH)-RADIO: CAA ILS flgt-checkd and comm Dec 23. See Page 97. FID: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL 9100' N of N end N/S rnwy on extended centerline directly on loknr course. (12-31)
MIDLAND ARPT NO. 2-Fire and crash equip., svcg avail. 0800 to 2000 Mon thru Fri. only. (11-25)
MINERAL WELLS ARPT, new-Use rnwys, taxi strips only, graded areas unsafe. (7-15)
**MONTGOMERY COUNTY ARPK (CONROE)-Bcn, rnwy etc, obst lgts. No flood lgts. Ltd tetrahedron. Rnwy lgts on prior req or by circling fld. (12-5) See Page 117.
MONTGOMERY CO ARPK (CONROE)-Avail. only acft equipped with landing lgts. (12-5)
★NAVASOTA-RADIO: Dec 18, CAA commun stn, rdo rcvg watches, weather reporting, teletype service and all rdo range facs decomm.
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE ARPT-NE/SW, NW/SE strips under const. Use only E/W strip. Fld flooded after rains. (7-10)
★PALACIOS-RADIO: Dec 18, rdo rcvg watches, weather reporting and teletype services discont. Range will continue to oper without voice fac.
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (10-21)
PAMPA ARPT-Hangars being const along N/S hangar line parallel to N/S strip. (10-18)
★PERRIN FID (SHERMAN)-RADIO: Army twr discont.Dec. 27. FID: Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
PIOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (11-6)
RANDOLPH FID (SAN ANTONIO)-Trans acft use E side fld. (10-16)
RAYMONDVILLE INT, SITE 5, JI-FV-Lgt acft use ctn-gopher holes. (11-28)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Bldg 300' E, 700' S of N end Rnwy 17-35 lgtd. Civil. acft may be cleared thru this arpt for foreign flgts. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. (12-17)
**ROBERT MUELLER ARPT (AUSTIN)-RADIO: CAA twr nov guards 3105,4495,6210,3117.5 kcs, 118.7,126.18,122.5 mcs. These data rcvd too late for AMRA. (1-6)
FID: 198' twr of Rdo Stn KTBC, 2.2 mi NW perm dismantled. (12-17) Acft landing or taking off on Rnwy 34R use rgt traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. (12-24)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (8-1)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Rdo Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A. T. C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Twr.

TEXAS

★SAN ANTONIO ARPT-ALAMO FLD (SAN ANTONIO)-RADIO: CAA twr now guards 3105, 4495,6210,3117.5 kcs, 126.18,118.5,122.5 mcs. These data rcvd too late for ANRA. Middle and outer mrkrs of CAA ILS shut down Dec 16 for approx two wks (const). (12-16) FLD: Ltd svcg. Closed ngts to all civil acft except scheduled airlines. (10-17)

SAN BENITO INT, SITE 2, JI-FV-Hangar under const 200' NE bcn twr and 200' N Opers Office, mrkd. (10-28)

SAN MARCOS AAF-Ctn-Helicopter and liaison pilot training. (10-15)

SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-N/S rnwy W of fld rstd to acft 200 hp or less. Use rnwys only. Opers open only between 0800 and 1700 daily.

**SOUTH COLEMAN ARPT (COLEMAN)-ABANDONED. (11-26) See Page 116.

SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mcn thru Fri. Svcg, opers avail. 0800 to 2200. Ltd transportation, no housing, messing facs. (12-12)

STINSON FLD (SAN ANTONIO)-RADIO: Soon, twr will be oper by lgt gun during CFR, daylgt hrs only. (11-25) FLD: Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (11-12)

★SULPHUR SPRINGS-RADIO: Dec 18, CAA commun stn, rdo rcvg watches, weather reporting, teletype service and all rdo facs decomm.

TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)

TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt, 0800-1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.

★TYLER-RADIO: SE and NW courses realigned to 304° and 124° respectively. Ground-checked only. (1-2)

**VICTORY ARPT (DALLAS)-ABANDONED. (12-30)

VICTORY FLD (VERNON)-Use rnwys only (parked acft). Avail. days only. (12-30)

VIENNA, BCN SITE 10, ZM-HU-Soon will be perm discont. (12-12)

WEATHERFORD ARPT-Use only N end fld-strips under const. Closed to heavy acft. (12-9)

WHITE FLD (BRADY)-CLOSED. (8-7)

★YOAKUM-RADIO: Dec 18, CAA commun stn, weather reporting service discont. H fac will continue to oper without voice.

UTAH

BRYCE CANYON-RADIO: 116.1 mc transmitter and rcvr, 131.7 mc rcvr and 111.1 mc transmitter temp inop. (10-2)

DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)

ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (10-23)

HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7,129.7 mc rcvr temp inop. Stn unmanned from 2200 to 0600. (12-21)

★HILL FLD (OGDEN)-RADIO: Army air to ground stn oper on 4765,2862,4697.5 kcs, voice; 8200,4595 kcs CW, 116.1,140.58 mcs. 137.88 mc voice freq temp inop. Army twr now guards 3105,4495,6210,3117.5,4220 kcs, 126.18 mcs. These data rcvd too late for inclusion in "ANRA"

MILFORD ARPT, SITE 45, LA-SL-Lgtd bldgs being const 300' N of bcn twr E side fld. Unlgtd bldgs SE corner fld S of and adj to bcn twr. Equip. on fld. Trench being dug across taxiway to hangar, mrkd. (12-19)

PROVO ARPT-Soft shoulders. Fld lgts avail. on req. (12-30)

SALT LAKE ARPT NO. 2 (SALT LAKE CITY)-Use rnwys, taxiways only, shoulders soft. (6-5)

SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)

SALT LAKE CITY ARPT NO. 1-RADIO: Lclzr of ILS oper without voice. (12-18) FLD: Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (12-26)

WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See Chart 23.

WENDOVER FLD-Opers inop 1700 to 0730. No svcg 2000 to 0730. Fld lgts avail. only on adv req. Obst lgts on mtn N of fld inop.

VERMONT

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)

BURLINGTON ARPT-Use rnwys only (12-3)

MONTPELIER-RADIO: See Special Notice.

VIRGINIA

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (5-24)

ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (5-23)

CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)

CHINCOTEAGUE NAAS-Closed 1700 to 0800 except in emerg or on req with 2 hrs notice. Bcn operates all ngt except during lcl ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. (9-5)

CHINCOTEAGUE (WALLOPS ISLAND)-Airplanes prohibited in vicinity of Wallops Island and area 20 mi E to seaward. (12-19)

COLONIAL BEACH ARPT-CLOSED (wet - high grass). (8-9)

**CUMBERLAND ARPT (PORTSMOUTH)-New fld. Lat 36-43-30, long. 76-21-30. (12-18) See Page 140.

DAHLGREN NAF PROVING GROUNDS-CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D. C.; Patuxent River, Md; Norfolk, Va; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif; NAF Torpedo Stn, Newport, R. I.; Naval Acft Factory, Philadelphia, Pa.; Cherry Point MCAS, S C, Quantico MCAS, Va; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. 1 rnwy closed. Equip. on fld. Only 1 rnwy avail. ngts. (8-28)

DANVILLE-RADIO: See Special Notice.

DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. (11-22)

EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)

FENTRESS NAAS-Use in emerg only (caretaker status - no facs).

HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (6-14)

HOPEWELL ARPT SE portion under const. Equip. on fld. (6-7)

HYBLA VALLEY ARPT (ALEXANDRIA)-Surplus Acft Sales Center - parked acft.

LANGLEY FLD-RADIO: N course of Army range swinging 5°W, bear. 167°. FLD: Rnwy 2-20 closed. Rnwy 12-30 closed ngts. (10-28)

LOVING FLD-SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (12-31)

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facs).

MT. VERNON-See Special Notice under District of Columbia.

NORFOLK-RADIO: VHF range comm for TEST PURPOSES ONLY is now temp inop. Ltd at lat 36-48-18, long. 76-12-06. Ident. "NW". Freq 108.7 mcs. Visual courses: 20° 15', 200° 15'. Aural courses: 110° 15', 290° 15'. Class: VARW. Aligned by ground check only. (12-28)

NORFOLK ARPT-205' twrs rdo stn WLOW erected 8 mi WSW (257°) true at lat 36-52, long. 76-21, temp lgtd. (1-2)

NORFOLK NAS-EAST FLD-Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flgts proceeding in accordance with IFR to NAS Norfolk, shall establish rdo cte with twr at NAAS Chincoteague, Va., for further clearance instructions from Navy Norfolk. Pilots on Northbound coastal

flgts proceeding in accordance with IFR to NAS Norfolk shall establish rdo ctc with Navy Weeksville Rdo, NAS (LTA) Weeksville, Elizabeth City, N.C, for further clearance and instructions from Navy Norfolk. Equip. on fld. (7-22)

OCEANA NAAS-Rnwys, taxi strips under const. Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Essential mil flgts accepted anytime on prior notification. (9-26)

ORANGE CO ARPT-Strips muddy in wet weather. (12-29)

PETERSBURG ARPT-CLOSED (const). (8-2)

PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only. Pwr line extension of 2 poles approx 3200' NW of W end E/W rnwy and 3 poles approx 3600 to 3800' W of W end E/W rnwy, unlgtd. (12-3)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)

RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse this fld with the Richmond AAB.

RICHMOND AAB-Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without estab. rdo commun. with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (8-7)

SHENANDOAH ARPT-N/S strip under const. (10-28)'

**STOKES ARPT (FRONT ROYAL)-149' FM twr of Rdo Stn WINC. comm 10.5 mi ENE (77°) true, at lat 38-57-25, long. 78-01-26, 1000' SSE of Linden Bcn Site 35, CC-WA, obst lgtd at top, 100', 50' levels. (12-4)

UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (10-18)

VALLEY ARPT (WAYNESBORO)-Ctn when wet. (12-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Rdo or circle fld before landing. (6-7)

WASHINGTON

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco particularly hazardous-all flgts avoid. (See Spokane Flgt Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).

ARLINGTON NAAS-Use in emerg only (caretaker status - no facs).

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. (10-28)

CLE ELUM ARPT-Equip. on fld days. Use taxi strip N of and parallel to rnwy for landings. (10-28)

COLVILLE ARPT-NW/SE strip closed. (11-6)

CONNELL ARPT-18" grass and weeds on fld. (7-17)

COUPEVILLE OLF-Closed except in emerg. Training use requires 24 hrs adv. notice thru Whidbey Island NAS. (9-11)

DOROTHY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)

EASTON INT, SITE 5B, SA-HL-CLOSED (snov). (11-22)

EASTON RIDGE, BCN SITE 57, SA-HL-Bcn inop. (10-17)

EPHRATA ARPT-Loose cattle on fld. (10-7)

FAIRWEATHER FID (REPUBLIC)-Soft. Cattle on fld. (7-17)

FELTS FID (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. (12-13)

HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment. (7-1)

KEMMORE ARPT (BOTHELL)-Avail. emerg use only - cattle. (9-10)

KING CO. ARPT-BOEING FID (SEATTLE)-Use rnwys, taxi strips only. Equip. adj. Rnwy 13-31. Lgt acft graded strip between main rnwy and E taxiway closed avoid mrkrs this area. (12-27)

LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED. (4-26)

MARTIN FID (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)

McCHORD FID (TACOMA)-RADIO: Army ILS (CAA type) temp inop. (6-12) FID: Use rnwys, taxiways only. Equip. on fld. (12-11)

MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (10-1)

OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn lcl and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)

PAINE FID (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt mgr. or CAA commun stn. (12-9)

PASCO-See Special Notice (first item under state heading).

PASCO NAS-Use in emerg only (caretaker status - no facs).

PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)

RICHLAND AIR BASE-NW/SE strip under const. (8-19)

Rosalia MUN. ARPT-12" grass and weeds. (7-16)

SAVAGE FID (CHENEY)-Moderate soil erosion intmtly. (9-14)

SEATTLE-All acft advised not to fly below or near blimps in Puget Sound area.

**SEATTLE NAS-Inst approach lgting sys with high intensity lgts installed. (12-24). See Page 141. Single-engine acft approach stn from Kirkland at 1000' alt. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. (11-26)

SEATTLE-TACOMA ARPT (SEATTLE)-RADIO: ILS emits lclzr signals on 110.3 mcs, bndry and outer mrkr signals on 75 mcs cont. These signals may at times be spurious and are not to be relied upon for any purpose. (10-8) FID: Equip on fld days. Const approx 20' N of N end NW/SE rnwy. (8-22)

SPOKANE RADIO: VHF voice fac will be comm at commun stn about Jan 17. Will transmit on and guard 116.1 mcs cont. (1-4)

SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)

SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)

TOLEDO INT, SITE 63B, SF-SA-Use strips only-sodded portions soft. (11-18)

WALLA WALLA AAF-All blinker lgts on mtns E of fld inop. Twr, bndry lgts inop.

WESTPORT ARPT-Driftwood on fld after extremely high tides. (7-21)

WHIDBEY ISLAND NAS-AULT FID (WHIDBEY ISLAND)-Bcn opers on IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. Tetrahedron lgts inop. (12-12)

WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)

YAKIMA CO ARPT (YAKIMA)-RADIO: Soon twr voice and rcvg facs will be shut down (const), concurrently traffic controlled by lgt signals only. FID: Use rnwys, taxiways only-graded areas soft, rough. (11-18)

WEST INDIES

TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

WEST VIRGINIA

ELKINS ARPT-Contact Elkins Rdo or circle fld before landing. (7-16)

LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (6-4)

MORGANTOWN-RADIO: Dec 9, courses realigned to: 36°,140°,216°,320°. This corrects Airgi Vol. 1, No. 20.

WEST VIRGINIA

SCOTT FLD (BECKLEY)-Use right traffic on N course. (12-31)
••WHEELING OHIO COUNTY ARPT (WHEELING)-36" rot bcn showing clear and green operated ngtly from sunset to sunrise, identifies and is mounted 51' above ground at N side of arpt where fld lgts oper sunset to sunrise. (12-13)

WISCONSIN

••CAMP Mc COY-Danger area has been redefined as follows: N bndry lat 44-09-37 E bndry long 90-35-00, S bndry lat 43-54-00, W bndry long 90-46-00
CHAPLIN'S ARPK (PLYMOUTH)-NE/SW, NW/SE strips under const. (10-21)
CLINTONVILLE ARPT-Use strips only. (6-7)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN; ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)
••GENERAL MITCHELL FLD (MILWAUKEE)-155' chimney 1.5 mi E, lgting perm discont. (1-2) Equip. on fld days. Right turn procedure rsid to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)
GINNOW AIRPORT (OMRO)-Use strips only. (6-7)
••GREEN LAKE ARPT-New fld. 43-50, long 89-02 (12-13) See pages 16 and 33.
KENOSHA AIRPORT-Only N bank floodlgts avail. on req. (6-10)
LA CROSSE ARPT-Use rnwys only. (9-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-Snow fence erected 50' W of E bndry entire length of fld. E bndry lgts moved in to snow fence. (11-8)
MOREY AIRPORT (MADISON)-Equip. on fld - portions under const. marked. (4-28)
PLATTE AIRPORT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Equip on fld. (8-10)
SHAWANO ARPT-Use rnwys only. E/W strip under const. (10-8)
SKY HAVEN AIRPORT (MILWAUKEE)-S 1/3 portion N/S strip unusable (washouts). (6-5)
SOLON SPRINGS ARPT-Const.unusable. (10-29)
STEVENS POINT AIRPORT-Use rnwys only. (8-9)
TAYLOR CO. ARPT (MEDFORD)-Avail. in emerg only. Very rough. Maintained for small acft only. (6-6)
TOMAH AIRPORT-N/S strip under const. (7-9)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Fld lgts and svcg not avail. 0030 to 0730.
VETERANS FLD (MENOMONIE)-Rough. (1-2)
WATERTOWN MUN; AIRPORT-N/S strip soft - use W part of sod when wet. (4-10)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. (12-13)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. (1-2)

WYOMING

CASPER AAF-RADIO: Army air to ground stn. temp. inop. (11-20)
CASPER CENTRAL ARPT (CASPER)-NE/SW strip under const. (8-2)
••CHEYENNE ARPT-RADIO: CAA twr now guards 3105, 4495, 6210, 3117.5 kcs., 116.1, 126.18, 122.5 mcs. (1-3) These data rcvd too late for inclusion in "ANRA". FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
••DOUGLAS-RADIO: Stn class: BHVT. (1-8) These data rcvd too late for "ANRA".
JACKSON MUN; ARPT-Cattle on fld intmtly. (5-20)
KNIGHT INT, SITE 6, SL-OH-Soon will be decomm. Bcn will remain in oper as airways bcn with course lgts changed from green to red. (10-20)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Stay on pavement. Equip. on fld. (12-31)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only-bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (10-30)

AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	July 9, 1946	
Albuquerque	Sept. 9, 1946	
Aroostook	June 26, 1946	
Austin	Aug. 11, 1946	
Beaumont	July 25, 1946	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct. 25, 1946
Boston	July 2, 1946	
Burlington	June 24, 1946	
Butte	May 15, 1946	Nov. 6, 1946
Casper	Nov. 7, 1946	
Charlotte	Oct. 25, 1946	
Chattanooga	Oct. 25, 1946	
Cheyenne	Nov. 12, 1946	
Chicago	June 17, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	June 24, 1946	
Corpus Christi	Aug. 6, 1946	
Dallas	Sept. 23, 1946	
Del Rio	Jan. 22, 1946	July 23, 1946
Denver	Sept. 17, 1946	
Des Moines	Dec. 13, 1946	
Detroit	July 11, 1946	
Douglas	July 27, 1946	
Dubuque	Oct. 2, 1945	June 18, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	Nov. 1, 1946	
El Paso	July 25, 1946	
Fargo	May 29, 1946	Nov. 21, 1946
Glacier Park	Oct. 30, 1946	
Grand Canyon	Feb. 19, 1946	Sept. 16, 1946
Grand Junction	Feb. 19, 1946	Sept. 13, 1946
Green Bay	June 12, 1946	Dec. 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Aug. 11, 1946	
Kansas City	Sept. 27, 1946	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
Lake Huron	June 25, 1946	
Lake Superior	June 13, 1946	
Lake of Woods	May 24, 1946	Nov. 19, 1946
Lewiston	July 2, 1946	Dec. 3, 1946
Lincoln	Dec. 3, 1946	
Little Rock	Sept. 27, 1946	
Los Angeles	Aug. 12, 1946	
Miami	Aug. 8, 1946	
Miles City	May 13, 1946	Nov. 12, 1946
Milwaukee	June 16, 1946	
Minot	June 6, 1946	Nov. 19, 1946
Mobile	Aug. 6, 1946	
Mt. Shasta	Oct. 25, 1946	
Mt. Whitney	Aug. 27, 1946	
Nashville	Oct. 13, 1946	
New Orleans	Aug. 6, 1946	
New York	July 2, 1946	
Norfolk	Oct. 23, 1946	
Oklahoma City	Sept. 23, 1946	
Orlando	Aug. 6, 1946	
Phoenix	Aug. 21, 1946	
Pocatello	Nov. 3, 1946	
Portland	Oct. 25, 1946	
Prescott	Mar. 5, 1946	Sept. 3, 1946
Rapid City	Nov. 13, 1946	
Reno	May 17, 1945	Aug. 28, 1946
Roswell	Sept. 16, 1946	
Sacramento	Sept. 9, 1946	
Salina	Sept. 26, 1946	
Salt Lake City	Nov. 7, 1946	
San Antonio	July 30, 1946	
San Diego	Aug. 27, 1946	
San Francisco	Aug. 10, 1946	
Savannah	Oct. 25, 1946	
Seattle	Oct. 23, 1946	
Shreveport	Sept. 16, 1946	
Sioux City	May 31, 1946	Nov. 22, 1946
Spokane	Oct. 23, 1946	
Trinidad	Sept. 16, 1946	
Tulsa	Sept. 27, 1946	
Twin Cities	May 31, 1946	Dec. 6, 1946
Washington, D.C.	Oct. 22, 1946	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

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WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	July 13, 1946	WAC 364	Aug. 11, 1946	WAC 467	Aug. 6, 1946
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Aug. 6, 1946	WAC 404	Aug. 26, 1946	WAC 468	July 30, 1946
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Aug. 28, 1946	WAC 469	July 25, 1946
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	July 17, 1946
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	July 15, 1946
WAC 262	June 26, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	July 29, 1946
WAC 263	June 18, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Aug. 8, 1946
WAC 264	July 10, 1946	WAC 307	June 6, 1946	WAC 362	Aug. 29, 1946	WAC 410	Oct. 13, 1946		
WAC 265	June 12, 1946	WAC 308	June 12, 1946	WAC 363	Aug. 11, 1946	WAC 466	Aug. 10, 1946		

RADIO DIRECTION FINDING

21-DF	July 8, 1946	23-DF	Sept. 6, 1946	25-DF	Oct. 6, 1946
22-DF	July 22, 1946	24-DF	May 14, 1946	26-DF	Oct. 30, 1946

LOCAL

Brownsville	July 8, 1946	New York & Vicinity	Aug. 6, 1946
Los Angeles	Sept. 13, 1946	San Diego	Aug. 20, 1946
Miami	July 3, 1946	Seattle	Nov. 28, 1946
		Washington	Nov. 7, 1946

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	WAC 77	Mar. 1946	WAC 118	July 1946	WAC 136	May 1946	WAC 139	Mar. 1946	WAC 191	Apr. 1946
WAC 63	May 1946	WAC 78	Mar. 1946	WAC 119	Jan. 1946	WAC 137	Mar. 1946	WAC 186	Mar. 1946	WAC 192	Mar. 1946
WAC 64	Mar. 1946	WAC 117	Aug. 1946	WAC 135	Mar. 1946	WAC 138	May 1946	WAC 190	Apr. 1946	WAC 193	Mar. 1946
WAC 76	May 1946								

FLIGHT

FC 3	July 9, 1946	FC 14	Feb., 1945	FC 178	Nov. 13, 1946	FC 214	May 31, 1945	FC 225	June 7, 1945
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	July 11, 1946	FC 216	Oct. 26, 1946	FC 226	June 13, 1946
FC 6	Oct., 1945	FC 16	Aug. 6, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Sept. 12, 1945
FC 7	Aug. 6, 1946	FC 42	May 15, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Aug. 1, 1945
FC 8	Sept. 17, 1946	FC 43	May 31, 1946	FC 184	Oct. 12, 1946	FC 219	Sept. 6, 1946	FC 229	July 9, 1946
FC 9	Sept. 17, 1946	FC 173	May 24, 1946	FC 185	May 31, 1946	FC 220	Sept. 11, 1946	FC 230	July 30, 1946
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Aug. 17, 1946	FC 221	May 31, 1946	FC 231	July 22, 1946
FC 11	July 9, 1946	FC 175	May 31, 1945	FC 187	May 31, 1946	FC 222	May 31, 1946	FC 232	Sept. 10, 1946
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(OVER)

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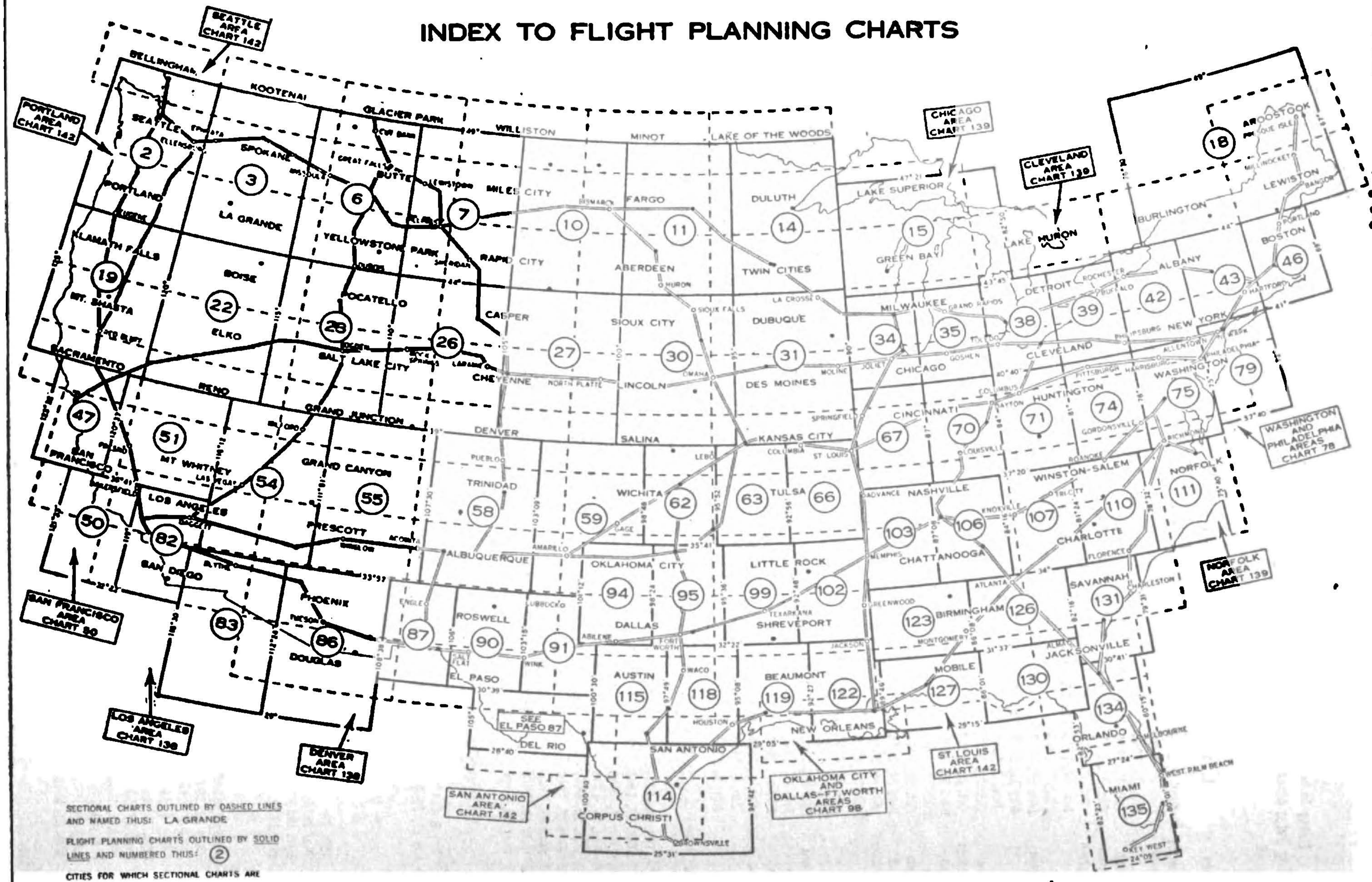

SECTIONAL CHARTS OUTLINED BY DASHED LINES AND NAMED THUS: LA GRANDE

FLIGHT PLANNING CHARTS OUTLINED BY SOLID LINES AND NUMBERED THUS: (2)

CITIES FOR WHICH SECTIONAL CHARTS ARE NAMED INDICATED THUS: ●

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AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 1, NO. 22.. JANUARY 21, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

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Monroe (43)
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(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Burlington (31)
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Earlham (31)
Eldora (31)
Elkader (31)
Emmetsburg (31)
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Floyd (31)
Fort Dodge (31)
Garner (31)
Glenwood (30)
Grimes (31)
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Grand Mound (31)
Grundy Center (31)
Guthrie Center (31)
Hancock (30)
Harlan (30)
Ida Grove (30)
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Iowa Falls (31)
Jefferson (31)
Keokuk (31)
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Le Mars (30)
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Melbourne (31)
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New Ulm (14)
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Owatonna (14)
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Pipestone (30)
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St. Paul (14)
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Vichy (66)
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Bozeman (6)
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Cascade (6)
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Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer (7)
Cut Bank (6)
Deer Lodge (6)
Dell (6)
Denton (7)
Dillon (6)
Drummond (6)
Ennis (6)•
Eureka (3)
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Harlem (7)
Harlowton (7)
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Huson (6)•
Ingomar (7)•
Jordan (7)•
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(66)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Shelby (6)
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Tampico (7)
Thompson Falls (5)
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Twin Bridges (6)
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White Sulphur Spgs. (6)
Whitetail (6)
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Chappell (27)
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David City (30)
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Elgin (30)
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New River (111)
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Pollocksville (111)
Pope (110)
Raeford (110)
Raleigh (110)
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Roanoke Rapids (111)
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Wallace (111)
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Weeksville (111)
West Jefferson (107)
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Winston-Salem (110)
Yanceyville (110)
Zebulon (111)

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Beach (10)
Bismarck (10)
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Golva (10)
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Jamestown (11)
Judson (10)
Killdeer (10)
Langdon (11)
Lisbon (11)
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Mohall (10)
Mott (10)
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New Rockford (11)
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Pembina (11)
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Bryan (38)
Bucyrus (38)
Cambridge (71)
Canton (38)
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Chardon (139)
Cherry Fork (71)
Chesapeake (71)
Chillicothe (71)
Cincinnati (70)
Cleveland (139)
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Crooksville (71)
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New Philadelphia (71)

(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Antlers (98)
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Buffalo (59)
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Cherokee (62)

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Cushing (62)
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Dill (64)
Duncan (95)
Durant (95)
Edmond (62)
Elk City (94)
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Enid (62)
Erick (94)
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Geary (98)
Grandfield (94)
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Guthrie (62)
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Hinton (98)
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Idabel (99)
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Enterprise (3)
Eugene (2)
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Hillsboro (142)
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Joseph (3)
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Madras (2)
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Milton (3)
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Redmond (2)
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Rome (22)
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Tillamook (2)
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Harrison (74)
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Johnstown (74)
Johnsville (78)
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Pottsville (75)
Punxsutawney (39)
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Vandergrift (74)
Wallaceton (39)
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Faulkton (11)
Flandreau (11)
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(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Roosevelt (26)
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Everett (2)
Forks (2)*
Geiger (3)
Goldendale (2)*
Harrington (3)
Hobart (2)
Huntsville (3)
Ilwaco (2)
Issaquah (142)
Kelso (2)
Kennewick (3)
Kent (142)
King Co-Boeing (142)
Kittitas (2)
La Crosse (3)
Lakeview (3)
Lind (3)
McChord (142)
Mead (3)
Metaline Falls (3)*
Moses Lake (3)
Mt. Vernon (3)
Neah Bay (2)
Newport (3)
North Bend (2)
Okanogan (3)
Olympia (2)
Omak (3)
Opportunity (3)
Orchards (142)
Oroville (3)
Pasco (3)
Pateros (3)
Port Angeles (2)
Port Orchard (2)
Port Townsend (2)
Prosser (3)
Pullman (3)
Puyallup (142)
Quillayute (2)
Randle (2)*
Renton (142)
Republic (3)*
Ritzville (3)
Rosalia (3)
Seattle (142)
Shelton (2)
Snohomish (2)
Spanaway (142)
Spokane (3)
Sprague (3)
Stevenson (2)
Sunnyside (2)
Tacoma (142)
Toledo (2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (142)
Walla Walla (3)
Washougal (2,142)
Washtucna (3)
Wenatchee (2)
Westport (2)
Whidbey Island (2)
Wilbur (3)
Winthrop (2)
Woodland (2)
Yakima (2)

[redacted]

Beckley (71)
Buckhannon (74)
Bunker Hill (74)
Burlington (74)
Charleston (71)
Clarksburg (74)
Elk Garden (74)
Elkins (74)
Glendale (74)
Greenbrier (74)
Hinton (74)
Hollidays Cove (74)
Huntington (71)
Logan (71)
Marlinton (74)
Martinsburg (75,74)
Moorefield (74)
Morgantown (74)
New Cumberland (74)
Parkersburg (71)
Paynesville (107)
Pence Springs (74)*
Petersburg (74)
Princeton (71)
Ravenswood (71)
Romney (74)
Ronceverte (74)
Spencer (71)
Sutton (74)
Terra Alta (74)
Weston (74)
Wheeling (74)
White Sulphur Spgs. (74)
Williamson (71)
Winfield (71)

[redacted]

Amery (14)
Antigo (15)
Appleton (15)
Arbor-Vitae (15)*
Ashland (14)
Baraboo (34)
Beaver Dam (34)
Black River Falls (14)
Bloomer (14)
Boulder Junction (15)
Boyceville (14)
Brodhead (34)
Camp Douglas (31)
Camp McCoy (31)
Cedarburg (34)
Cheney (3)
Cherek (14)
Chippewa Falls (14)
Clintonville (15)
Colby (14)
Dallas (14)
Darlington (31)
DePere (15)
Durand (14)
Eagle River (15)*
Eau Claire (14)
Elkhorn (34)
Fifield (14)*
Fond du Lac (34,15)
Genesee (34)
Green Bay (15)
Hales Corner (34)
Hayward (14)
Hudson (14)
Janesville (34)
Jefferson (34)
Kenosha (34)
Kohler (15,34)
La Crosse (31)
Ladysmith (14)
Lake Delton (34)
Land O' Lakes (15)
Lone Rock (31)
Madison (34)
Manitowoc (15)
Manitowish (15)
Marshfield (14)
Medford (14)
Menomonie (14)
Merrill (15)*
Milwaukee (34)
Monroe (34)
Neenah (15)
Neillsville (14)
Oconto Falls (15)
Omro (15)
Oshkosh (15,34)
Phillips (14)
Plymouth (15,34)
Portage (34)
Racine (34)
Rhinelander (15)
Rice Lake (14)
Richland (3)
Richland Center (31)
Shullsburg (31)
Shawano (15)
Sparta (31)
Spooner (14)
Stevens Point (15)
Sturgeon Bay (15)
Sturtevant (34)
Superior (14)
Three Lakes (15)
Tomah (31)
Tomahawk (15)*
Truax (34)
Washington Island (15)*
Watertown (34)
Waukesha (34)
Waupaca (15)
Wausau (15)
West Bend (34)
Whitewater (34)
Wisconsin Rapids (15)

[redacted]

Afton (23)

Basin (7)
Big Piney (23)*
Buffalo (7)
Casper (26)
Cheyenne (27)
Cody (7)
Cokeville (23)
Cowley (7)
Douglas (26)
Dull Center (27)
Egbert (27)
Evanston (23)
Fort Bridger (23)
Gillette (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Knight (23)
Lander (26)
Laramie (26)
Lusk (27)
Meadows (27)
Medicine-Bow (26)
Midwest (26)
New Castle (27)
Parkerton (26)
Pine Bluffs (27)
Pinedale (26)
Point of Rocks (26)
Powell (7)
Rawlins (26)
Riverton (26)
Rock Springs (26)
Saratoga (26)
Sheridan (7)
Silver Crown (26)
Sinclair (26)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross (7)
Wamsutter (26)
Wheatland (27)
Worland (26)

(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

Pulaski,Wisc.(15)Green Lake,Wisc.(15,34)

DIGEST OF AIR TRAFFIC CONTROL PROCEDURES

This digest is prepared expecially for the use of pilots operating within control areas, airport approach zones and airport traffic zones. For detailed information, see Civil Aeronautics Administration Manual 60, AAF Regulation 60-16, and pertinent Navy Publications.

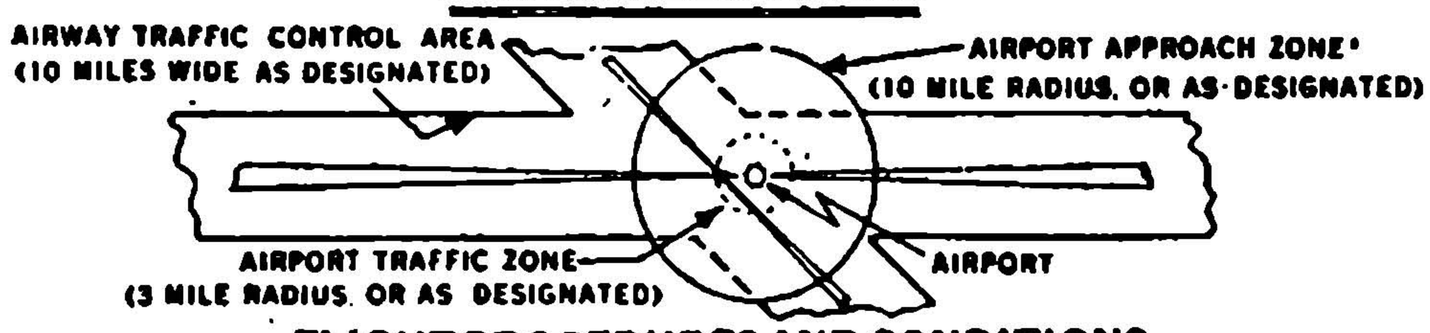
CONTACT FLIGHT RULES WEATHER MINIMUMS

	Inside Airport Traffic Zone (3-mile radius)	Inside Control Area (but outside of Airport Traffic Zones)	Elsewhere
Flights at altitudes of more than 700 feet above surface	500 feet vertically, 2000 feet horizontally from all clouds* - 3 miles visibility*	500 ft. vertically, 2000 ft. horizontally from all clouds-3 miles visibility (or 1 mi. with traffic clearance)	500 feet vertically, 2000 feet horizontally from all clouds 1 mile visibility
Flights at altitudes of 700 feet or less above surface	500 feet vertically, 2000 feet horizontally from all clouds* - 3 miles visibility*	Clear of clouds ** 1 mile visibility	Clear of clouds ** 1 mile visibility

*If traffic conditions permit, a control tower or control center will issue a traffic clearance when the minimums are less than those specified, but under this provision the flight must remain clear of clouds.

**In airport approach zones flights must remain 500 feet vertically and 2000 feet horizontally from all clouds unless a center or tower issues a traffic clearance for flight "clear of clouds"

CONTROLLED AREAS



FLIGHT PROCEDURES AND CONDITIONS

The types of flight plans and conditions under which aircraft may be operated are summarized as follows:

CONTACT FLIGHT RULE (CFR)- Aircraft must be flown in weather conditions equal to or better than those outlined in the weather minima chart without benefit of reductions authorized by a traffic clearance. No flight plan or communication contacts are necessary other than as required by an airport traffic control tower for regulation of local airport traffic.

CONTACT FLIGHT RULE-CONTROLLED- Aircraft may be operated in weather conditions lower than the basic weather minima within control areas, airport approach zones, and airport traffic zones, providing the pilot files flight plan specifying the route to be flown with an airway traffic control center or airport traffic control tower, he receives a traffic clearance and he complies with all conditions stipulated in the clearance. Communication contacts and position reports may be required by Air Traffic Control for this type of flight, as traffic control separation will be afforded aircraft on the same basis as aircraft operating on an IFR flight plan.

INSTRUMENT FLIGHT RULE (IFR)- Pilots proposing to operate aircraft in accordance with instrument flight rules are required to: file a complete flight plan with an airway traffic control center or airport traffic control tower and obtain a traffic clearance from the center or tower prior to flight; maintain continuous listening watch on the appropriate radio frequency, and report by radio the time and altitude of passing each designated reporting point. When an aircraft on an IFR flight plan is operating in weather conditions lower than the basic CFR minima a minimum altitude of 1000 feet above the surface must be maintained.

A traffic clearance specifying that a portion of a flight is to be conducted in accordance with contact flight rules (CFR) will require that the pilot maintain without reduction, the basic contact flight rule minima as specified in CAR 60 and assume the responsibility of avoiding other aircraft during the portion of the flight specified. In the event of two way radio failure, a pilot may (1) proceed according to current flight plan, maintaining the minimum safe altitude or the last acknowledged assigned altitude, whichever is higher, to the range station from which approach will be started to the airport of intended landing, and commence descent at approach time last authorized; or if such time has not been received and acknowledged commence descent at the time of arrival specified in the flight plan. Under such conditions a full standard instrument approach should be executed unless a CFR approach is made, or (2) if weather conditions permit, proceed in accordance with CFR; or (3) land as soon as practicable. Normally, if the aircraft is operating in CFR weather conditions at the time the radio failure is discovered, the pilot should proceed in accordance with contact flight rules to the airport of first intended landing or to the nearest suitable airport. If this is not possible, the pilot will proceed according to current flight plan. In order that uniform flight levels will be maintained by all aircraft, the altimeter should always be set to the altimeter setting of the nearest reporting station as the flight proceeds. The altimeter setting is issued by the Weather Bureau, and when placed on the barometric scale of the altimeter, will result in a reading of the elevation above sea level on the height scale of the instrument.

Traffic Clearances: In order to prevent delay to aircraft operating in contact flight rule weather conditions and yet ensure adequate separation when and if instrument flight rule weather conditions are encountered, traffic clearances to pilots filing instrument flight rule (IFR) flight plans may amend such flight plans by requiring flight in accordance with contact flight rules (CFR) for all or a portion of the flight. A traffic clearance will specify the approved altitude followed by the abbreviation "CFR". Upon receipt of such clearance, the pilot will be responsible for avoiding other aircraft while operating in CFR weather conditions and for securing an amended clearance at the specified altitude before IFR weather conditions are encountered. The pilot must remain in CFR weather conditions until the amended clearance is received. For efficient operation, the use of this procedure can only be determined by Air Traffic Control. Pilots, therefore, should not file "altitude/CFR" in any flight plan. "Altitude/CFR" is to be used only in a traffic clearance issued by Air Traffic Control.

N.B. A flight plan is required on all AAF flights except for local flights within a defined local flying area.

Arrival Reports-It should be noted that whenever a flight plan has been filed whether for CFR or IFR operations, an arrival report is required, unless the pilot has stated in the flight plan that such report will not be filed.

Maintenance of Flight Altitudes-Within control areas, aircraft should be flown at even or odd thousand-foot levels above sea level depending upon the direction of flight as indicated by odd or even minimum altitudes shown on Flight Planning Charts, unless other altitudes are assigned and approved by an airway traffic control center.

Cruising altitudes outside of control areas or approach zones shall correspond to the direction of flight as indicated below:

MAGNETIC HEADING	Indicated Altitude (feet above sea level)
0° - 89° inclusive,	odd thousands: 1,000 ft.; 3,000 ft.; etc.
90° - 179° inclusive,	odd thousands plus 500 ft.: 1,500 ft.; 3,500 ft.; etc.
180° - 269° inclusive,	even thousands: 2,000 ft.; 4,000 ft.; etc.
270° - 359° inclusive,	even thousands plus 500 ft.: 2,500 ft.; 4,500 ft.; etc.

AIRPORT TRAFFIC CONTROL PROCEDURES

Aircraft with Two-Way Radio: If operating under contact flight rules, arriving aircraft should establish communication with the control tower when approximately 15 miles from the airport of destination. The tower will issue such instructions as are necessary. Pilots should remain tuned to the tower until the landing is completed and the aircraft parked. If on an instrument flight plan, arriving aircraft should remain on range frequency as long as required for navigational purposes. The control tower should not be contacted until after a clearance "to the tower" has been received and the aircraft is 15 miles or less from the airport and clear of clouds, unless otherwise instructed. The clearance, "Cleared to Blank Tower", is also approval for approach subject to any restrictions or instructions contained in the clearance. This clearance, without any restrictions, is approval to make approach for a landing using whatever type of approach desired by the pilot.

Aircraft with Receiver Only: Remain tuned to the tower at all times when within the airport traffic zone. Acknowledge signals in the daytime by movement of ailerons or rudder on the ground and by rocking wings in the air, & at night by flashing landing light. Clearance from the tower should be received for taxiing, landing and taking-off; however, sufficient movement of the aircraft to attract the attention of the tower is permitted. If tower does not issue radio instructions, watch for light signals as the tower may not realize that the aircraft is equipped with a receiver.

Aircraft without Radio Equipment: Observe the tower for light signals, and acknowledge as above. The light signals are:

VISUAL SIGNALS FROM PORTABLE TRAFFIC SIGNAL LIGHT

Color and Type of Signal	Taxi-ing	Ready for Take-off	In Flight
STEADY GREEN	XXXXXXXXXXXX	Cleared for Take-off	Cleared to Land
FLASHING GREEN	Continue Taxi-ing	XXXXXXXXXXXXX	XXXXXXXXXXXXXXX
STEADY RED	Stop	Clear the Runway Immediately, and Wait	Give Way to Other Aircraft and Continue Circling
FLASHING RED	Return to Hangar Line	Return to Hangar Line	Return and Land
ALTERNATING RED AND GREEN	General Warning Signal - Exercise Extreme Caution		

Traffic and Taxi Patterns have been established at busy airports to illustrate the desired flow of aircraft on the ground and in the air under specified wind conditions. If the traffic pattern is not known, follow other aircraft unless otherwise instructed.

If a pilot does not receive either radio or visual signal from the tower when approaching for a landing, he should make at least one complete circle of the airport conforming to the traffic pattern, and then start approach for a landing. The pilot should be on the alert for a signal from the tower and maintain a watch for other aircraft.

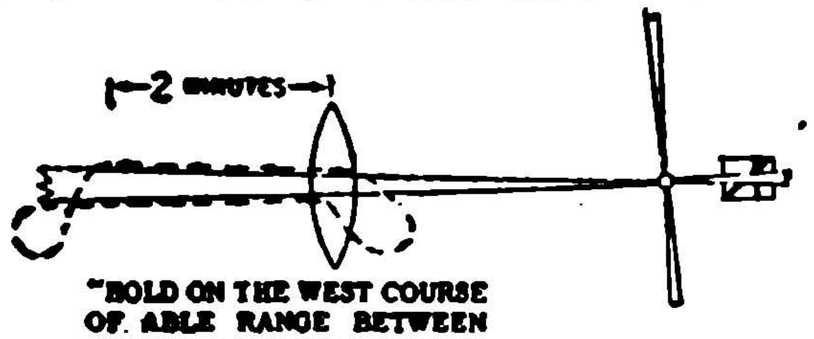
HANDLING OF CFR FLIGHT PLANS, AND ARRIVAL REPORTS

CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. These flight plans are not transmitted to the point of destination but are held in suspense until notice of arrival is received. One hour after the estimated time of arrival, if no notice of arrival is received, queries are sent out over CAA communication systems to determine the location of the aircraft. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. Arrival reports are transmitted over CAA circuits to the station holding the flight plan.

In order to reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

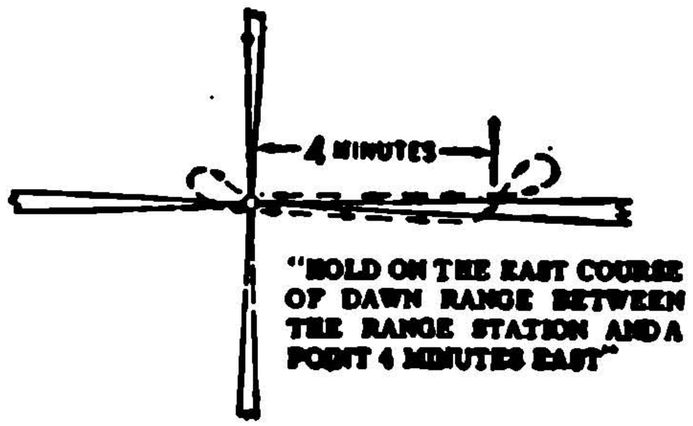
HOLDING PROCEDURES FOLLOWED BY AIRCRAFT AT RADIO FIXES

The standard holding flight path of an aircraft operating on an instrument flight rule flight plan and being held at a radio fix is to follow the right edge of the on-course signal of the specified leg of the appropriate radio range. The aircraft shall hold between the designated holding point and a point 4 minutes' flying time therefrom in the direction specified starting procedure turns at the holding point and a point 4 minutes therefrom. Unless prevented by obstructions or unless otherwise advised by an Airway Traffic Control Center or Civil Aeronautics Administration Airport Traffic Control Tower, the initial turn of a procedure turn shall be made to the left when flying away from the range station and to the right when flying toward the range station. The point to be used as the designated holding point will be identified in the traffic clearance which contains instructions for the aircraft to hold. When holding at an approach control marker, the holding flight path will extend from the specified holding point to a point not to exceed 2 minutes' flying time therefrom in the direction specified. When instructions are received giving the time of departure from the holding point, the pilot may adjust his flight path so as to be able to depart from the marker at the exact time specified.



"HOLD ON THE WEST COURSE OF ABLE RANGE BETWEEN BAKER FAN MARKER AND A POINT 2 MINUTES WEST"

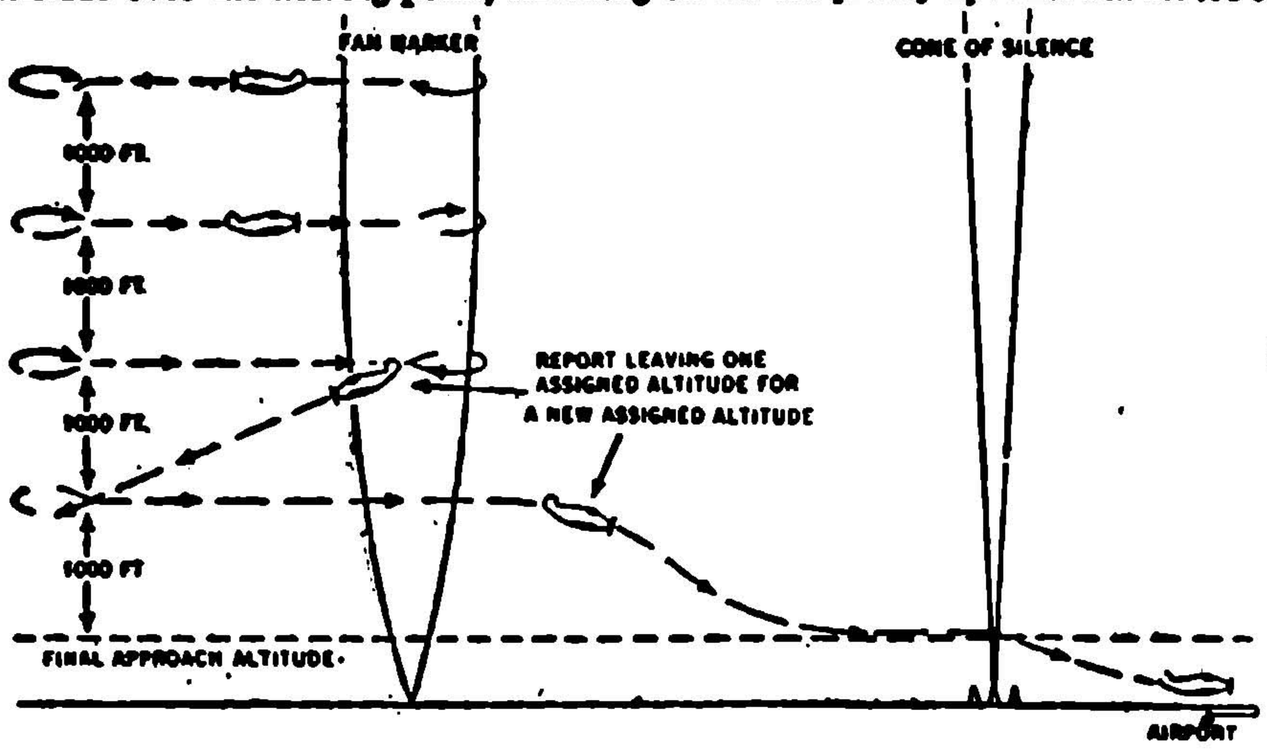
"HOLD ON THE EAST COURSE OF SMITHVILLE RANGE BETWEEN JASON INTERSECTION AND A POINT 4 MINUTES EAST"

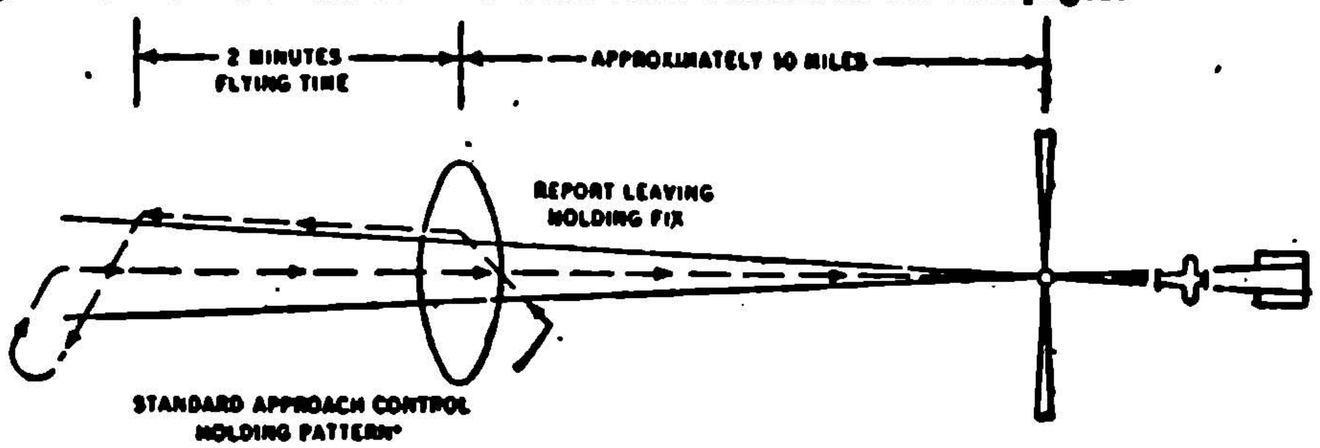


"HOLD ON THE EAST COURSE OF DAWN RANGE BETWEEN THE RANGE STATION AND A POINT 4 MINUTES EAST"

APPROACH CONTROL PROCEDURES

Approach control is a service whereby Civil Aeronautics Administration airport traffic control towers issue control instructions in instrument weather conditions, by communicating directly with pilots over the voice feature of a radio range, or over a very-high frequency channel of the control tower. Ordinarily, aircraft will be cleared by the airway traffic control center to the holding fix, (fan marker or other radio fix) with appropriate holding instructions. Instructions to hold "UNTIL FURTHER ADVISED BY (Name of) APPROACH CONTROL ON (Blank) KILOCYCLES" are included by the arwy traffic control center so that the pilot will know on which frequency he will receive further instructions from the tower. When he arrives over the holding point, the pilot initiates a call to "(Name of) APPROACH CONTROL" and advises time and altitude over the holding point, listening on the frequency specified in the ATC clearance for further instructions. Radio contacts required thereafter: (a) when vacating any previously assigned flight level for a newly assigned level; (b) when leaving holding point. Each pilot in an approach sequence will be given advance notice as to the time he should leave the holding marker on approach to the airport. When the time of leaving the holding point has been received, the pilot should shorten the standard holding path remaining in the immediate vicinity of the marker so as to leave the marker as closely as possible to the designated time. Pilots should maintain communication by listening to approach control frequency until cleared to the tower's local control frequency (278 kc. or equivalent). Departing aircraft will receive initial instructions on the tower's local control frequency. Approach Control is established at locations indicated as AC in the station class column on the data pages.





*NOTE: STANDARD 2 MINUTE HOLDING PATTERN FOLLOWED BY ALL AIRCRAFT HOLDING UNTIL INSTRUCTIONS ARE RECEIVED GIVING TIME OF DEPARTURE FROM HOLDING POINT. THEN PILOT SHORTENS HOLDING PATH, REMAINING IN IMMEDIATE VICINITY OF HOLDING POINT SO AS TO LEAVE MARKER EXACTLY AT SPECIFIED TIME.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) • Station guards 3105, 4495, 6210 kcs.
(4) • Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) • Hours of operation (7 a.m. to midnight) on a 24-hour clock basis
—►— • New or revised data *

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited.
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City, County, Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50, less than 150 watts
MRL.....Range (loop radiators), power more than 50, less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker, site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators) power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Voice communication with aircraft
VAR.....Visual-aural VHF range
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	D-DOG —••	G-GEORGE ——•	J-JIG •———	M-MIKE ——	P-PETER •——•	S-SUGAR •••	V-VICTOR •••—	Y-YOKE —•——
B-BAKER —•••	E-EASY •	H-HOW ••••	K-KING —•—	N-NAN —•	Q-QUEEN ——•—	T-TARE —	W-WILLIAM •——	Z-ZEBRA ——••
C-CHARLIE —•—•	F-FOX ••—•	I-ITEM ••	L-LOVE •—••	O-OBOE ———	R-ROGER •—•	U-UNCLE ••—	X-XRAY —••—	

1 •———— 2 ••——— 3 •••—— 4 ••••— 5 ••••• 6 —•••• 7 ——••• 8 ———•• 9 ————• 0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered nondirectional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency and, generally, V.H.F. of 116.1 mcs.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

AUTOMATIC RANGE MONITORING SYSTEM

The automatic range monitoring system will automatically notify all pilots using a range on which it is installed, whenever an abnormal condition exists on the final approach course, the only course monitored at the present time.

The notification, or warning signal, will consist of the slow transmission of one group of three "U"s (. . - . . . - . . -), between two station identification transmissions. This warning signal will be transmitted: (a) whenever a course displacement of 3° or more exists; (b) whenever a sudden and large loss of signal strength occurs; (c) or whenever an apparent on-course signal (loss of N-A keying, producing a monotone which sounds like an on-course signal) exists throughout all quadrants.

Loss of signal strength is obvious, and loss of N-A keying is easily ascertainable by the pilot whenever the three "U"s identify an abnormal condition. The flier should suspect course displacement upon hearing the warning signal, if there has been no drop in range signal strength and the interlocked N and A on-course signal is well defined. On the other hand, the loss of N-A keying is indicated by warning transmission once only, when normal identifications are also missing.

In the case of range course displacement, the greater the course displacement, the earlier in the period between station identification transmission will the "UUU" signal be heard. An occasional warning signal transmission not repeated in every cycle, followed by the normal identification, may be disregarded since it may be occasioned simply by momentary power fluctuations.

* UNDER THE HEAVY BLACK LINE FOUND IN THE THE RADIO SECTION OF THE DATA PAGES ARE LISTED. OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

INSTRUMENT LANDING SYSTEMS

An Instrument Landing System comprises a localizer (possibly a glide path), and a boundary, middle and outer marker. Infrequently, the middle or boundary marker is not commissioned at present and future installations will have no boundary markers. The entire system of transmitters (localizer, glide path, and markers) operate on V.H.F. All markers operate on 75 mcs.

Compass locator stations, on the other hand, operate on the low frequency 200-415 kilocycle band. Compass locator data will be found under marker data on the second line of those stations having such facilities. These are, with rare exceptions, located at the same sites as the V.H.F. markers, and have single letter identifications.

The localizer course of the Instrument Landing System divides the blue sector (150 cycles), which is to the right of the course in respect to the landing aircraft on final approach, from the yellow sector (90 cycles), which is left.

(L5) or (L8) in the Location Column under Instrument Landing Systems indicates hi-intensity runway contact lights (L5) or hi-intensity instrument approach lights (L8).

VHF RADIO RANGES

Simultaneous Visual-Aural VHF Radio Ranges have two visual and two aural courses with simultaneous voice transmission on the range frequency. A range of this type operates in the band 112 to 118 mcs. (Certain stations have been temporarily assigned the following frequencies: 108.3 mc, 108.7 mc, 109.1 mc.). Modulation frequencies of 90 cps and 150 cps are used to produce the visual courses. The sector in which the 90 cps modulation predominates is to be known as the "Yellow Sector", and that in which the 150 cps modulation predominates is to be known as the "Blue Sector". The aural courses are produced through the use of "N" & "A" signals with modulation frequency of 1020 cps.

V.H.F. RADIO RANGE ORIENTATION: The assignment of the blue and yellow sectors and the "A" and "N" sectors of C.A.A. VHF radio ranges is accomplished in accordance with the following rules:

(a) On Green and Red Airways, the blue sector lies north of the visual course, the yellow south; the "N" sector lies to the east of the aural course; the "A" west.

(b) On Amber and Blue Airways, the blue sector lies west of the visual course, the yellow east; the "N" sector lies to the north of the aural course, the "A" south.

(c) The visual courses are projected along the airway, the aural courses across the airway.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS

All continuously operated C.A.A. Radio Range and Radio Beacon Stations having voice facilities on the Range or Radio Beacon Frequencies broadcast weather reports at 15 and 45 minutes past each hour.

At each station the material broadcast consists of the local weather report and the latest available surface weather reports from surrounding locations. Reports more than one hour old are not broadcast. In addition, the local winds aloft report is broadcast four times daily at 6:15 and 12:15 A.M. and P.M. At selected stations the Weather Bureau provides a local terminal forecast covering the next two hours, and this forecast is broadcast, when available, immediately following the local weather report.

FILING OF "OVER" REPORTS

Pilots should make every effort to file "over" reports when passing over those points designated as "Radio Fixes" on the Radio Facilities Charts. Refer to Chart Legend.

Pilots of aircraft operating on contact flight rule flight plans who desire to make flight progress reports shall include in the report the phrase "CFR" flight plan from _____ to _____.

Pilots of aircraft operating on instrument flight rule flight plans and who are required, therefore, to make flight progress reports, shall include in the report the phrase "Instrument flight plan". NOTE: The word "instrument", rather than the abbreviation "IFR" is used to avoid confusion between the abbreviations "CFR" and "IFR" under difficult radio reception conditions.

RADIOTELEGRAPH CALLING PROCEDURE

Radiotelegraph (A2 emission), in addition to radiotelephone (A3 emission), may be used to call Civil Aeronautics Administration airway communications stations. Radiotelegraph (A1 emission) may be used, but its use will require a prearranged schedule since receivers at the stations are set for A2 or A3 emission only. The Civil Aeronautics Administration airway communications station will reply on the radio range voice channel except as otherwise provided. When calling Civil Aeronautics Administration airway communication stations, it is desired that the radio call letters of the station be used. However, the stations will be on the alert for calls consisting of the radio range identification (listed under "Station Identification"), which may be used after two calls by voice have not been answered by the Civil Aeronautics Administration airway communications station or when unusual circumstances prevail or during emergencies. For example: A pilot using the Richmond, Virginia radio range who is unable to contact that station by voice, will radiotelegraph the following, using A2 emission: "RW RW RW K". Upon receipt of such a signal, the aircraft communicator at the Richmond radio range station will acknowledge on the voice channel of the radio range as follows: "UNIDENTIFIED AIRCRAFT CALLING RICHMOND RADIO OVER". The pilot then would resume use of voice for completion of the contact unless conditions require continuance of radiotelegraph. It is important that pilots use this procedure only after two unsuccessful attempts by voice to contact Civil Aeronautics Administration airway communications stations.

RADIOTELEPHONE (CALLING PROCEDURE)

When calling Civil Aeronautics Administration stations (except towers) or Army and Navy radio ranges, utilize the call "RADIO". When calling all airport control towers, be they Army, Navy, C.A.A., or municipal, utilize the call "TOWER". When calling Army Airways, utilize the call "ARMY AIRWAYS". Examples:

(a) "Jacksonville Radio This Is Stinson 1234".....When calling a radio range
(b) "Jacksonville Tower This Is Waco 4567".....When calling a control tower
(c) "Jacksonville Army Airways This Is Army 725".....When calling an Army Airways Communications Station
(d) "Langley Army Radio This Is Army 472".....When calling an Army radio range

COMBINED UNITED STATES-BRITISH RADIOTELEPHONE (R/T PROCEDURE)

This new procedure has previously been adopted by the War and Navy Departments for use by military aircraft and became effective June 1, 1943, for use by Civil Aeronautics Administration airway communications stations and airport traffic control towers and civilian aircraft. Military pilots may secure complete information from Army publication FM 24-9. The major changes in procedure are summarized below for the benefit of civilian pilots not having access to FM 24-9.

1. Use of the words "THIS IS" instead of the word "FROM".
2. Use of the word "OVER", instead of the words "GO AHEAD", to indicate, "MY TRANSMISSION IS ENDED AND I EXPECT A RESPONSE FROM YOU".
3. Use of the word "OUT" when conversation is ended and no response is expected.
4. Use of the phrase "SAY AGAIN", instead of the word "REPEAT" when requesting a repetition.
5. Use of the phrase "I SAY AGAIN", instead of the phrase "I WILL REPEAT", when a repetition is being given.

EXAMPLES:

WACO ONE EIGHT ONE FOUR THREE. THIS IS CLEVELAND RADIO OR CLEVELAND TOWER MESSAGE FOR YOU (Optional) OVER.

CLEVELAND RADIO or CLEVELAND TOWER, THIS IS WACO ONE FOUR THREE SEND YOUR MESSAGE (Optional) OVER.

WACO ONE EIGHT ONE FOUR THREE. THIS IS CLEVELAND RADIO or CLEVELAND TOWER (Message) OVER.

CLEVELAND RADIO or CLEVELAND TOWER, THIS IS WACO ONE EIGHT ONE FOUR THREE ROGER OUT.

Pertinent parts of all current publications, including Manual 60, are superseded insofar as communications procedures are concerned by the new procedure indicated above effective October 1943.

AIRPORT DATA
LEGEND

NAME

(Where city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in part by Navy
★ CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N), or (CG) follows the airport name.

SIZE — CLASS

49: Length of longest landing strip (unpaved) in hundreds of feet
49h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl.").

N B Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1 Voice availability via tower, range (or homing device), or voice station.
R2: Range (or homing device), and tower
R3: Range (or homing device), tower, and instrument landing system.

LIGHTS

L: Incomplete lighting, either flood or portable runway lights.
L1: Beacon only.
L2. Beacon and boundary.
L3: Beacon, boundary, and obstruction.
L4: Beacon, boundary, obstruction, and flood.
L5: Beacon, boundary, obstruction, flood, and runway contact
L6 Beacon, boundary, obstruction, flood, runway contact, and instrument approach.
(L5): High intensity runway contact lights
(L6): High intensity instrument approach lights

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

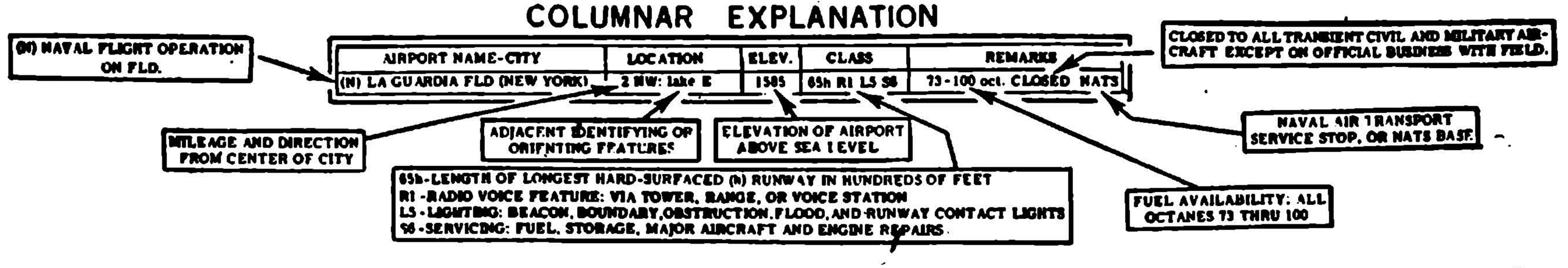
S1: Fuel.
S2: Fuel, storage.
S3: Fuel, storage, minor aircraft repairs.
S4: Fuel, storage, minor aircraft, and minor engine repairs.
S5: Fuel, storage, major aircraft, and minor engine repairs.
S6: Fuel, storage, major aircraft, and major engine repairs.

N B Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there.
Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data.✱
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the United States Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, L5-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no name fixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct." indicates octane rating of fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS. (See Special Notice)" indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the base to which the aircraft is assigned. (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft; however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A) - Army Field
AAB - Army Air Base
AAF - Army Air Field
CGAS - Coast Guard Air Station
LTA - Lighter than Air
MCAS - Marine Corps Air Station
MCAAF - Marine Corps Aux. Air Facility
MCGB - Marine Corps Glider Base
(N) - Navy Field
NAAF - Naval Aux. Air Facility
NAAS - Naval Aux. Air Station
NAF - Naval Air Facility
NAS - Naval Air Station
NPG - Naval Proving Grounds
OLF - Outlying Field (Navy)

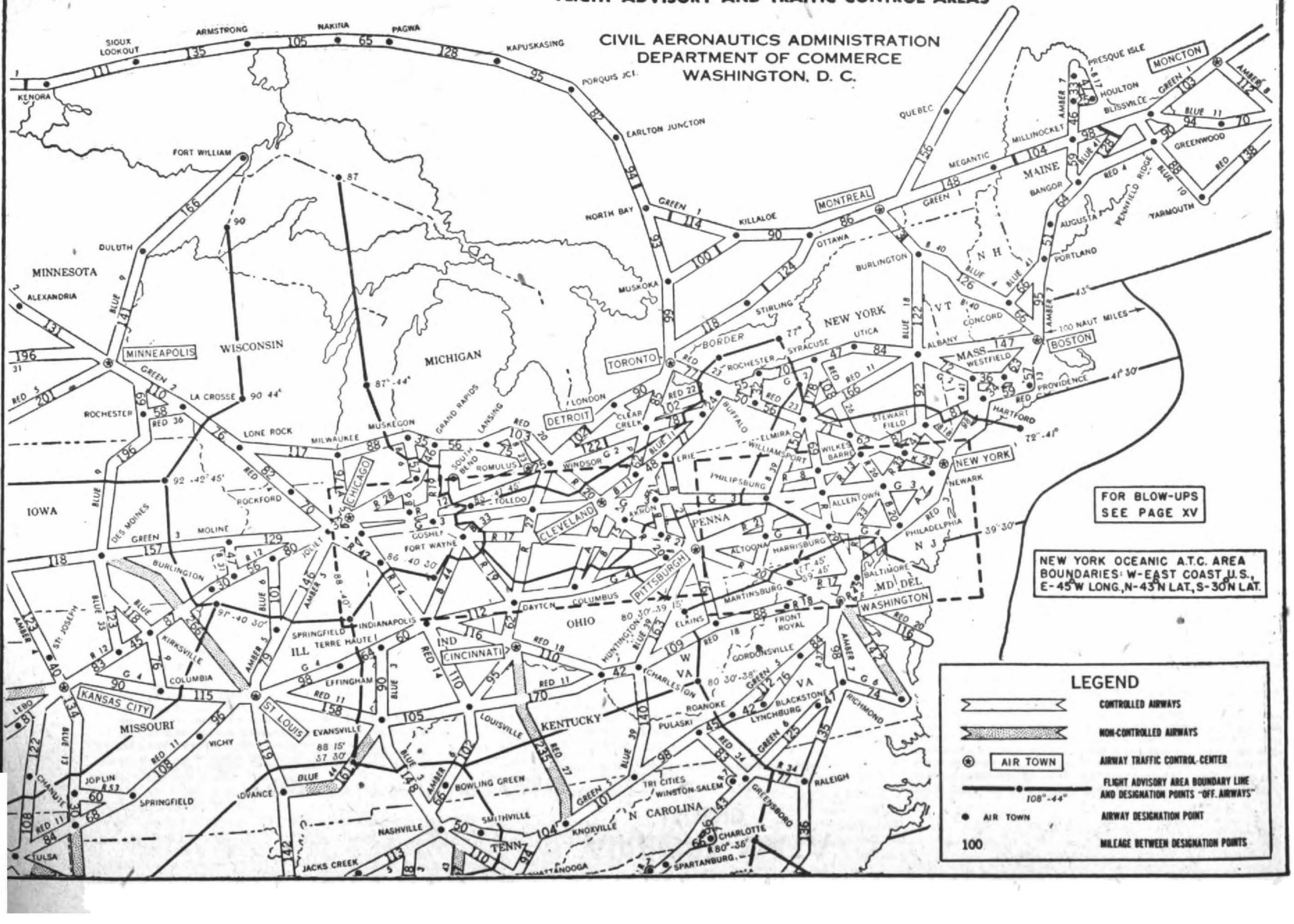
✱ UNDER THE HEAVY BLACK LINE FOUND IN THE AIRPORT SECTION OF THE DATA PAGES ARE LISTED OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP

NORTH EAST QUADRANT

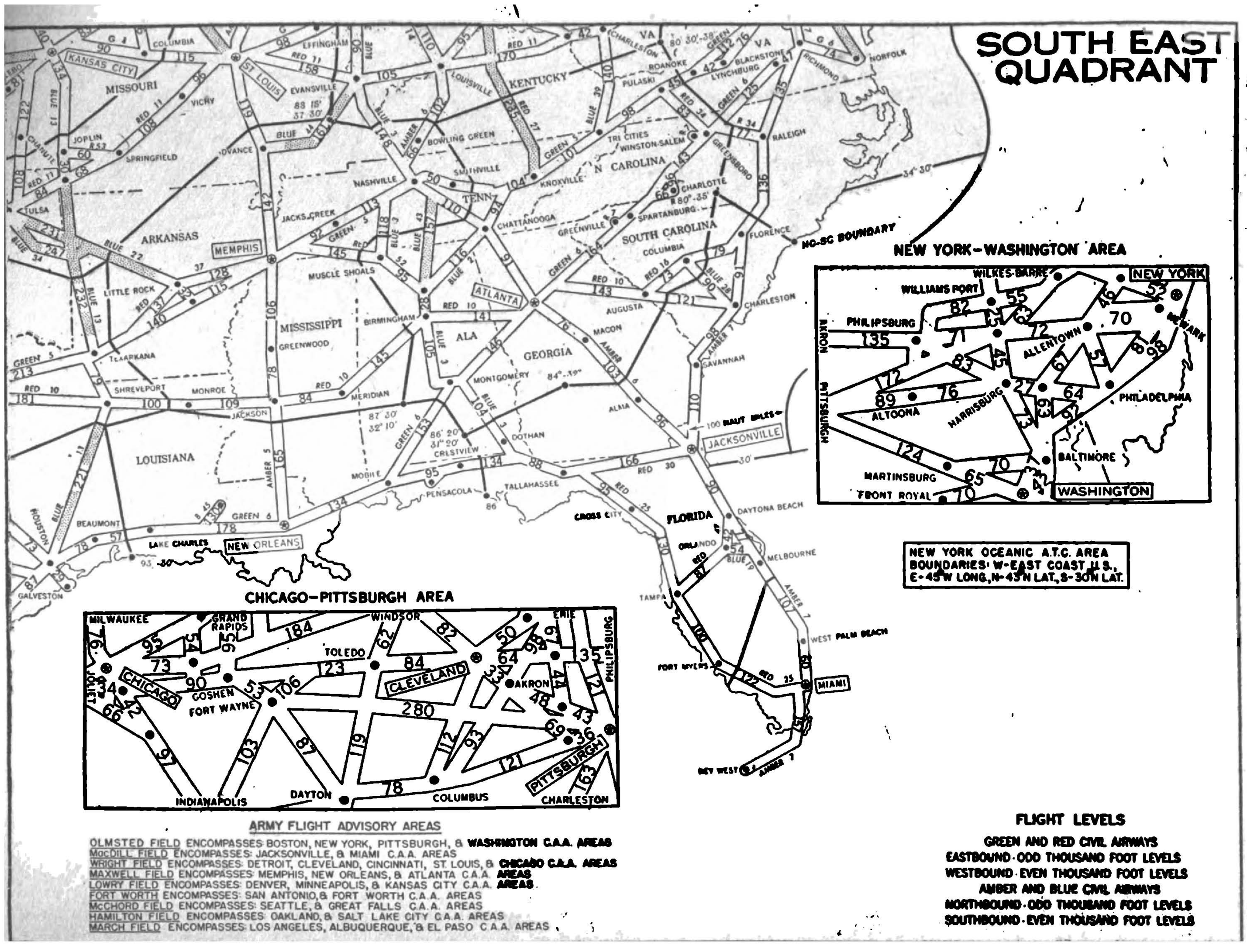
CIVIL AIRWAYS AND MILEAGE CHART

INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



SOUTH EAST QUADRANT



NEW YORK–WASHINGTON AREA

NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES: W-EAST COAST U.S.,
E-45°W LONG, N-45°N LAT, S-30°N LAT.

CHICAGO–PITTSBURGH AREA

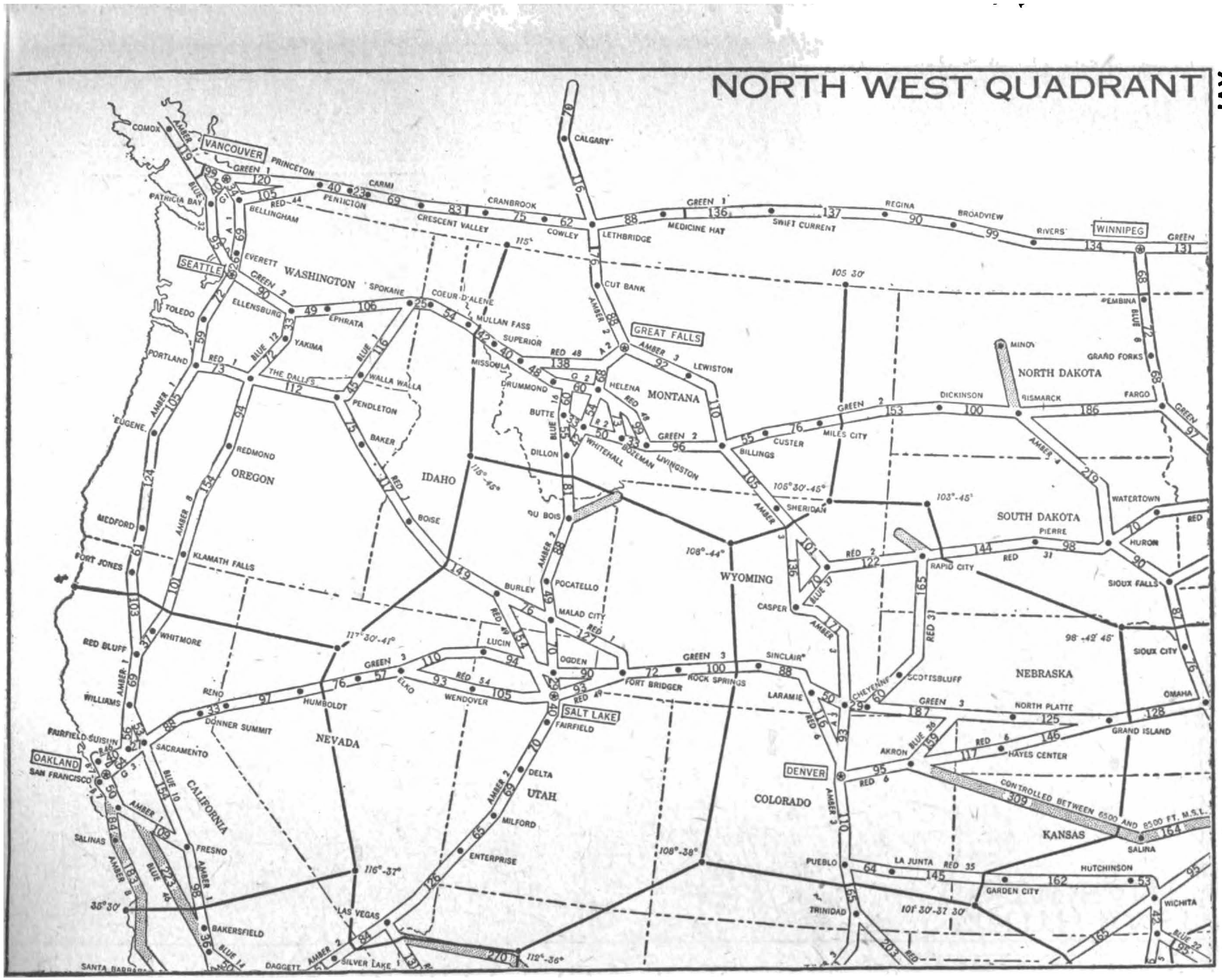
ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES: BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES: JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES: DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES: MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES: DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES: SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES: SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES: OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

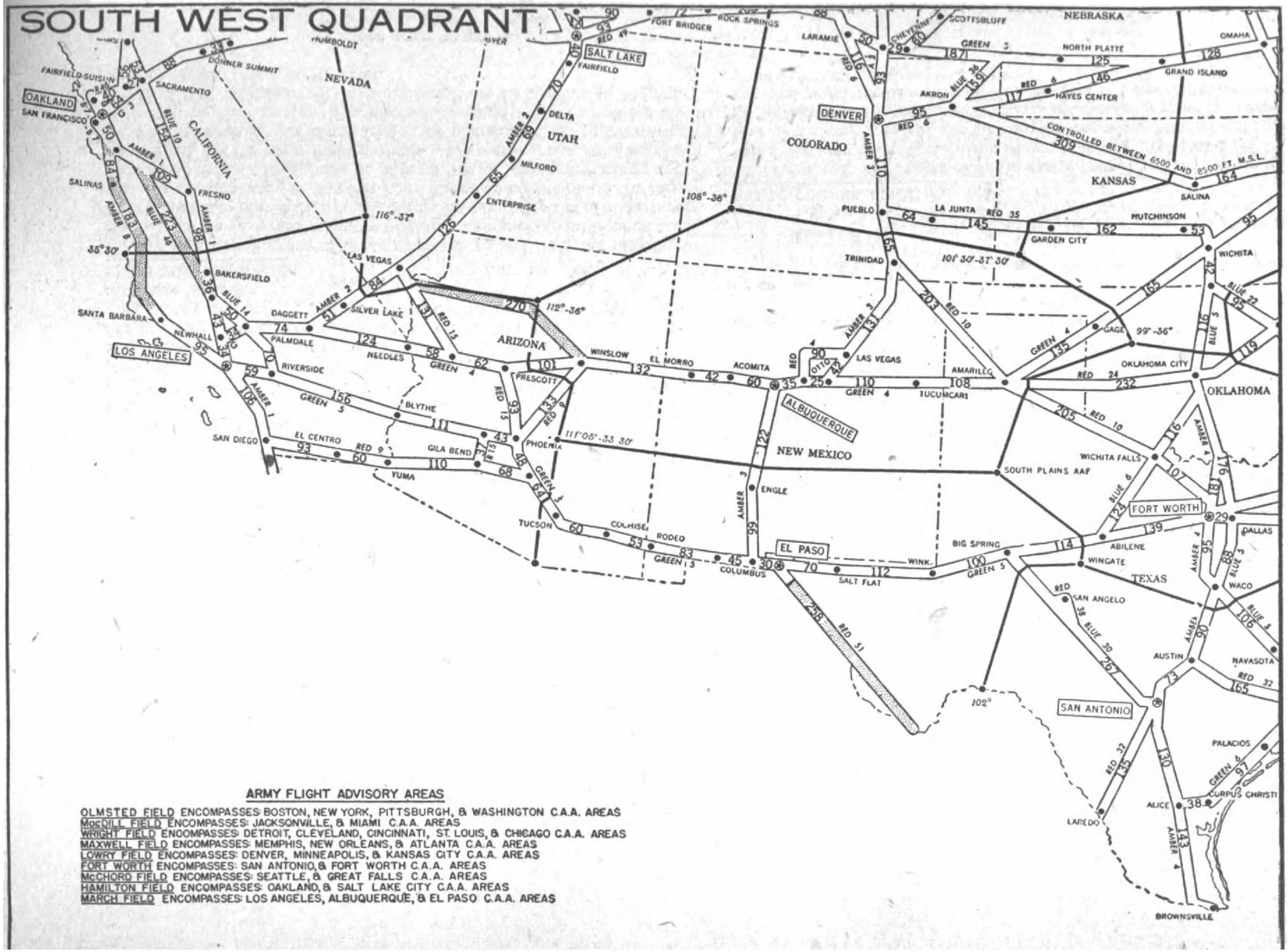
FLIGHT LEVELS

GREEN AND RED CIVIL AIRWAYS
EASTBOUND - ODD THOUSAND FOOT LEVELS
WESTBOUND - EVEN THOUSAND FOOT LEVELS
AMBER AND BLUE CIVIL AIRWAYS
NORTHBOUND - ODD THOUSAND FOOT LEVELS
SOUTHBOUND - EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

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HAMILTON FIELD ENCOMPASSES: OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT PLANNING CHARTS

LEGEND

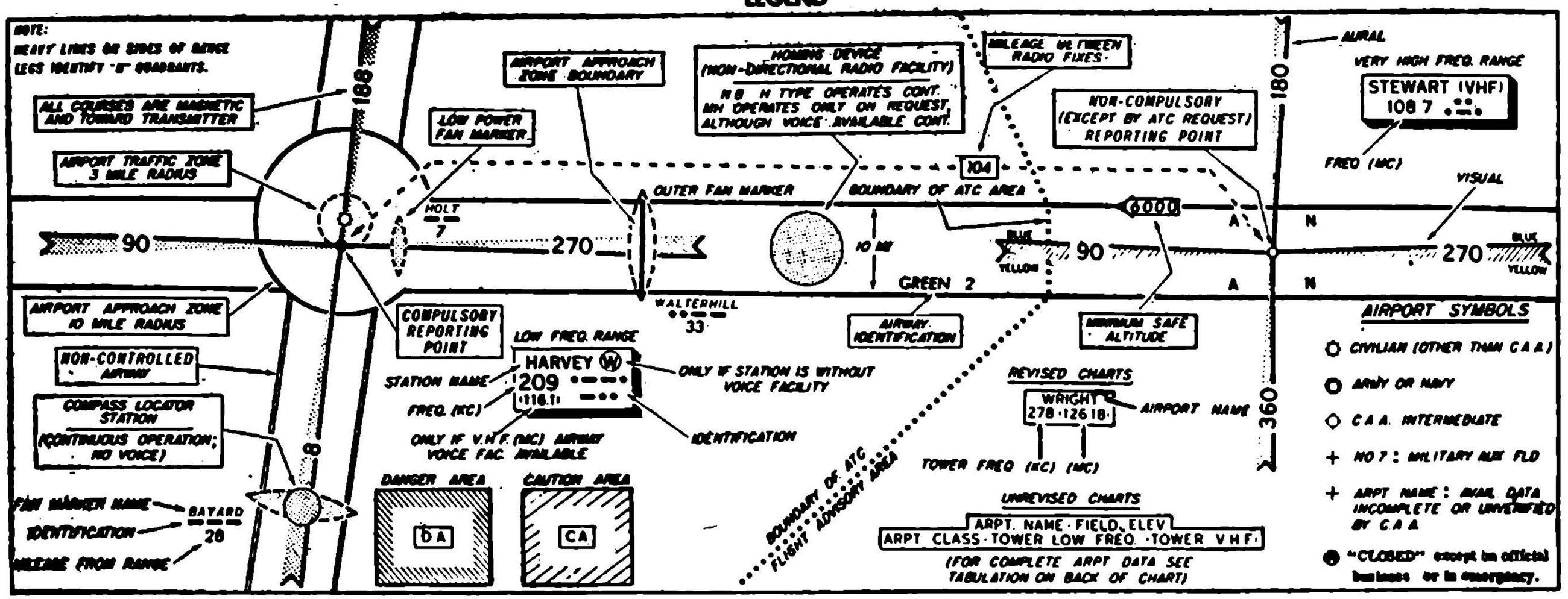


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE & USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range frequency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.

RADIO FACILITY HAZARDOUS FOR USE (SEE NOTICES TO AIRMEN SECTION)

AIRPORT HAZARDOUS FOR USE (SEE NOTICES TO AIRMEN SECTION)

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°,7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-VDT,150°,4.5	(4);116.1 (ILS)
PORTLAND (AAB)	332 (PD)(116.1)	SBRAZ-VDT,171°,3.1	(3);116.1
REDMOND (Roberts)	368 (RG)	SBRAZ-DT 101°,4.3	(4)
THE DALLES	230 (ND)(116.1)	SBRAZ-VDT,251°,2.8	(4).116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105,4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-1630)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BELLINGHAM	209 (I J)(116.1)	SBRAZ-VDT,114°,3.3	(4);116.1
CAMANO ISL,FM (Navy)	(- -)	FM,123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
ELLENSBURG (Bowers)	385 (EB)	SBMRAZ-DT,270°,2	(4)
EVERETT (Paine)	224 (MI)(116.1)	BMRLZ-VDT,330°,3.1	(4);116.1
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	(4) Seattle
McCHORD.(Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-VDTX,296°,3.3	(3);116.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int)	239(GL) (116.1)	BMRLZ-VDT;236°,3	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74) (126.18)	CN; 303°, 3.5	(3);142.74,126.18.Tr and gds 116.1,140.58 req. (GCA)
WHIDBEY ISL.NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3);3155,142.74 (24 hrs advance notice)
WOODLAND FM	(- - - -)	FM, 331°, 23	Portland, Ore.
→ YAKIMA	320(YA)(116.1)	BMRLZ-VDT	(3); 116.1,122.1
Yakima Co. Arpt	278 (118.5)	C; 267°, 4.7	(4);118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
EUGENE. ORE.(L6)	109.9	333.6	159° Mag.	IM-	MM- ·-·- (.63)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct.Poles W, SW.
★ Arlington Int,12B,PD-SM	1.4 ENE; riv NW	872	50 L3	
Bend (new)	5.5 ENE;hwy S	3429	40 S6	80 oct Pwrline SE.Use strips.
Bend (old) (NC)	7.8 N; hwy E	3350	44	Poleline W, NW.
Clatsop Co.(Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
Corvallis	4.9 SSW; RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80, 91 oct.No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE; RR E; W	300	25 S1	80 oct
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel.lgt acft only
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W
Lebanon	1.3 SW;RR E	340	21 S4	80 oct.
(A) Madras	2 NNW;RR SE	2420	74h	CLOSED
MAHLON SWEET(Eugene)	8 NW; RR NE	365	52h R3 L5	No twr.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

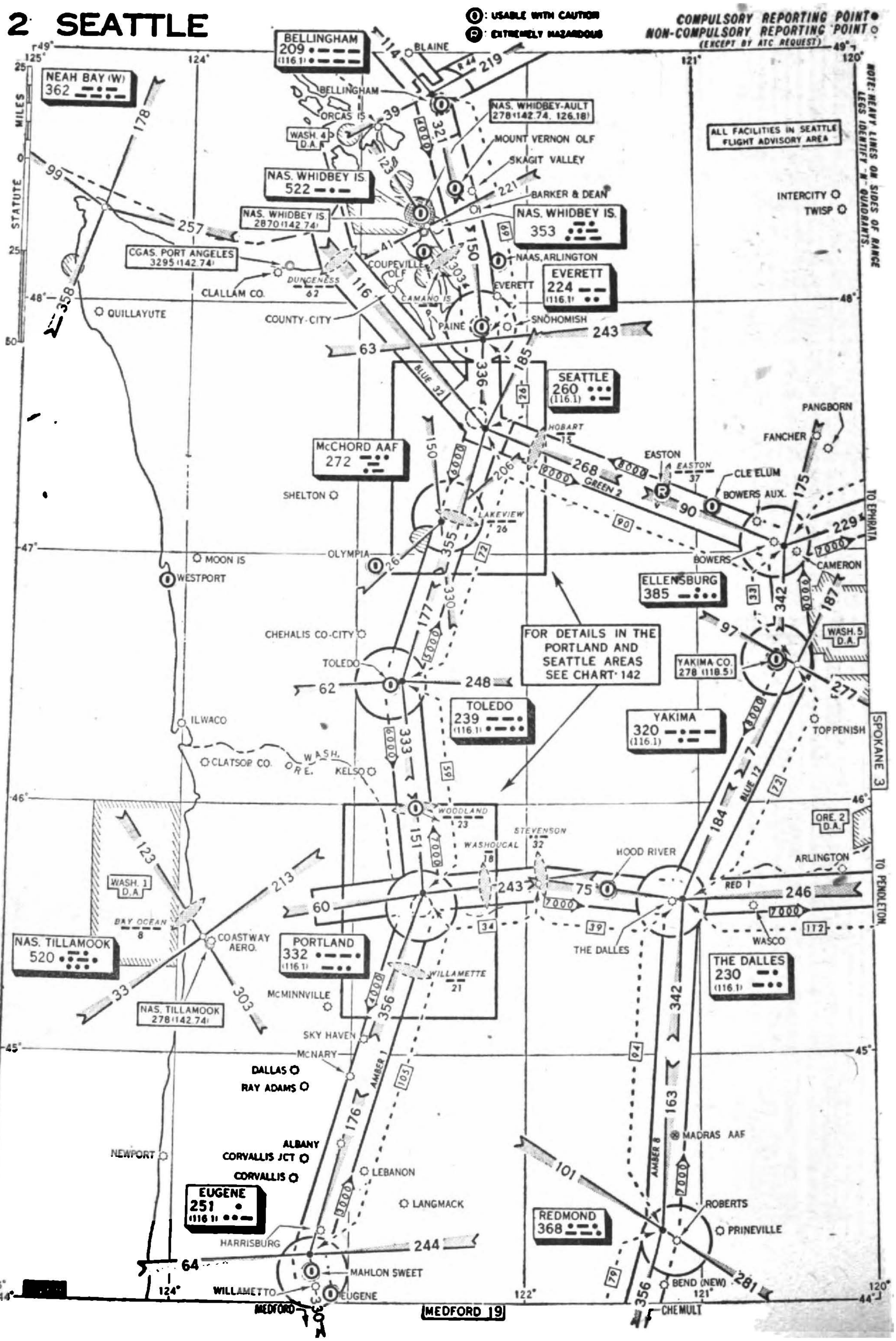
OREGON

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto
(P) Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct.Cattle on fld.
(P) Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 S4	80,91 oct.
Santiam Junction Flgt Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W,E.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N) Tillamook NAS (N)	3 SE; riv N	35	50h R2 L5 S4	91 oct.Used by LTA;HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk(Eugene)	4.8 W	420	25 S1	80 oct.

WASHINGTON

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct.No sto.Trees NW.
BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	73 oct. No sto.Fld lgts prior req.ARPT OF ENTRY
Blaine	0.5 E;RR W	15	18 S1	80 oct.
(P) Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80 oct.Ctc lgts prior req.
Bowers Aux.(Ellensburg)	8.6 NNW	2140	30	
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P) Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct.No sto.
Clallam County (Port Angeles)	2.9 WNW;RR NW	290	52h L5 S2	80 oct.No ben.Fld lgts prior req.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW ARPT OF ENTRY.
(N) Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W.
(P) Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct.Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E.HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Poleline E,SE.Ditch center
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct. HAZARDOUS
Intercity,USFS (Winthrop	4 SSE;riv SW	1650	32 S1	73,91 oct.Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 R1 L3 S6	80 oct.Poles,trees NW.
Kenmore, (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P) Moon Island (Aberdeen)	6 W;harb. N,S	14	50h L5 S6	80,91 oct.
(N) Mt.Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N,CLOSED
Olympia	4.5 S;hwy E	190	50h S4	80 oct.Trees W.
Orcas Island (E.Sound)	0.7 N;hwy E	25	12 S1	73,91 oct
Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct.Fld lgts prior req.
PANGBORN(Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten.USFS (Winthrop)(NC)	38 NW;riv E	4250	28	Usg in emerg.only. Closed to public
(CG) Port Angeles CGAS(CG)	2 NNE	13	45h R1 L5 S1	91,100 oct.Lgts prior req.
Quillayute	0.7 NNW;8 W Forks	195	50h	
Shelton	2.5 NW;hwy ENE	278	52h	Tower NW.
Skagit Valley Air Svc. (Burlington)	0.7 S;RR E	35	20 S1	80 oct.Stack N.
Snohomish	0.9 SW;RR N	16	33 S6	80 oct.Poles,trees ESE.
Snoqualmie Pass (North Bend)(NC)	3.5 ESE;hwy S	680	19	Trees WNW,ESE.
★ Toledo Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80,91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N) Whidbey Island NAS	3 NW Oak Harbor	17	70h R2 (L6)S2	91,100 oct. (N)
(N) YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct.Poleline S.

2 SEATTLE


O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
PORTLAND 332 (116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
EUGENE 251 (116.1)
MEDFORD 19
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
NAAS, ARLINGTON
COUPEVILLE OLF
CAMANO IS
EVERETT
PAINE
SNOHOMISH
CLALLAM CO.
DUNGENESS
62
QUILLAYUTE
COUNTY-CITY
BLUE 32
HOBART
15
PANGBORN
FANCHER
EASTON
EASTON
37
CLE ELUM
BOWERS AUX.
SHELTON
LAKEVIEW
26
MOON IS
OLYMPIA
BOWERS
CAMERON
WESTPORT
WASH. 5 D.A.
YAKIMA CO. 278 (118.5)
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 142
CHEHALIS CO-CITY
TOLEDO
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
TOPPENISH
SPOKANE 3
WOODLAND
23
STEVENSON
32
WASHOUGAL
18
HOOD RIVER
ARLINGTON
ORE. 2 D.A.
WASH. 1 D.A.
BAY OCEAN
8
COASTWAY AERO.
THE DALLES
WASCO
TO PENDLETON
McMINNVILLE
WILLAMETTE
21
SKY HAVEN
McNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
EUGENE
WILLAMETTO
MEDFORD
MADRAS AAF
ROBERTS
PRINEVILLE
BEND (NEW)
CHEMULT
REDMOND 368
MILES
STATUTE
125°
124°
121°
120°
49°
48°
47°
46°
45°
44°
122°

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

49° 120° 119° 118° 117° 116° MONT. 49° 115°

DOROTHY SCOTT
TONASKET
OKANOGAN No. 1
OKANOGAN LEGION
COLVILLE
NEWPORT
WASH. IDAHO
IDAHO MONT.
SANDPOINT
EUREKA
LIBBY
STATUTE MILES
HAFER'S
DEER PARK
SPOKANE 365
COEUR D'ALENE 347
ANDERSON
48°
CALKINS AIR TERMINAL
CHELAN
EPHRATA 269
DAVENPORT
SPOKANE AAF 245 (126.18)
FELTS 278 (118.5)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
J Z
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
TEKOA FLY. CLUB
MOSES LAKE AAF
RITZVILLE
MULLAN PASS 206
TO ELLENSBURG
TO SUPERIOR
47°
LIND
LA CROSSE
WASHTUCNA
CONNELL
WASH. 5 D.A.
WASH. 8 D.A.
PULLMAN-MOSCOW REGIONAL
ASOTIN CO.
OROFINO
GREAT FALLS SEATTLE
GREAT FALLS 6
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
NAS. PASCO
RICHLAND
PROSSER
VISTA
TWIN CITY
MARTIN
KAMIAH
WALLA WALLA AAF 396 ec. 116.1, 126.18 mc
SKY RANCH
WASH.
ORE.
46°
PENDLETON 278 (118.7)
IDAHO CO.
OREGON SKY RANCH
HERMISTON
BOARDMAN
TO THE DALLES
CABBAGE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
LA GRANDE
PENDLETON 341 (116.1)
PILOT ROCK
LA GRANDE
ORE. IDAHO
45°
McCALL
BAKER 221 (116.1)
SEATTLE 2
JOHN DAY
BAKER
CASCADE
WEISER
PAYETTE 49
PAYETTE
SEATTLE SALT LAKE CITY
120° 44°
119°
ELKO 22
118°
ONTARIO
116°
BOISE 350
115°
OVER

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347 (KQ)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
[redacted]		TANA	
MULLAN PASS	206 (MN)	BMRLZ-DT	(4)
[redacted]		ECON	
BAKER	221(BK)(116.1)	SBRAZ-VDT;116°,2.1	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
→ PENDLETON	341 (PO)(116.1)	SBRAZ-VDT	(3):116.1 122.1
→ Pendleton Field	278 (118.7)	C; 247°, 2.3	(4)122.5,126.18,118.7
WASHINGTON			
EPHRATA	269 (EP)	BMRLZ-DT;336°,3.9	(4)
FELTS (Spokane)	278 (118.5)	C	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
→ SPOKANE (Felts)	365 (SM)(116.1)	SBRAZ-DTV,332°,1	(3):116.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-VDT	(4):116.1
Walla Walla AAF	396(126.18,116.1)	CA :182°, 4	(4):126.18,116.1 (7-24)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Steel. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
IDAHO				
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain,USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark,USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE:RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,RR NE	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	20	
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
→ PENDLETON	2.9 WNW; RR S	1492	63h R2 L5 S2	91 oct. for UAL
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
[redacted]				
Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W.	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
★ Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)(NC)	0.5 NE;RR S	1400	19	Trees,pole line WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2	CLOSED
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

GREAT FALLS

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)
MONTANA			
ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-VDT,319°,0.8	(4);116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)	SBMRAZ-DT,185°,1.4	(4)
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
→ Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.9	(4);126.18,122.5,118.1
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
→ HELENA	371 (HL)(116.1)	SBMRAZ-DTV;252°,1.9	(4);116.1
→ HELENA ARPT	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT,247°,2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308 (MX)(116.1)	SBMRAZ-VDT,120°,1.5	(4); 116.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254 (SP)	BMRLZ-DT,275°,0.1	(4)
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois ,23,SL-GT	0.8 SSE	5123	48 R1 L3	30° pole W.
Flying R.(Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC)
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.
MONTANA				
Anderson (Conrad)	4.8 SE;RR W	3730	16	PRIVATE.
Basin Creek (Flathead Nat'l Forest)(NC)	56 NE Missoula	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	57 NE Missoula	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	58 SE Kalispell	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 NW;RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	48 NNE Missoula	3690	25	
Conrad	1.1 W; creek S	3530	32 S1	80 oct,
CUT BANK	3 SW;riv 1 E	3899	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B, SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
GREAT FALLS	3.5 WSW;RR E	3664	70h R2 L5 S6	80,91 oct.ARPT,OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73,91,100 oct.IP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3200	38 L4 S6	73 oct.All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	24 S6	80 oct.Pole line S.
(P) HELENA	2.5 ENE;hwy W	3894	55h R1 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	58 NE Missoula	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S1	80 oct.
★ " Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3	Poles S.
Meadow Creek (Flathead Nat'l Forest)	48 SE Kalispell	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3199	71h R1 L5 S2	73,91 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	50 ESE Kalispell	4855	24	Sur by mtns.
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	39 SE Kalispell	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S2	73 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page xiii) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R EXTREMELY HAZARDOUS I USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

115° 114° 113° 112° 111° 110° 49° 48° 47° 46° 45° 44°

25 MILES 0 STATUTE 25 50

CUT BANK 263

QUARTER CIRCLE M.C. RANCH

LETHBRIDGE

147 76 228 48

CUT BANK I

TOOLE CO.

CHESTER

AMBER 2 309 6000

CONRAD

VALIER

FLATHEAD CO.

KALISPELL

ANDERSON

88 130 1000 197

CHOTEAU

FORT BENTON

GREAT FALLS MUN. 278(118.7,126.18)

GERALDINE

TANNER

GREAT FALLS 317

GREAT FALLS AAF 219(126.18)

TO MULLAN PASS

185 154 POLSON

MISSOULA 306 (116.1)

PLAINS

CASCADE 20 10000 A 2 166 BELT 22 266 10000 90 A 3 STANFORD 29

SUPERIOR

MISSOULA CO.

ALBERTON 15

95 275 10000 11000 96 107 12000 185 22 92 34 353 LEWISTOWN

RED 48

CRAIG

GEYSER

HELENA 371 (116.1)

40 5 11000 276 90 10000 9000 48 HELENA 11000 34

McDONALD PASS 18

SUPERIOR 254

HAILE

CARRISON 10000 252 G 2 72 WINSTON 15 56 BILLINGS 7

STEVENSVILLE

DRUMMOND

WHITE SULPHUR SPRINGS

DRUMMOND 296

22 38 9000 DEER LODGE 12000 358 TOWNSEND 280

334 HAMILTON

5 99 8.16 10000 11000 139 GREEN 2 SIXTEEN LIVINGSTON 224

BUTTE HOMESTAKE 21 WHITETAIL 16 54 73 43 133 RED 48 12000 96

RAINBOW

279 95 172 50 8000 GALLATIN 247

BUTTE 233 (116.1)

33 12000 256 77 7000 RED 2 WHITEHALL 247

42 55 333 3 13000 67 11000 13000 LIVINGSTON

WHITEHALL 284

DILLON 379

SHERIDAN

LIVINGSTON

TWIN BRIDGES

MONT. IDAHO 185 77 257 BOZEMAN 329 (116.1) 319 313

SPOKANE 3

SALMON

DILLON

GARDINER

MONT.

WYO.

GREAT FALLS

SALT LAKE CITY

329 12000 152 AMBER 2 13000

DELL 81

FLYING "R"

WEST YELLOWSTONE

CHALLIS

DUBOIS 388

DUBOIS

IDAHO WYO.

73 253 332

OVER

SALT LAKE CITY 23

POCATELLO

BILLINGS 7

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
SCOBEY
GUSTAFSON-ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
BENTON
LEWISTOWN
FOREST GROVE
MOORE
LEWISTOWN 353 (116.9)
HARLOWTON
LAVINA
BILLINGS 400 (116.1)
CUSTER (W) 215 (116.1)
CUSTER
MILES CITY 320 (116.1)
FORSYTH
MILES CITY
MYLORED
BILLINGS 270 (118.7)
PARK CITY
COLUMBUS
BIG TIMBER
RAPELJE
ZELMA
ST. XAVIER
MONT.
WYO.
COWLEY-LOVELL-BYRON
POWELL
SHERIDAN CO.
SHERIDAN 2
SHERIDAN 239 (116.1)
DENVER
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN.
GILLETTE ARPK.
CASPER 269
TO HIGHLIGHT
ROCK SPRINGS 26
GREAT FALLS
SALT LAKE CITY
MINNEAPOLIS
GREAT FALLS
GREAT FALLS 6
BISMARCK 10
STATUTE MILES

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-VDTX	(3):116.1
→ Billings Airport	278 (118.7)	C(ILS):247°,1.5	(4):118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-VDT,90°,2.9	(4): 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-VDT,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTY.298°,1.84):116.1	
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Billings, Mont.	110.3	335	253° Mag.	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P)BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P)Bones Bros.Ranch (Birney)(NC)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P)Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P)Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → New or revised data

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P)Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	
LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.
(P)Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P)MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P)Rapelje	1 SE,RR N	4030	38	
Red Lodge (NC)	0.5 WNW	5600	29	ROUGH. Road N.
Roundup (NC)	1.9 N,hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P)Scobey	1 NW,RR S	2458	34 S1	80 oct.
Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P)Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)(NC)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P)Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P)Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P)Powell	8 NNW	5054	42 S2	73 oct.
(P)SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
Moore (Mont.)	0.5 E,RR N	4100	20 S2	73 oct.
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-VDT,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-VDT,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP	206 (IL)	MHT	(4)
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-VDT	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)	335 (SE)	HT	(4)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Baker	0.8 SSE,hwy N	2290	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 R1 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct. Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct. Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct. No bcn. Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct. Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct. Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 R1 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3216	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N. Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

10 BISMARCK

E: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

105° 104° 103° 102° 101° 100°

25 MILES
25 STATUTE
46° 45°
50
47°
47°
46°
46°
48°

CROSBY ○ PORTAL ○ MOHALL ○

PLENTYWOOD ○

WRIGHT
CHANDLER U WILLISTON

PARSHALL ○
MILLER ○

SIDNEY E ○ WATFORD CITY ○

121 211 31 201

TOWNER ○ RUGBY ○

MINOT
209

PORT O'MINOT ○

FARGO 11

167 ✈ ILO

WASHBURN ○

DICKINSON
308
(116)

BISMARCK
230
(116)

GLEN ULLEN

GLENDIVE ○

BEACH ○ GOLVA ○ WORTH

JUDSON ○ DRISCOLL ○

MILES CITY
320

69 GREEN 2 256 80 253

238

NEW ENGLAND ○

DICKINSON

BISMARCK

BAKER ○

✈ WYMAN

RHAME ○ BOWMAN ○

347 ✈

✈ HETTINGER

MORRIDGE ○

MONT. N.D. S.D.

BILLINGS 7

MINNEAPOLIS DENVER MONT. WYO. SD

BLACK HILLS

NEWELL ○

SPEARFISH
335

RUSHMORE

RAPID CITY
221
(118)

PIERRE
347
(116)

RAPID CITY AAB
396 (126.1B)

246 69

PHILIP
206

PIERRE

CHEYENNE 27

105°

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRWAY LEGS IDENTIFY 'N' QUADRANTS.

49° 100° 99° N.D. 98° PEMBINA 97° MINN. 96° 95°

ROLLA
LANGDON
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
GRAND FORKS
CROOKSTON
THIEF RIVER FALLS
PEMBINA
VALLEY CITY
WEST FARGO
PARK RAPIDS
DETROIT LAKES
WHEATLAND
BARNESVILLE
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WADENA
ASHLEY
EUREKA
BRITTON
SISSETON
GRACEVILLE
MORRIS
ALEXANDRIA
ABERDEEN
ORTONVILLE
MILBANK
BENSON
APPLETON
WILLMAR
BIEDENFELT
MADISON
MONTEVIDEO
W. W. HOWES
WATERTOWN
HOFER-KANNEGIETER
MILLER
REDWOOD FALLS
MARSHALL
BROOKINGS
CARTHAGE
WESTBROOK
SIOUX FALLS
OMAHA 30

77 257 344 3000 170 72 2000 260 80 73 4000 253 186 165 345 161 109 289 341 76 70 224 113 263 347 98 44 90 293 346 166 177 307 97 120 186 9 300 219 68 160 350 165

FARGO 365 (116.1)
PEMBINA 260
JAMESTOWN 344 (116.1)
GRAND FORKS 278
FARGO 388 (118.7)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
HURON 353 (116.1)
WATERTOWN 382 (116.1)
ABERDEEN 329 (116.1)
ASHLEY (W) 206
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

STATUTE MILES 0 25 50

MINNEAPOLIS 14
MINNEAPOLIS 177
BISMARCK 10

RED 31 75 256 5000 98 MADISON MONTEVIDEO 357 REDWOOD FALLS 234 WESTBROOK

OVER

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-VDT,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-VDT,357°,3.5	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-VDT	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4); 126.18, 118.7, 131.9
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-VDT,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W. Howes	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-VDT,256°,2.9	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.
Appleton	1.9 NNE,riv S	1010	34 S2	80 oct. Poleline S,SE,SW
Benson	2.4 NW	1031	22	Poleline NW.
Crookston	3 NNW,RR N	875	30 S2	80 oct. Obst sur fld.
Detroit Lakes	2.7 W,RR N	1392	35 S2	80 oct. Rnwy data unver.
Fergus Falls	4.3 W,RR N	1160	23 S1	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W,RR NE	1167	35 S4	80 oct.
Montevideo	2.2 NNE,RR W	950	19 S2	80 oct. Poleline W,NW
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct. Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct. P-line E. Rnwys unv
Redwood Falls	1.8 NE,riv NE	1025	25 S2	80 oct. Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S1	80 oct. Poleline S,NW.
Westbrook	1 SE,hwy N	1500	18 S1	80 oct. Poleline W.
Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.

NORTH DAKOTA

Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 R1 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,$1.100 oct. JP-1
(P) GRAND FORKS	2.6 WNW,RR S, E	837	49h R1 L5 S6	73,80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wynd-mere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct. Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct. Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct. Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. Ngt svcg on req ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct. Data unver.
St. School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80, 91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct. Poleline N. Data unver.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W. HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
Britton Mun.(S.D.)	2 NNE,RR W	1350	24 S1	73 oct. Poles W.
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct. Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-VDT, 298°,3.5	(3);116.1
→ WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC	(4);116.1,126.18,118.3,142.74

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

Anderson (Cocato)	2.6 ENE,RR S	1020	23 S2	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NWW, RR S	1395	57h S4	80, 91 oct. Rnwy data unverified.
Brainerd	1.3 SSE,hwy W	1210	22 S2	Ltd 73 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1150	52	Tank SE corner (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Polelines sur fld.
Cedar (Minneapolis)	8.5 S, RR W	811	28	
Coleraine	0.8 SSE	1390	25 S1	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
Fleming (South St. Paul)	1.8 S, riv E	822	15h	
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	28 S1	80 oct. Poles SE, SW
Gervais (Tofte)	1.2 NE,hwy S	800	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	80 oct.
Kenyon	0.8 S,RR E	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 R1 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	20 S1	80 oct.Poleline SSW. Rolling.
Litchfield	1.2 NE,RR S	1140	24 S1	Ltd 80 oct. Trees W.
Littlefork	1.8 WNW,riv E	1153	19 S1	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	30 S1	80 oct. Poleline E.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	16 S1	80 oct.Poles S,SE; trees SW.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	17 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E	704	55h L4	
St. Peter	2.4 NNW,riv E	900	23	Poleline S.
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W,RR S	950	23 S4	80 oct. No sto/
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S2	73 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON → (Duluth)	6.5 NNW,hwy S	1428	57h R1 L1 S6	80,91 oct. Open to skj. Air-carrier - ngts. ARPT OF ENTRY.
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R2 L4 S6	87-100 oct. JP-1. Rdo rec required.
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W.

WISCONSIN

Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4.	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW.	1000	21 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30 S2	80,91 oct.Pole line W, S.
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80 oct. Data not verified.
→ Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	
Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

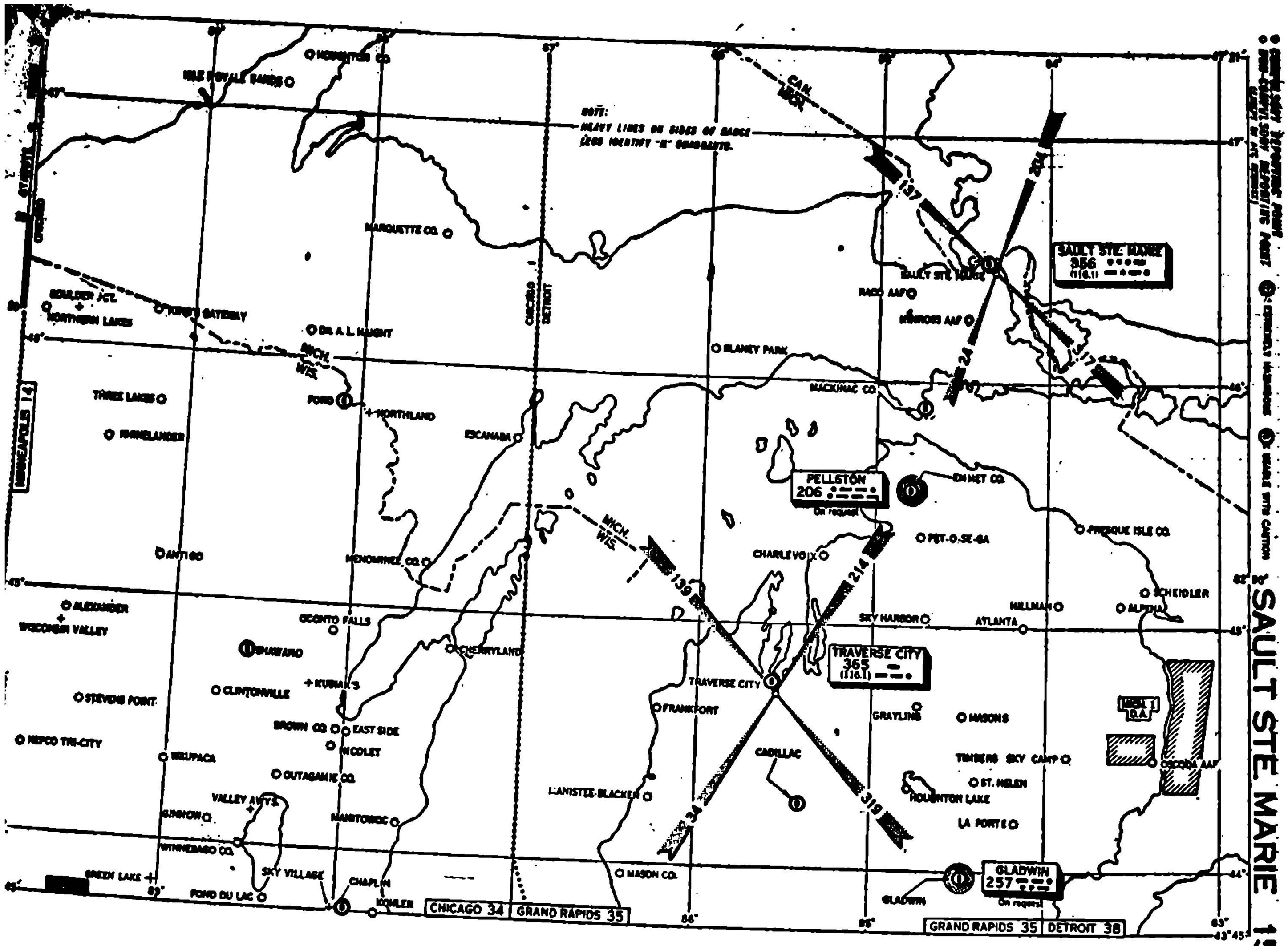
4 MINNEAPOLIS

: EXTREMELY HAZARDOUS : USABLE WITH CAUTION

COMPULSORY REPORTING POI
NON-COMPULSORY REPORTING POI
(EXCEPT BY ATC REQUEST)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
CAN MINN
LITTLE FORK
ELY
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
WILLIAMSON-JOHNSON
DULUTH 221
RICHARD BONG
FARGO 11
WYMAN
BEYWOOD
BRAINERD
ASHLAND
GOODHUE CO.
CAMP RIPLEY
HAYWARD
SPOONER
PRICE LAKE
PHILLIPS
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
RICE LAKE
ARROWHEAD
TAYLOR FALLS
AMERY
RUSK CO.
MONTICELLO
ANOKA
CHETEK
LITCHFIELD
ANDERSON
VICTORY
OSCEO
U. OF MINN.
MINNEAPOLIS 266 (116.1)
DALLAS
PINES
TAYLOR CO.
WILLMAR 254
HANEL
NORTHPORT
HUDSON
ROYCEVILLE
ROBBINSDALE
ST. PAUL
FLEMING
CHIPPEWA FALLS
EAU CLAIRE MUN.
COLBY-ABBOTSFORD
WOLD-CHAMBERLAIN 278 (118.3, 126.10)
FLYING CLOUD
VETERANS
EAU CLAIRE
HECTOR
JORDAN
HASTINGS
LAKE CITY
SCHLOSSER
MARSHFIELD
NEILLSVILLE
SIOUX FALLS 245
CEDAR
CARLETON
LE SUEUR
ST. PETER
NEW ULM
FAIRMONT
LENTON
ROCHESTER 236
JACKSON CO.
MANKATO
WASECA
ORTONVILLE
WINONA
LA CROSSE 371
DES MOINES 21
MISC. 2 D.A.
EAU CLAIRE MUN.
MINN
WISC


NOTE:
HEAVY LINES ON SIDES OF RADIAL LEGS IDENTIFY "E" BOUNDARIES.
ISLE ROYALE RANGE
HOUGHTON CO
MARQUETTE CO
CAN MICH
137
204
SAULT STE. MARIE
356
(116.1)
SAULT STE. MARIE
RACO AAF
HENGOES AAF
BOULDER JCT.
NORTHERN LAKES
KNOX GATEWAY
DR. A. L. KNIGHT
MICH WIS
CHICAGO DETROIT
BLANEY PARK
MACKINAC CO
24
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
PELLSTON
206
On request
EMMET CO
PRESQUE ISLE CO
PET-O-SE-GA
CHARLEVOIX
MICH WIS
139
214
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
SKY HARBOR
ATLANTA
HILLMAN
ALPENA
SCHEIDLER
SHAWANO
CHERRYLAND
TRAVERSE CITY
365
(116.1)
TRAVERSE CITY
KUBIAK'S
STEVENS POINT
CLINTONVILLE
FRANKFORT
GRAYLING
MASON S
WISCONSIN
10A
KEWCO TRI-CITY
BROWN CO
EAST SIDE
WOODLET
SEYMOUR
CADILLAC
TIMBERS SKY CAMP
OSCODA AAF
OUTAGAMIE CO
ST. HELEN
ROUGHTON LAKE
VALLEY AVTS.
LANISTEE-BLACKER
34
319
GIMMOW
MANITOWOC
LA PORTE
WINNEBAGO CO
GLADWIN
257
On request
GREEN LAKE
SKY VILLAGE
CHAPLIN
MASON CO
FOND DU LAC
KOHLER
GLADWIN
CHICAGO 34
GRAND RAPIDS 35
GRAND RAPIDS 35
DETROIT 38
SAULT STE. MARIE 15

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GLADWIN	257 (GU)	MRT	(4)
PELLSTON (Emmet County)	206 (PJ)	MRT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-VDT,319°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-VDT,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R. (Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	0.3 ENE,lake E	1390	34 S4	80 oct. Trees, bldgs W.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct. Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S1	80 oct. Poles NW.
Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct. Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct. Radio twr W,N, lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 R1 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). ➔ NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct. All lgts prior req. ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct. Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct. Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.

WISCONSIN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct. Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	26 S6	80,91 oct. Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct. Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct. No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22	Pole line NE.
(P) Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct. Pole line E,W. Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co. (Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 S2	80,91 oct. Poles SW. Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct. P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct. Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80 oct. No sto. P-line NE,N,W. Rnwy data unver
Wisconsin Valley Inc. (Wausau)	7 S		34 S2	83 oct. Data unver.
Kubiak's (Pulaski,Wisc)	1.2 E	781	26 S4	Data unver.
(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

RADIO — MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-VDT;81°,2	(4); 116.1
➔BANGOR (Dow)	239(BB)(116.1)	SBRAZ-VDT;172°,2.1	(4);116.1
➔DOW (Bangor)	278 (126.18)+	CA (ILS)	(3);126.18
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)(116.1)	BMRLZ-VDT,195°,3.1	(4); 116.1
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-VDT;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
Presque Isle AAF	278 (126.18) +	AC(ILS);189°,3.4	(4);338,365;116.1,140.1,131.9,
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4) 126.18.
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-VDT	(3); 116.1
Burlington Airport	278	C; 151°,2.8	(4)
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(-.-)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)(116.1)	BMRLZ-VDT;230°,2.8	(4); 116.1
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Dow, Maine (L6)	109.9		150°Mag.	IM- ·····(.06)	MM- ·-·-(.89)	OM- --(4.80)
					MMK-	OMK-
Presque Isle AAF, Maine	109.9		10°Mag.	IM- ·····(.05)	MM- ·-·-(1.00)	OM- --(5.00)
					MMK- 201 (1.00)	OMK- 219 (5.00)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

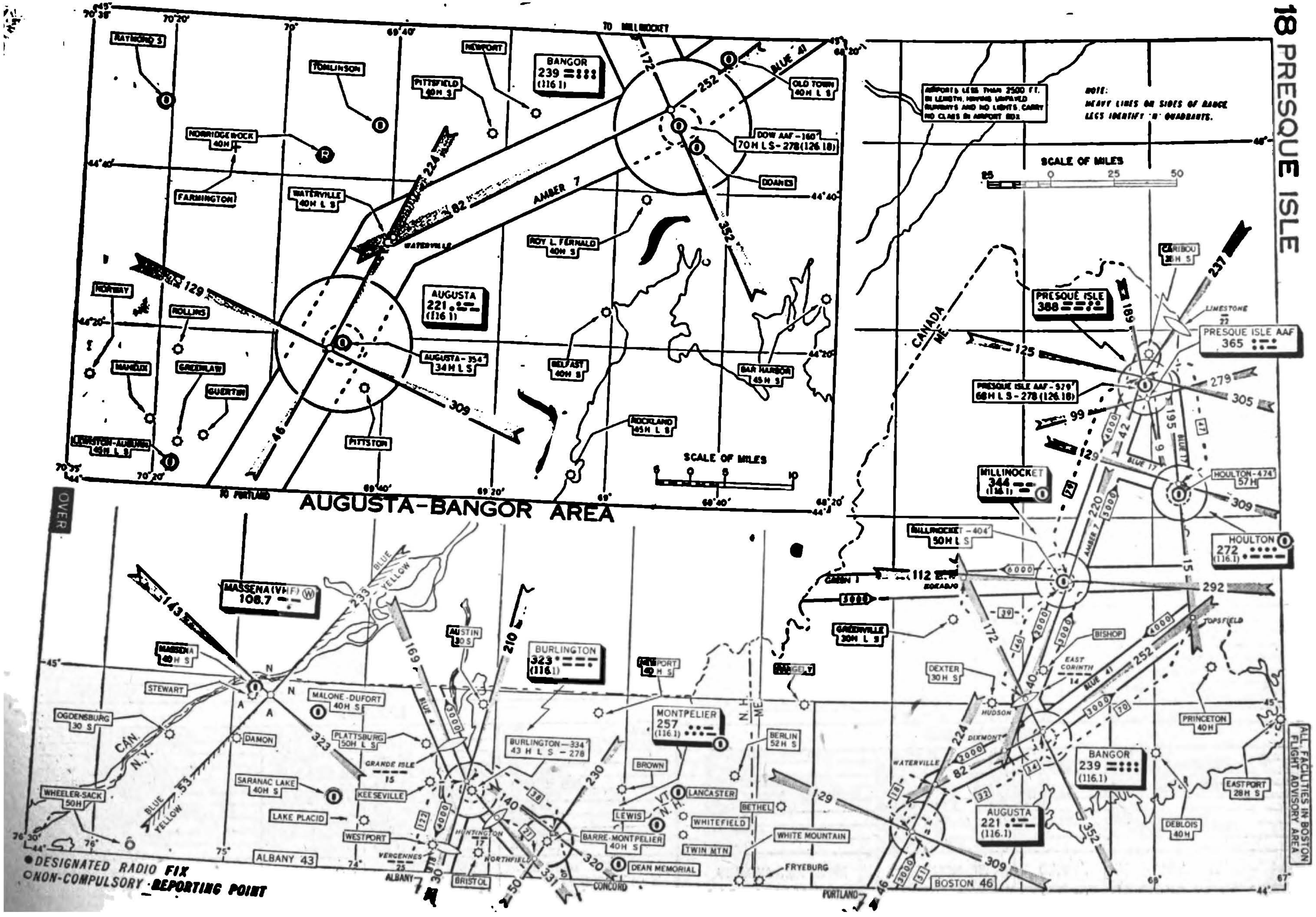
AIRPORTS — MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
HOULTON AAF	2.5 E	474	57h R1	CLOSED
(P) LEWISTON-AUBURN ➔ (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct, Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S6	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

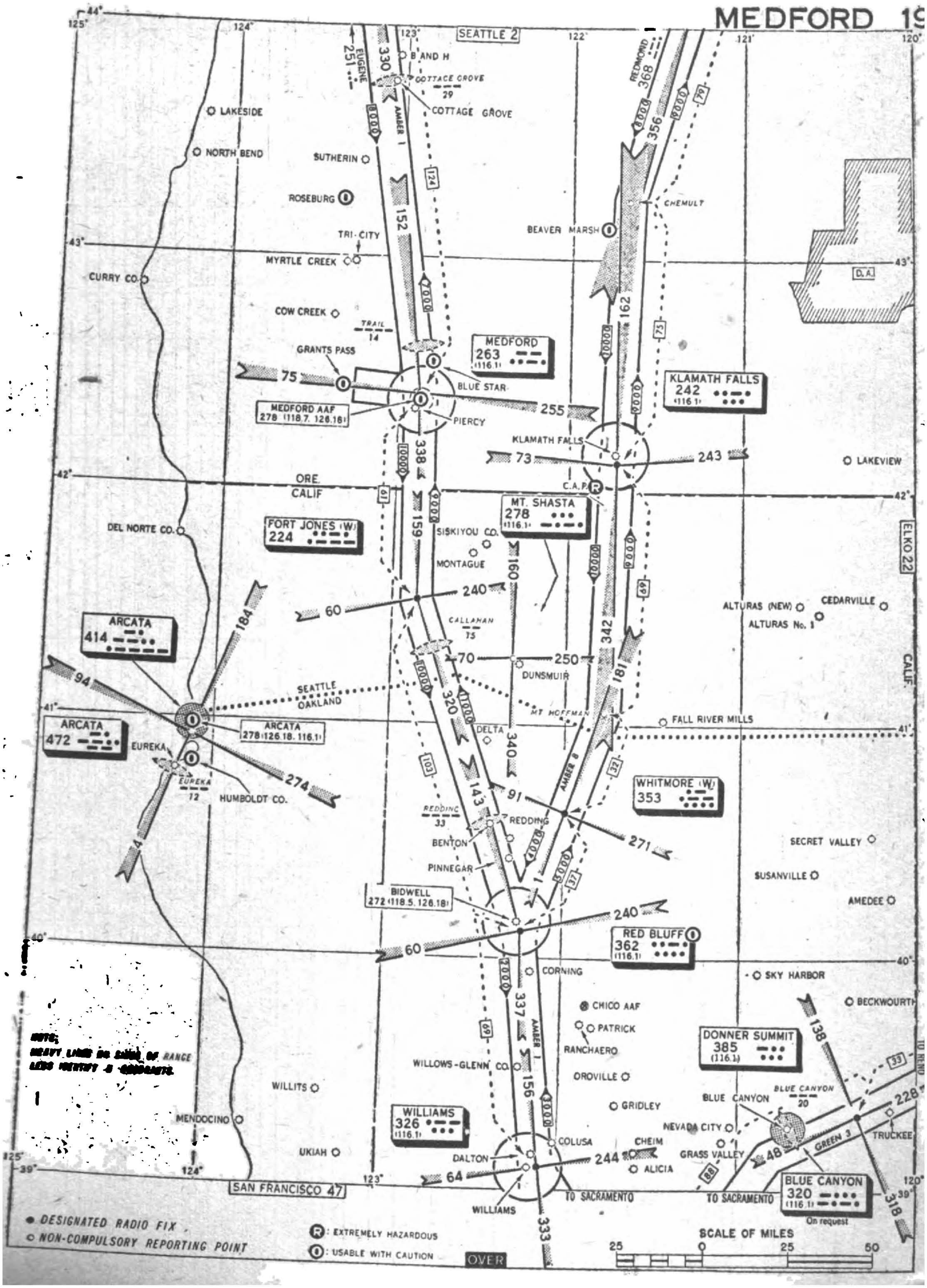
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). ➔ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	22 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	21 S1	80 oct. Trees N,NW. Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W		20 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	540	23 S4	80 oct. Trees W, NW.
[redacted] YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
(A) Wheeler-Sack(Great Bend)(A)	1 NNW,riv S	680	50h	
[redacted]				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE.	1149	40h R1 L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.


AUGUSTA-BANGOR AREA
TO MILLINOCKET
TO PORTLAND
OVER
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
MILLINOCKET 344 (116.1)
HOULTON 272 (116.1)
MONTPELIER 257 (116.1)
BURLINGTON 323 (116.1)
MASSENA (VHF) 108.7
RAYMOND 5
TOMLINSON
NEWPORT
PITTSFIELD 40H S
OLD TOWN 40H L S
DOW AAF - 160'
70H LS - 278 (126.18)
DOANES
NORRIDGEWOCK 40H
FARMINGTON
WATERVILLE 40H L S
ROY L. FERNALD 40H S
NORWAY
ROLLING
MANSLIN
GREENLAW
GUERTIN
LEWISTON-AUBURN 45H L S
AUGUSTA - 354'
34H L S
BELFAST 40H S
BAR HARBOR 45H S
ROCKLAND 95H L S
PITTSTON
SCALE OF MILES
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT RDI.
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 'B' QUADRANTS.
SCALE OF MILES
CANADA
ME
CARIBOU 38H S
LIMESTONE
PRESQUE ISLE AAF - 970'
68H LS - 278 (126.18)
HOULTON - 474'
57H
ROCKLAND
BILLINGS - 404'
50H L S
GARDINER 30H L S
BISHOP
DEXTER 30H S
EAST CORINTH
HUDSON
TOPSFIELD
PRINCETON 40H
EASTPORT 28H S
DEBLOIS 40H
BOSTON 46
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
MASSENA 40H S
STEWART
OGDENSBURG 30 S
CAN. N.Y.
MALONE-DUFORT 40H S
DAMON
PLATTSBURG 50H L S
GRANDE ISLE
SARANAC LAKE 40H S
KEESEVILLE
LAKE PLACID
WESTPORT
WHEELER-SACK 50H
AUSTIN 30 S
BURLINGTON — 334'
43 H L S - 278
BROWN
LEWIS
BARRE-MONTPELIER 40H S
VERGENNES
HUNTINGTON
NORTHFIELD
BRISTOL
DEAN MEMORIAL
CONCORD
BERLIN 52H S
LANCASTER
BETHEL
WHITEFIELD
TWIN MTN
WHITE MOUNTAIN
FRYEBURG
PORTLAND
ALBANY 43
ALBANY
DIXMONT
WATERVILLE
AUGUSTA 221 (116.1)
BLUE
YELLOW
AMBER 7
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

MEDFORD 19



NOTE:
HEAVY LINES ON LIMIT OF RANGE
LESS HEIGHT & ACCURATE.

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS); 4°, 3	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
→ BIDWELL (Red Bluff)	272 (118.5,126.18)	C	(4);126.18,122.5(6-22)
BLUE CANYON	320 (BC)(116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-VDT	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-VDT, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-VDT,323°,2.5	(4); 116.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1)	SBMRAZ-VDT,244°, 2.2	(4); 116.1
[redacted]			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS)(116.1)	SBRAZ-VDT;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-VDT	(3); 116.1
→ Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4); 126.18,131.9,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Arcata,Calif.	109.5	332.6	312° Mag.	IM- (.14)	MM- ····· (.66)	OM- -- (4,5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs;. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.-100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May.Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R2 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct.No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W.
(A) Chico AAF (A)	5 N,rd E	237	67h	CLOSED
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	80	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	1 N,riv E	3300	26	
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach.USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct.Trees sur fld.P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road **crosses** NE/SW strip.
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct.Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E.
Humboldt County (Eureka)	3.4 ENE,RR SW	10	19 S4	80 oct. Poles NW.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct.Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct.Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S.
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct.Trees E.Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1	
[redacted]				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto.Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S1	80, 91, 100 oct.Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
→ Lakeview	3.5 SW,RR E	4726	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct.Pole line NE.
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct.No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct.No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S.Cattle on fld.
B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct.Poles, trees N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → New or revised data

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Gowen)	350 (BE)	SBRAZ-DT,110°2.5	(3)
EAGLE FM	(- - - -)	FM, 301°, 11.5	Boise
➔ GOWEN (Boise)	278(126.18) (118.3)	AC	(4);131.9,126.18,118.3 122.5
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-VDT, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-VDT, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SBRAZ-DT,219°2.9	(4) Not manned cont.
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-VDT 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-VDT 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno
HUBBARD FLD (Reno)	278	CI	(4)(Wed,Sat,Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	4.5 SSW	2857	77h R2 S1	80,91 oct.
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE,RR NE	2225	26 S2	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Austin OLF (N)	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO	1.8 W,RR S	5066	62h R1 L5 S4	73, 91 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
Fallon	6 SE,hwy S	3931	70h R1	Closed,emerg use only.
➔ HUBBARD (Reno)	3.4 SE,RR N	4404	61h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
" Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts on prior req.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req.
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not charted ➔ NEW OR REVISED DATA

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY AIC REQUEST)

R EXTREMELY HAZARDOUS U USABLE WITH CAUTION

SPOKANE 3

ROE-DAVIS ○ ○ BURNS

ALKALI LAKE

D.A

○ ROME

FLOATING FEATHER

NYSSA ○

PARMA ○

CALDWELL ○

RITCHEY ○

BOISE 350

BOISE AIRPK.

BRADLEY

GOWEN 279 118 3.126.1 MC

MENNETT ○ MOUNTAIN HOME

MOUNTAIN HOME

MOUNTAIN HOME AAF ○

GLENNS FERRY

BURLEY 272

SEATTLE
SALT LAKE CITY

ORE.
NEV.
IDA

ONTARIO ○

MEDFORD 19

NEV.

ELKO 391 (116.1)

WINNEMUCCA COM.

BATTLE MOUNTAIN 281 (116.1)

SEATTLE
OAKLAND

○ WINNEMUCCA

BATTLE MOUNTAIN FLGT. STRIP

○ BATTLE MOUNTAIN

HUMBOLDT 209 (116.1)

○ VALLEY

RENO 254 (116.1)

LOVELOCK COM.

LOVELOCK ○

RENO SKY RANCH

RENO AAB ○

HUMBOLDT

FALLON

SPARKS

FERNLEY

LAHONTAN ○

HUBBARD 278

○ LAHONTAN FLGT. STRIP

FALLON 230

AUSTIN ○

CARSON CITY

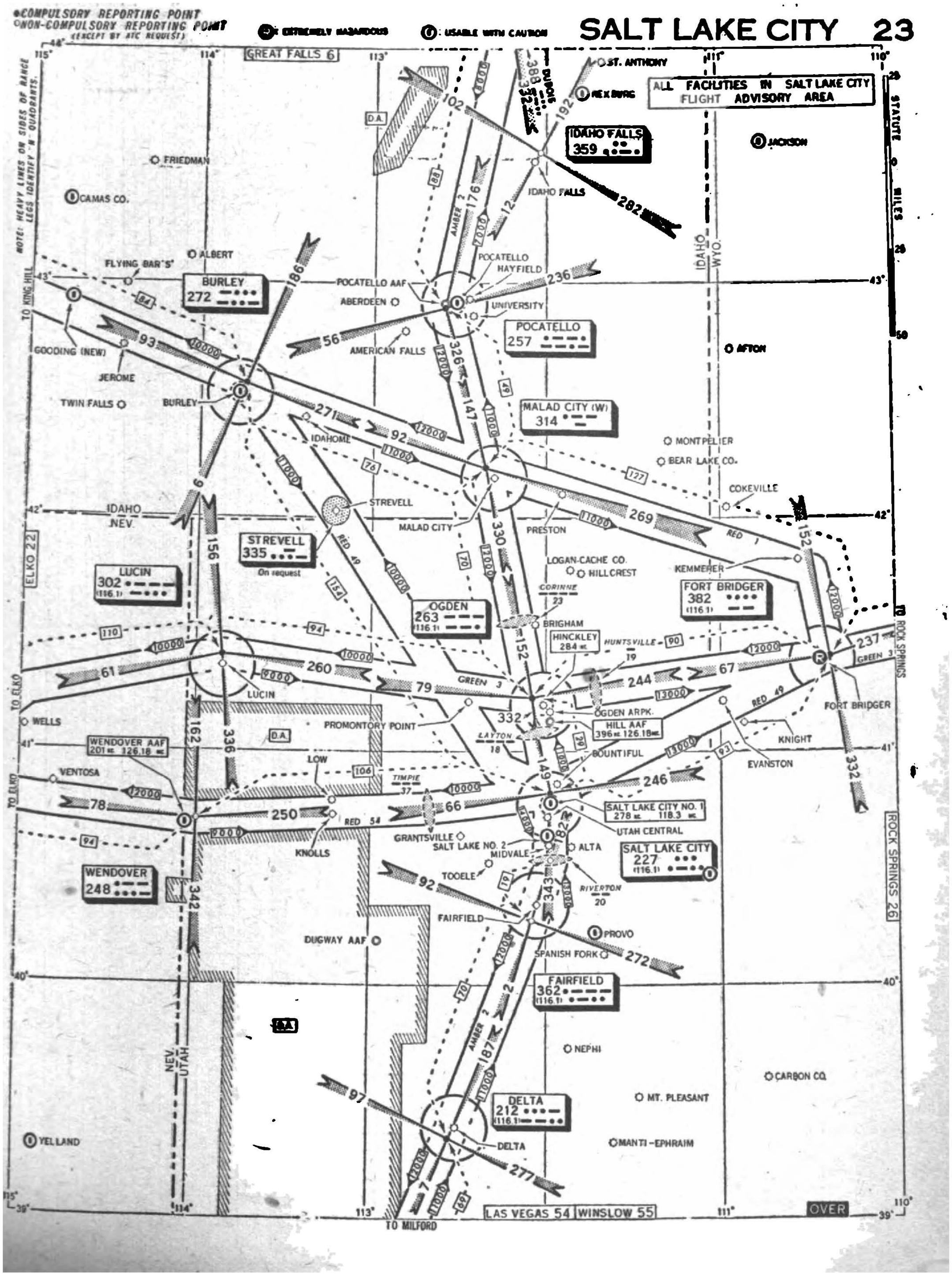
SALT LAKE CITY
OAKLAND

SALT LAKE CITY 23

YERINGTON ○

FRESNO 51 LAS VEGAS 54

SALT LAKE CITY 23



RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SBA..Z; 13°, 3.;	
POCATELLO	257 (PQ)	BMRLZ-DT, 58°,2.5	(4)
STREVELL	335 (TV)	MH	(4)
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-VDT, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (JL)(116.1)	BMRLZ-VDT,2°,4.4	(4); 116.1
HILL,(Ogden)+	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-VDP,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-VDT,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-VDTX	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 3	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 256°, 2.2	(3);126.18
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT.226°.2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE, UTAH	110.3 ·-·· ····	335	343° Mag	IM-	MM- ·-·· (.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE,riv NE	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW:RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding (new)	3.5 WSW,hwy N	3730	49h L5 S4	81 oct.
Gooding (old)	4 SSW	3570	20	
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Hills,trees S,SW,NE.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	IMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
		INDIANA		
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	73 oct.Fld lgts prior req.
SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91 oct.Rdo rec req.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.
		WYOMING		
Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
* Knight Int,6,SL-OH	5 S,riv NNE	7615	47 L3	
Hayfield (Tyhee,Idaho)	2 SE:RR W	4600	31 S6	No sto.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-VDT	4495,3117.5,116.1,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-VDT (ILS)	3105,4495,3117.5;131.7, 116.1 only.
WYOMING			
CASPER (Wardwell Field)	269 (CW)(116.1)	SBRAZ-VDT,263°,2	(4): 116.1
➔DOUGLAS	251 (DQ)(116.1)	SHVT	(4):116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1)	SBMRAZ-VDT 137°, 2.2	(4):116.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-VDT, 246°,2.8)	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-VDT, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WALKER, COLO.	110.3 .•.---	335	110°Mag	IM	MM .•-- (.69)	OM -- (4.52)	
					MMR	OMR	

S-Steerd. Range and Voice; W-Without Voice. 2-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — COLORADO

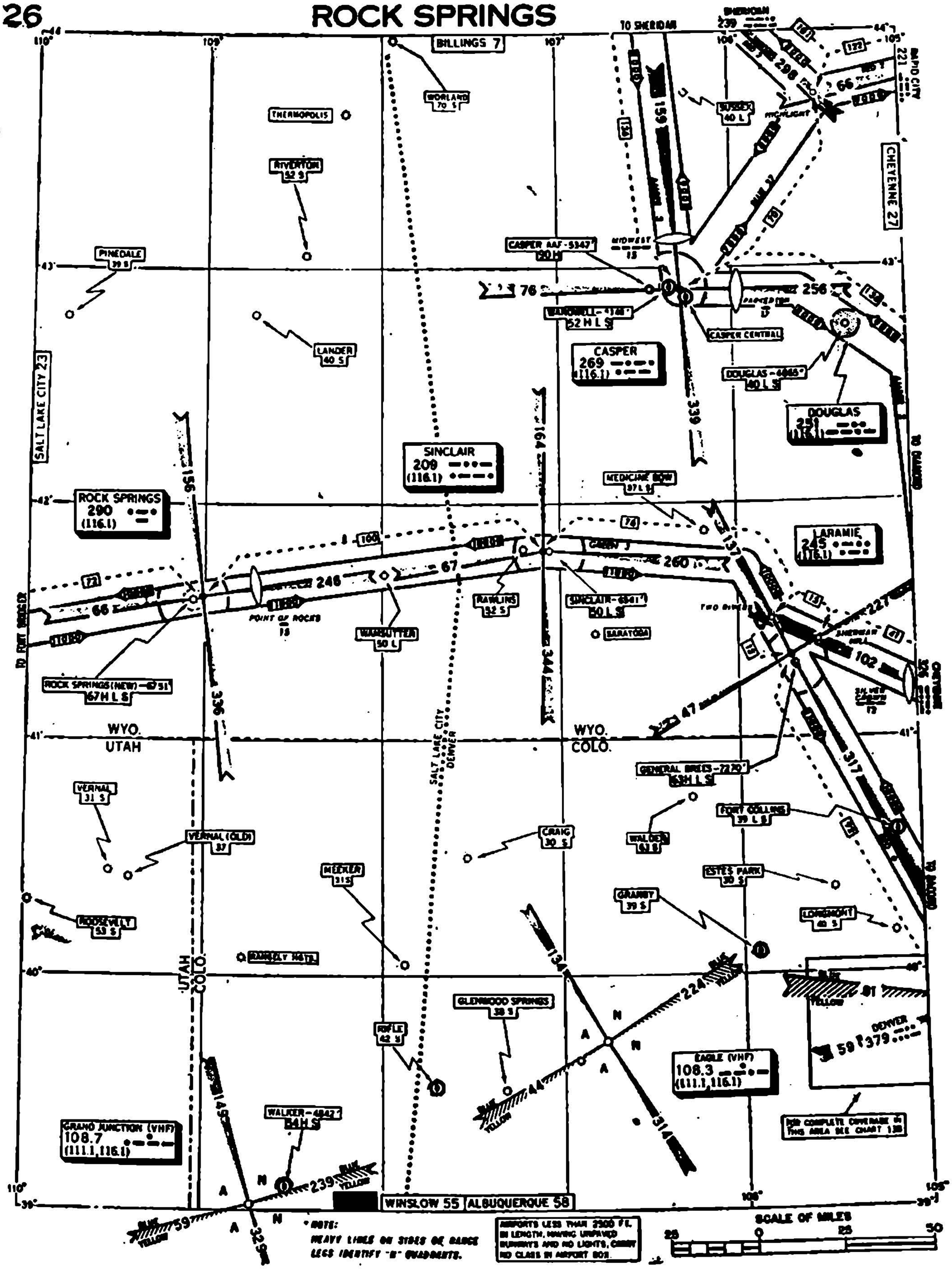
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030'	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
[redacted]				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h	CLOSED.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR I S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	73,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S1	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW,hwy E	6900	41	Poleline E.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not Charted. ➔ NEW OR REVISED DATA

ROCK SPRINGS



CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓔ: EXTREMELY HAZARDOUS

Ⓓ: USABLE WITH CAUTION

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

TO HIGHLIGHT

TO CASPER

TO GRAND ISLAND

TO SMOKY HILL

TO PUEBLO

ROCK SPRINGS 26

RAPID CITY 221

BISMARCK 10

PRESHO

MINNEAPOLIS

DENVER

STATUTE MILES

OMAHA 30

D.A.

RED 2

66

9000

MONDELL

122

BOURASSA

HOADLEY

HOT SPRINGS

EDGEMONT

346

102°

101°

44°

25

BENNETT CO.

On request

CHADRON
206
(116.1)

S.D.

NEB.

43°

50

CHADRON

GORDON MUN.

HAY SPRINGS

LUSK

CRAWFORD

FORT ROBINSON

WYO.

NEB.

S.D.

102

RED 31

136

AMBER 3

WHEATLAND

EAST SIDE

SCOTTSBLUFF
341
(116.1)

121

205

ALLIANCE MUN.

ALLIANCE AAF

SENECA

TORRINGTON

MITCHELL

SCOTTSBLUFF AAF

42°

191

227

LARAMIE
245

DIAMOND

33

BAYARD

8000

301

SIDNEY
314
(116.1)

BIG SPRINGS
391

NORTH PLATTE
236
(116.1)

CHEYENNE
278 118.3 126.18

MEADOWS
17

IDLE ACRES

65

OSHKOSH

74

BIG SPRINGS

21

ECKERT
29

SIDNEY

CHAPPELL

OGALLALA

6000

26

125

LEE BIRD

ARCHER
6

8000

256

7000

PINE BLUFFS

NEB.
COLO.

LORENZO

CHAPPELL

80

PAXTON

260

5000

GREEN 3

CHEYENNE
326
(116.1)

SCHWARTZ - JOHNSON

JULESBURG

GOTHENBURG

347

155

GRAND ISLAND
260

AKRON
368
(116.1)

154

159

69

FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 138

STERLING

HOLYOKE

117

IMPERIAL

244

HAYES CENTER

146

CROSIER

BLUE 36

ALVIN

66

DENVER
379
(111.1)

YOUNG

RED 6

McCOOK AAF

HAYES CENTER
400
(116.1)

McCOOK

DACONO
20

HENDERSON

AKRON

YUMA

WRAY

BENKELMAN

NEB.
KANS.

40°

239

261

WATKINS
15

AURORA
10

RODERICK

180

334

ANTON (VHF) (W)
108.7

ST. FRANCIS

ATWOOD

OBERLIN

LENORA

95

BLUE
YELLOW

90

270

87

309

CONTROLLED ONLY BETWEEN 8500 AND 9500 FT.

DENVER (VHF)
109.1
(111.1)

FRANKTOWN
30

STAKE'S

FLAGLER

COLO.
KANS.

EDDIE HUTTON

COLBY

GOODLAND

GOODLAND (VHF) (W)
108.3

GOODLAND (W)
353

MORLAND (VHF) (W)
109.1

CALHAN

HUGO

105°
39°

104°

103°

102°

101°

ALBUQUERQUE 58

AMARILLO 59

OVER

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1)	SBMRAZ-DTXV;155°, 2.4	(3); 131.7
DENVER (9 mi. ENE of Stapleton)	109.1(DV)(111.1)	VAR-DTV	(3); 131.7
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 346°, 9.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver
[redacted]			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
[redacted]			
BIG SPRINGS (Int.)	391 (BG)	BHT	(4)
CHADRON	206(HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.1	(4); 116.1
NORTH PLATTE (Lee Bird)	236(NQ)(116.1)	SBRAZ-DTV;352°,2.2	(4); 116.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;360°,0	(4); 116.1
[redacted]			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1)	SBRAZ-DTV	(3); 116.1
→ Cheyenne Airport	278(126.18,118.3)	C; 76°, 1.0	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;RR N	4648	34 S6	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4975	48 S1	73 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW;RR SE	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct.Poles S,SW.
[redacted]				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
[redacted]				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel.Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 R1 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W.Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
(A) SCOTTSBLUFF AAF (A)	3.3 E;hwy S	3945	82h R1	CLOSED.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained.Rough.Poles NE.

SOUTH DAKOTA

(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.

WYOMING

(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L5 S6	80,91 oct.Poles W.
East Side (Wheatland)	0.7 E;RR W	4750	21 S1	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	73 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
(P) Young (Fort Morgan)(Colo)	6 N; hwy E	4460	52 S4	73 oct.

-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

OMAHA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHVT	(4):116.1
CALIFORNIA FM	(- - - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)(116.1)	SBMRLZ-DTV	(3):116.1
← Sioux City Arpt.	396(126.18,118.3)	AC; 337°,1.9	(4):126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CT	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW;211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK)(116.1)	MHVT	(4):116.1

NEBRASKA

GRAND ISLAND	260(GI)(116.1)	SBMRLZ-VDT	(4); 116.1
Grand Island AAF	278 (126.18)	CA(ILS);165°,1.3	(3); 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-VDT, 170°,2.6	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
OMAHA	320 (OH)	SBRAZ-DT	(3)
Omaha Airport	278 (126.18)	C(ILS);146°,0.8	(4); 116.1,122.5,126.18.
OVERTON	278 (OV)	SRT	(4)

SOUTH DAKOTA

SIOUX FALLS	245 (YL)(116.1)	SBRAZ-VDT,63°, 2.3	(4);116.1
KEARNEY AAF, NEBR.	396(126.18) +	CA	(4):126.18 (8-17)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Omaha, Nebr.	110.3	335	1350 Mag.	IM- ····· (.06)	MM-	OM- — — (4.90)
					MMK-	OMK-
Grand Isl AAF,Nebr.	110.3	335	3490 Mag.	IM- (.08)	MM- ····· (1.00)	OM- — — (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
✚ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon l. 4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct, Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct. Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	18 S2	73 oct.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct.Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct. 25° pole line S.
Liberty(Sutherland)	2.1 WSW,RR W	1465	23 S6	80 oct. 35° pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct. Trees W.
Missouri Valley	1.5 S,RR W	960	16 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct. Poles NS.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Oliver Ranch (Onawa)	6 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW.
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct. Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.;91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.8 WSW,hwy S	1520	24 S2		73 oct.
Bern	0.6 S,RR N	1300	26 S1		80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2		80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2		80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2		80 oct.Data unver.;R NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1		80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	12 S1		80 oct. Poles N.RR S.
Hiawatha	1.3 WSW,RR S	1110	24 S1		80 oct. Pwr line N.
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6		80 oct. Pwr line N.
Larkinburg	0.3 S ;hwy N	947	27 S2		80 oct.Hi-lines N.Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6		80 oct. No ben. Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6		80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6		80,91 oct.Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4		73 oct.
(A)Marshall (Ft.Riley)(A)	1.8 SE	1062	45h R2 L5 S6		73,91,100 oct.Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2		73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3		73 oct.Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	879	42h R1 L5 S6		80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1		80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S2		80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24		Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1		80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2		80 oct.Pole line N,NW.
Wood Arpk,(Clay Ctr)	3.5 N,hwy W	1260	15 S6		80 oct.No sto.P-line W.

MINNESOTA

McDowell (Luverne)	8 NW,hwy W	1440	25 S4		80 oct.
Pipestone	1 SE,RR E,W	1735	20 S4		Ltd 80 oct.
Worthington	1.5 NNE		32 S6		80 oct Data unver

MISSOURI

Craig	0.6 NE,RR SW	875	25 S1		73 oct. Pole line WNW.
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4		80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6		83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6		73,80 oct.Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22		Trees S.Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	980	25 S6		80 oct.P-line N.NW.NE
(P)Beatrice	3.5 N,hwy E	1260	38h S4		80 oct.Twrs S,SW.Rnwy data unver.
Blair	3 NNW,RR E	1060	24 S6		80,91 oct.Windmill NW
* Brainard Int,82.SL-OH	5.5 SW,hwy W	1540	31 L3		
Broken Bow	2 N	2400	30 S6		80 oct.
Bruning	7.7 E,RR N	1544	68h		
Central (Grand Island)	1.7 NE,RR S	1851	33 S6		73,80 oct.P-lines W,S.
Clay Center	1.5 E,hwy N	1800	26 S2		73 oct. N.E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6		80 oct.Pole line E.
Columbus	1.3 NE,RR S	1445	25 S6		Pole line SSE.SSW.
Crete	1 S,RR NE	1368	24 L3 S2		73 oct.Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2		80 oct.Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2		73 oct.Poles NE,trees NW.
Elgin	0.8 SW,RR E	1930	16 S6		80 oct.Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct.Port rnwy lgts. P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
Falls City	2 SSW,riv N	910	14 S1	Ltd 80 oct.P-line N,W.
(P)Fremont	1.4 WNW,RRs NE	1203	38h S4	80 oct.Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2 L5 S2	73,100 oct. Twr SW.
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RRs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line S 80 oct.S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct,Pole NNW,SSW;
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E, bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct,Trees N;p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1	CLOSED
Lexington	1 W,RR S	2400	32 S5	Data unver.
Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct.Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct.Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohiowa	3 SW	1572	20	Fence sur fld.Data unver
OMAHA	3.5 NE,lake W	982	54h R3 L6 S6	73,80,91,100 oct.No contact lgts.
100th Meridian(Cozed)	0.8 SW,RR N	2490	22 S1	80 oct, Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 R1 L3	Bldgs,trees NW;poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct.Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
(A)Scribner AAF (A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	25	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct.Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct.All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct.P-line NW. req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW.
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

[redacted]

Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct.Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct.Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct.Pole line E,SE.
Mitchell	4 N,hwy E	1292	67h	
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct.Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens	1 N,riv E	1114	28 S6	80,91 oct.
SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S3	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.
Hawks (BruningNeb)	4 SE; hwy N			Fuel Data unverified.
Valley Nebr.	1.8 NW;RR NE	1053	22 S1	80 oct.

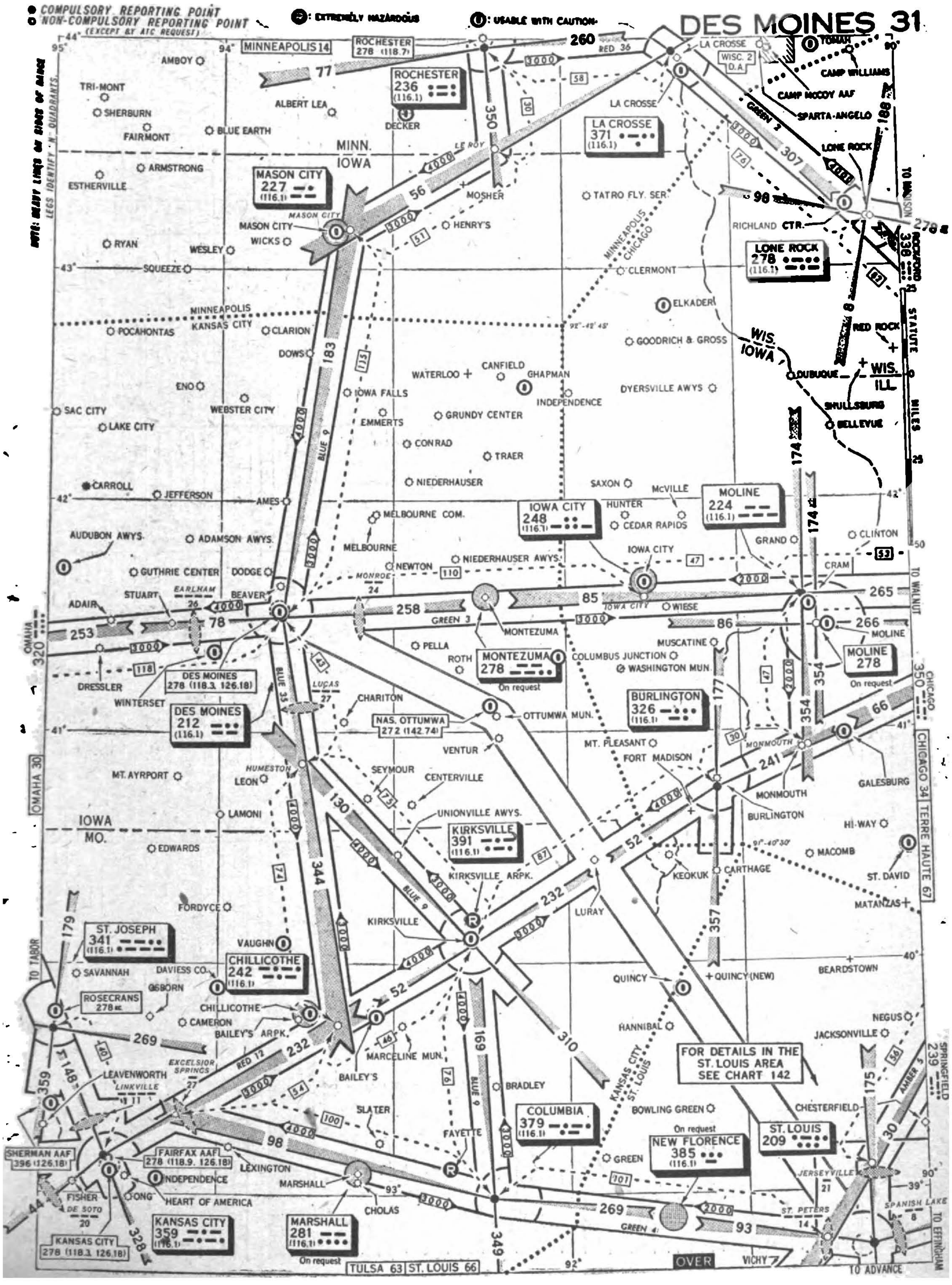
30 OMAHA

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF CHARTS LEGS IDENTIFY "E" QUADRANTS.

FARGO II
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
ANDERSON
MITCHELL
PIPESTONE
DELL RAPIDS
WORTHINGTON
McCOOKWELL
SIOUX FALLS 245
SIOUX FALLS
MINN.
IOWA
OKOBOJI AWYS.
JOHN E. PETERS
FULLER
McKTSICK
SHELDON
SPENCER
THORNE
HART
WINNER
PLATTE
GREGORY
MINNEAPOLIS DENVER
S. DAK.
NEB.
WAGNER
YANKTON
VERMILLION
LIBERTY
WESTERN UNION COL CHEROKEE
AINSWORTH MUN.
ATKINSON
KANSAS CITY DENVER
ELK POINT
RICKENBACKER
SIOUX CITY 335
SIOUX CITY 396 (118.3, 126.1R)
STORM LAKE
DES MOINES 31
NICHOLSON
WAYNE
PENDER
OLIVER RANCH
ELGIN
NORFOLK
EAGLETON
DENISON
CHEYENNE 27
WESTPOINT
CALIFORNIA
DUNLAP
MANNING
MISSOURI VALLEY
BRIGGS
HARLAN
SCRIBNER
FREMONT
BLAIR
OMAHA 320
ATLANTIC MUN
ATLANTIC
CLEAR RIDGE
VALLEY
BROKEN BOW
COLUMBUS
SCHUYLER
DAVID CITY
GRAND ISLAND 260
KEARNEY AAF (W) 536
COUNCIL BLUFFS
ATLANTIC 257
BRAINARD
WESTON
WAVERLY
OMAHA 278 (126.1R)
NORTH PLATTE 236
100TH MERIDIAN
LEXINGTON
OVERTON
KEARNEY
KEARNEY AAF 396 (126.1R)
HASTINGS SKY RANCH
GRAND IS. AAF 278 (126.1R)
HARVARD AAF
CLAY CENTER
HASTINGS
LINCOLN 385 (116.1)
LINCOLN
UNION
ARROW
OFFUTT AAF 396 (126.1R)
RED OAK
SHENANDOAH
CLARINDA
IOWA
MO.
TARKIO
FAIRMONT AAF
CRETE
OHIOWA
HAWES
BRUNING
BEATRICE
TECUMSEH
AUBURN
NEWS
TARKIO 281
HEWETT
HOLDREGE
HEBRON
FAIRBURY
FALLS CITY
NEB.
KANS.
SUMMERFIELD
BERN
NORTON
PHILLIPSBURG
SMITH CENTER
MANKATO
BELLEVILLE
MARSHALL AAF 215
SENECA
HIAWATHA
ST JOSEPH 341
HAWK'S
LARKINSBURG
WALOO (VHF) 108.7
DOWNS
MORITZ
BLOSSER
CLAY CENTER
WOOD AIRPARK
TOPEKA (VHF) (W) 109.1
MARSHALL AAF 396 (126.1R)
MANHATTAN
PHILLIP BILLARD 278
MANKAN
OTTAWATOMIE
ELKINS
HUNTOON
AMARILLO 59
WICHITA 62
TOPEKA 63


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
DES MOINES 31
MINNEAPOLIS 14
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ROCHESTER 236 (116.1)
LA CROSSE 371 (116.1)
MASON CITY 227 (116.1)
LONE ROCK 278 (116.1)
MOLINE 224 (116.1)
IOWA CITY 248 (116.1)
MOLINE 278
On request
MONTEZUMA 278
On request
DES MOINES 212 (116.1)
DES MOINES 278 (118.3, 126.18)
ST. JOSEPH 341 (116.1)
CHILLICOTHE 242 (116.1)
KANSAS CITY 359 (116.1)
KANSAS CITY 278 (118.3, 126.18)
MARSHALL 281 (116.1)
On request
BURLINGTON 326 (116.1)
COLUMBIA 379 (116.1)
NEW FLORENCE 385 (116.1)
ST. LOUIS 209
NAS. OTTUMWA 272 (142.74)
KIRKSVILLE 391 (116.1)
ROSECRANS 278
SHERMAN AAF 396 (126.18)
FAIRFAX AAF 278 (118.9, 126.18)
INDEPENDENCE
HEART OF AMERICA
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 142
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ST. LOUIS 66
OVER
TO ADVANCE
MINNEAPOLIS
ROCHESTER
LA CROSSE
WISC. 2 D.A
TOMAH
CAMP WILLIAMS
CAMP McCOY AAF
SPARTA-ANGELO
LONE ROCK
TO MADISON
RICHLAND CTR.
RED ROCK
WIS.
ILL.
DUBUQUE
SHULLSBURG
BELLEVUE
MILES
ROCKFORD 336
CHICAGO 350
CHICAGO 34
TERRE HAUTE 67
TO WALNUT
AMBOY
TRI-MONT
SHERBURN
FAIRMONT
BLUE EARTH
ALBERT LEA
DECKER
LE ROY
MOSHER
MINN.
IOWA
MO.
ARMSTRONG
ESTHERVILLE
RYAN
WESLEY
SQUEEZE
MASON CITY
WICKS
HENRY'S
TATRO FLY. SER
MINNEAPOLIS CHICAGO
CLERMONT
ELKADER
GARBER
WISC. IOWA
GOODRICH & GROSS
DYERSVILLE AWYS
INDEPENDENCE
CANFIELD
GHAPMAN
WATERLOO
IOWA FALLS
EMMERTS
GRUNDY CENTER
CONRAD
TRAER
NIEDERHAUSER
SAXON
McVILLE
HUNTER
CEDAR RAPIDS
MELBOURNE COM.
MELBOURNE
NEWTON
NIEDERHAUSER AWYS.
IOWA CITY
WIESE
GRAND
CLINTON
CRAM
MUSCATINE
COLUMBUS JUNCTION
WASHINGTON MUN.
MINNEAPOLIS KANSAS CITY
POCAHONTAS
CLARION
DOWS
ENO
WEBSTER CITY
SAC CITY
LAKE CITY
CARROLL
JEFFERSON
AMES
AUDUBON AWYS.
ADAMSON AWYS.
GUTHRIE CENTER
DODGE
ADAIR
STUART
EARLHAM
BEAVER
PELLA
ROTH
DRESSLER
WINTERSET
MT. AYRPORT
HUMESTON
LEON
LAMONI
EDWARDS
FORDYCE
VAUGHN
SAVANNAH
DAVIESS CO.
OSBORN
CAMERON
CHILLICOTHE
BAILEY'S ARPK.
LUCAS
CHARITON
VENTUR
SEYMOUR
CENTERVILLE
UNIONVILLE AWYS.
KIRKSVILLE
KIRKSVILLE ARPK.
LURAY
MARCELINE MUN.
BAILEY'S
BRADLEY
SLATER
FAYETTE
MARSHALL
LEXINGTON
CHOLAS
FISHER
DE SOTO
ONG
LEAVENWORTH
LINKVILLE
EXCELSIOR SPRINGS
MT. PLEASANT
FORT MADISON
MONMOUTH
BURLINGTON
GALESBURG
HI-WAY
MACOMB
KEOKUK
CARTHAGE
ST. DAVID
MATANZAS
QUINCY
+QUINCY (NEW)
BEARDSTOWN
HANNIBAL
JACKSONVILLE
NEGUS
BOWLING GREEN
GREEN
CHESTERFIELD
JERSEYVILLE
ST. PETERS
SPANISH LAKE
VICHY
TO EFFINGHAM
SPRINGFIELD 239
AMBER 3
KANSAS CITY ST. LOUIS
OMAHA
OMAHA 30
TO TABOR
STATUTE MILES
260
RED 36
77
183
350
56
58
30
76
307
98
188
174
85
86
258
253
78
26
27
118
110
24
47
53
50
265
266
354
177
66
241
52
232
344
179
359
148
269
93
92°-42°-45'
91°-40°30'
39°
40°
41°
42°
43°
44°
95°
94°

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARD.HRS. OF OPER.,REMARKS
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
MOLINE	224(MO)(116.1)	SBRAZ-VDT,142°,12	(4), 116.1
Moline Airport	278	ML, 86°, 2.3	3105 (on req)

IOWA

BURLINGTON	326 (BN)(116.1)	SBRAZ-DTV,357°,1.8	(4);116.1
DES MOINES	212 (DM)(116.1)	SBRAZ-VDT	(4);116.1
Des Moines Arpt.	278(126.18,118.3)	C, 344°, 2	(4);116.1,126.18,122.5,
EARLHAM FM	(- - - -)	FM, 258°, 26.3	Des Moines 118.3
IOWA CITY	248 (IX)116.1)	BHTV	(4):116.1
LUCAS FM	(- - -)	FM, 164°, 27.2	Des Moines
MASON CITY	227(NM)(116.1)	MHVT	(4)-116.1Oper. cont.
MONROE FM	(- -)	FM, 78°, 33.5	Des Moines
MONTEZUMA(Int)	278 (MZ)	MHT	(4)
OTTUMWA NAS	272 (142.74)	CN	(3), 142.74

KANSAS

FAIRFAX (Kansas City)	278 (126.18) (118.9)	C	(4),126.18,122.5118.9
SHERMAN (Ft. Leavenworth)	396 (126.18)+	CA	(3),126.18 cont.ex-cept Sun.(23-7)

MINNESOTA

ROCHESTER	236(RR)(116.1)	BMRLZ-VDT,350°,2.5	(3): 116.1
Rochester Airport	278(118.7)	C	(4):126.18.118.7.131.9

MISSOURI

CHILLICOTHE(Int)	242(CK)(116.1)	MHTV	(4):116.1
EXCELSIOR SPRGS FM	(-)	FM, 52°, 27	Kansas City
KANSAS CITY	359(KC)(116.1)	SBRAZ-DTXV	(3):116.1
Kansas City Arpt.	278 (126.18) (118.3)	AC (ILS),148°,3	(4), 116.1122.5,126.18, 118.3
KIRKSVILLE	391(KR)(116.1)	BMRLZ-DTV,333°,0.5	(4);116.1
LINKVILLE FM	(- - - -)	FM, 328°, 11.4	Kansas City
MARSHALL (Int)	281 (MH)116.1	MHTV	(4):116.1
ROSECRANS (St. Joseph)	278	C:355°,3.7	(4)
ST. JOSEPH (Rosecrans)	341(ZJ)(116.1)	SBMRLZ-DTV	(4) :116.1

WISCONSIN

LA CROSSE(Int)	371(LE)(116.1)	SBRAZ-VDT,127°,1.8	(4), 116.1
LONE ROCK (Int.)	278(LK)(116.1)	BMLZ-VDT,98°, 0	(4), 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER F. P.	APPR. BEAR.	MARKER BEACONS & VILLAGE RELIEF COMPASS LOCATORS	
KANSAS CITY, MO.	109.9	333.8 172° Mag	IM .....(.01)	MM (.65) OM -- (4.65)
			HMK 221----(2.6)	OMK 248---(11.0)

S-Simul. Range and Voice. W Without Voice. Z VHF Range Station Location Marker. CD-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3112.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Beardstown	1.5 SE; RR N,W		18 S2	80 oct. Data unverified.
Carthage	1.5 SSW,RR E	665	19	Pole line NE, E.
* Chesterfield Int. 4, LS-CG	3 ENE,hwy N	612	26 L3	
Galesburg	1.7 NW,RR SSW	788	27h L3 S6	80 oct. Fld lgts prior req. Trees SW., NE.
Hi-Way(Fiatt)	1.3 NW,RR E	665	20 S2	80 oct.35°poleline S,E.
Jacksonville	3.9 S,hwy E	650	19 S4	80 oct.Trees SW.
Macomb	2.4 E,hwy E	695	23 S6	73,80 oct. No sto.
Matanzas(Havana)	4 S,riv W	480	24 S2	80 oct.Data not verif.
(P) MOLINE	4 S,hwy E	590	40h R1 L3 S6	73,80,91,100 oct.Poles NW
Monmouth	1.5 NNE,rd E	770	31 L1 S6	80 oct.Poleline E,W,S.
Negus(Alexander)	2.8 WNW,RR SE	645	22	PRIVATE.
(P)Quincy	2.8 SE,hwy E	650	26 S4	80 oct.
St. David	1.5 SW,RR N	628	22 S2	80 oct. 200' stack NE

IOWA

Adair	1.5 SSE,RR NW	1350	18 S1	Ltd 73 oct.Trees S.
Adamson Airways	4.8 WSW,hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW,RR NW	920	25 S6	80 oct.Lgt acft only.
Armstrong	3.2 NW,hwy S	1250	22 S1	Ltd 80 oct.Trees E.
Audubon Arwys	1 SSE,RR W	1300	15 S1	80 oct. (Audubon)
Beaver	3.4 NW	900	25 S6	80 oct. (Des Moines)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted).
→ NEW OR REVISED DATA

ARPT.-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellevue	3 N,RR W	652	19 S1	80 oct.
(P)BURLINGTON	1.7 SSW,hwy E	698	34h R1 L5 S6	80,91,100 oct.
Canfield(Waterloo)	3.5 NW,RR NE	800	32 S6	87 oct.Pole line N.
Carroll	4.2 ESE,RR N	1196	34 S2	80 oct.
(P)Cedar Rapids	6.7 SSW,RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW, RR N	1017	25 S2	80 oct.Use strips only
Chapman(Waterloo)	5 E,RR NW	870	33 S6	80 oct.Poleline S.
Chariton C.A.P.	2.3 NNE,RR SF	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8 S,riv W	800	21 S6	80 oct. Poleline SE,NE.
Clinton	6.2 WSW,RR S	700	27 L S6	80 oct.No sto.Port rnwy
Columbus Jct.	3 N,RR E	580	28 S2	80 oct, Poleline N,E lgts.
Conrad	3 WNW,RR S	1000	23 S2	80 oct,27' bldg E.
Cram (Davenport)	2.5 NW,RR SW	646	21 S6	80,91,100 oct.
Creston Arwys	1.6 NE, RR W	1320		UNUSABLE.(NC)
(A)DES MOINES	4.5 SSW,RR W	950	57h R2 L5 S4	80,91 oct.ARMY TMP
Dodge (Grimes)	3.5 E,hwy,RR E	835	27 S6	80 oct. INACT:CIVIL
Dows	1.5 SSE,RR NE	1144	26 S2	80 oct. FACS
Dressler(Anita)	7 SSE,rd W	1250	17 S2	80 oct.Trees S.
(P)Dubuque	1.9 NE,riv E	602	27 S6	80 oct.Poles SE,NW.
Dyersv'l Arwys (Dyersville)	0.8 S, RR NE	940	16 S1	80 oct.Pwrlines NW NE.
Elliot Fly.Svc.	Adj S	550	Unl. S1	80 oct. (Davenport) (NC)
(P)Emmerts(Eldora)	2.8 NE,lake SW	1000	32 S6	80 oct. Poles NW,SE
Eno(Ft.Dodge)	2.5 E,hwy W	1126	27 S6	91 oct.
(P)Estherville	3.5 E,hwy S	1298	35 L S6	80 oct.Port rnwy lgts.
Goodrich&Gross (Strawberry Pt.)	3.5 W,RR NE	1200	19 S1	Ltd 80 oct.Poles SE,SW
Grand	1.2 SW,RR N	770	20 S2	80 oct. (Grand Mound)
Grundy Center	1.3 ENE,RR S	990	18 S1	80 oct.Pole line S.
Guthrie Center	0.5 NW,riv E	1074	21 S1	80 oct.
Henry's(Floyd)	5 NNE,RR W	1110	14 S1	80 oct.Poles ENE.Steep sloped strips.
(P)Hunter (Cedar Rapids)	3 S, riv N	732	27 L3 S6	80,91 oct.Fld lgts prior req. Poles S, E.
(P)IOWA CITY	1.7 SW, riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S, RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW,RR S	1052	23 S6	80 oct.No sto.Poleline
Keokuk	4.6 NNW,riv E	670	28 S1	Ltd 80 oct. N.
Lake City	3.5 NNE, RR S	1200	26 S1	80 oct.
* Lamoni Int,10, KC-MP	3 WNW, RR NE	1163	37 L3	
Leon	4.1 N, RR SE	1050	20 S2	80 oct.
McVille (Mechanicsv'l)	3.2 WNW,RR S	850	30 S6	80 oct. Poles S,W.
(P)MASON CITY	7 W,hwy S	1215	56h R1 L5 S6	80,91,100 oct. Poles SE.
Melbourne	1.5 SW	1000	20 S1	80 oct.Poles N.
Melbourne, com.	0.3 S,RR E	1000	21 S2	80 oct. Pole line E.
* Montezuma Int, 17, OH-CG	3 E,hwy N	953	32 R1 L3	Poles, trees SW. Pwr line N.
Mt.Ayrport (Mt. Ayr)	6.6 N, RR N	1100	21 S1	Ltd 80 oct.Poles N,NE
Mt. Pleasant	2.6 ESE,RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW,RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE,hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N, hwy E	990	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys(Grinnell)	4.5 E	1000	26 S2	80 oct.
Ottumwa	3.6 N,hwy W,S	830	32 S6	80, 91 oct.
(N)Ottumwa NAS	6.4 NNW	841	52h R1 L5 S6	73,100 oct. (N)
Pella	3.5 SE,RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW
Ryan (Emmetsb'g)	1.3 W,RR N	1225	16 S2	80 oct.Trees NW.
Sac City	3 SSE,riv W	1160	19 S2	80 oct.
Saxon(Ced.Rpds)	7 NE,hwy S	880	31 S6	80 oct.Trees E,SE.
Seymour	2 NNW,RR S	1060	24 S1	80 oct. Hedge S.
Squeeze(Algona)	5 S,riv S	1201	26 S2	80 oct.Pole line NW,W
* Stuart Int,8,OH-CG	3.5 SE,rd E	1189	31 L3	Pole line NE,E.
Tairo Fly.Svc.	2.6 NW,riv W	918	28 S2	80 oct. (Decorah)
Traer	1 ENE,RR SW	895	18 S2	80 oct.Pole line E.
Venture(Ottumwa)	2.8 SSE,RR W	800	13 S6	80 oct.Poleline N,W,NE
Washington	1.5 SSE,RR NE	769	26 S6	80 oct.Poleline E,SE.
Webster City	3.3 SW,riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E,RR N	1250	31 S1	80 oct. Poleline N,S.
Mosher(Riceville,Ia)	1 W,hwy S	1263		80 oct. P-line S Data unver.
Fort Madison (Ia)	1.5 N; RR W		27 S4	80 oct.Ltd sto.Data unver.
(P) Waterloo (Iowa)	4 NW; RR SE		54h L5 S1	80, 91 oct. Data unver

KANSAS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A)Fairfax (Kans.Cy)	3 NE,RR E	742	65h R1 L5S4	91, 100 oct. (A)
Fisher	1 ESE,RR N	770	26 S6	80 oct.(Edwardsville)
Leavenworth Le-compton	3.6 WSW,RR E	1125	14 S4	80 oct.No sto.Trees, bldg S.
(A)Sherman(Ft. Leavenworth)	1 NNE,RR W	771	60 R1 L5 S4	73, 91, 100 oct. (A)

MINNESOTA

(P)Albert Lea	2.3 N, RR E	1255	32 S6	80 oct.No sto.Poleline
Amboy	1 NNE, RR W	1000	24 S1	80 oct. N.
Blue Earth	3 S,RR E	1111	23 S1	80 oct.Poleline E.
Decker(Austin)	1.7 E,hwy N	1224	26 S4	73 oct.Obsts sur fld.
Fairmont	3.1 S,hwy W	1190	24 S1	80 oct.Poleline W.
ROCHESTER	1.7 SSE,RR W	1040	43h R2 L4 S6	80,91 oct. Polelins E,N
Sherburn	2 WNW,RRs S,E	1300	21 S2	80 oct.Pwr line ESE.
Tri-Mont	0.9 S,RR W,E	1250	22	(Triumph)

MISSOURI

Bailey's (Brook-field)	2 WSW,RR N	800	26 S2	80 oct.Pwr line SE. Poles E,SE;NW blckd
Bailey's Arpk (Chillicothe)	2 SSE,RR W	675	32 S6	80 oct.Poles S.
Bowling Green	1.6 NW,RR E	882	25 S2	80 oct.Poles S,pwrline
(P)Bradley(Moberly)	3 NNE,hwy W	865	37h S6	80 oct.Obsts. SE,
Cameron	2 E,RR NW	1050	21 S4	80 oct.Poles N,W,NNW.
* Chillicothe Int, 7, KC-CG	3ESE: RR N, SW	780	25h R1 L3	Pole line S,trees SW, 4000' strip avail.
Edwards	1.2 ENE,RR W	920	17 S1	Ltd 80 oct. (Grant City)
Fayette	1.5 S	660	28 S2	80 oct.Data unverified.
Fordyce(Bethany)	4.8 ESE,RR WNW	1050	22 S2	80 oct.
Green(Mexico)	4.3 ESE,RR S	815	36 L S6	80 oct.Port rnwy lgts.
Hannibal	4.3 WNW,hwy N	735	28 L S6	80 oct.Poleline SW.
Heart of America (Kansas City)	4 E,RR E	759	23 S6	80 oct. Port rnwy lgts. Poles,trees S.
Independence	5.8 ESE,RR S	825	23 S6	80 oct.Poles S.Poles E.
KANSAS CITY	2.5 NW,riv W,S	739	52h R3 L6 S6	80,91,100 oct.Flood lgts
Kirksville Arpk	Adj SE	927	26	Clsd for winter inop.
" 12, KC-CG	7 SE,hwy NE	970	39h R1 L3 S6	91, 80 oct.
Lexington	3 WNW,RR NW	650	33 S6	73 oct.Poleline S,W,SW
* Luray Int,16,	1.9 ESE,hwy N	727	26 L3	KC-CG
Marceline	1.5 N,RR SE	855	20 S1	80 oct. Pole line NNE.
* Marshall Int,7, KC-LS	1.8 S,hwy E	800	39 R1 L3 S2	80 oct.Silo NE corner
(P)Maryville	2.3 WNW,RR N	1154	25 S6	80,91 oct.
Nicholas(Marshall)	3.8 S,hwy W	770	26 S4	80 oct.Pwr line S.
* Osborn Int,4,	1.5 NW, hwy S	1046	32 L3	KC-MP
(P)ROSECRANS	4 NW,riv S	821	60h R2 L5 S4	(St. Joseph)80,91,100 oct
Savannah	1.3 E, RR W	1025	13 S1	80 oct. Fld lgts on req.
Slater	0.8 NW,hwy SE	850	26	Pole line adj N.
Unionville Arwys	1.5 ESE,hwy NE	1100	24 S2	80 oct.Pole line N.
Vaughn(Trenton)	1.2 NNW,RR E	790	26	

WISCONSIN

(A)Camp McCoy(A)	2.6 E Sparta	830	38h	RR W
(P)La Crosse	5 NNW,bet rivs	653	53h L5 S4	80, 91 oct.
* " Int,23A,	8 NNW,RR NE	667	37 R1 L3	Pole E.(CG-Twin Cys)
* Lone Rock Int, 15,CG-Twin Cys	2 N,rd W,N	714	39 R1 L3 S2	Ltd 80 oct.Poleline NE
Red Rock (Darlington)	5 SE,RR E		12 S1	80 oct.Data not verif.
Richland Center	6 SSE,hwy W		23 S1	80 oct.Trees E,S.Data not verified.
Shullsburg	0.5 S	1000	18 S1	80 oct.Trees SW.Data not verified.
Sparta-Angelo	2.2 NE,RR E	800	25 S1	80 oct. Poles sur fld.
Tomah	1 E,RR N	970	18 S1	73 oct. 180' hill E.
(P)Camp Williams (Camp Douglas,Wisc.)	1 N, RR SW	915	45h S2	No fuel.Rnwy data unver. Obsts SE,S.Clsd winter.
Elkader Ia.	1.1 ESE;RR S	915	17 S2	80 oct.Pole line NW;
Independence Ia.	4.1 W;RR E	990	23 S2	80 oct.Poles N.
Roth (Oskaloosa)Ia.	2 SSE;RR NE	850	20 S2	80 oct.Trees sur fld.
Wicks (Garner)Ia.	1.8 NW;RR S	1230	26 S2	80 oct.Poles NW,SW.
Winterset Ia.	2 W;RR E	1130	20 S4	80 oct.
Quincy,new(Ill.)	9.5 E	760	54h	Data unverified.
Daviess County (Gallatin,Mo.)	1.1 W,RR N	930	16 S1	80 oct.Pole N.
Wiese Fly. Serv. (Lone Tree,Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-VDT,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-VDT,45°,1.8	(4); 116.1
INDIANA			
LOWELL FM	(. . - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	359(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
WISCONSIN			
GENERAL MITCHELL (Milwaukee)	278 (118.5)	C	(4); 118.5
GENESEE FM	(- - -)	FM, 279°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-VDT,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-VDT,352°,2.5	(3); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

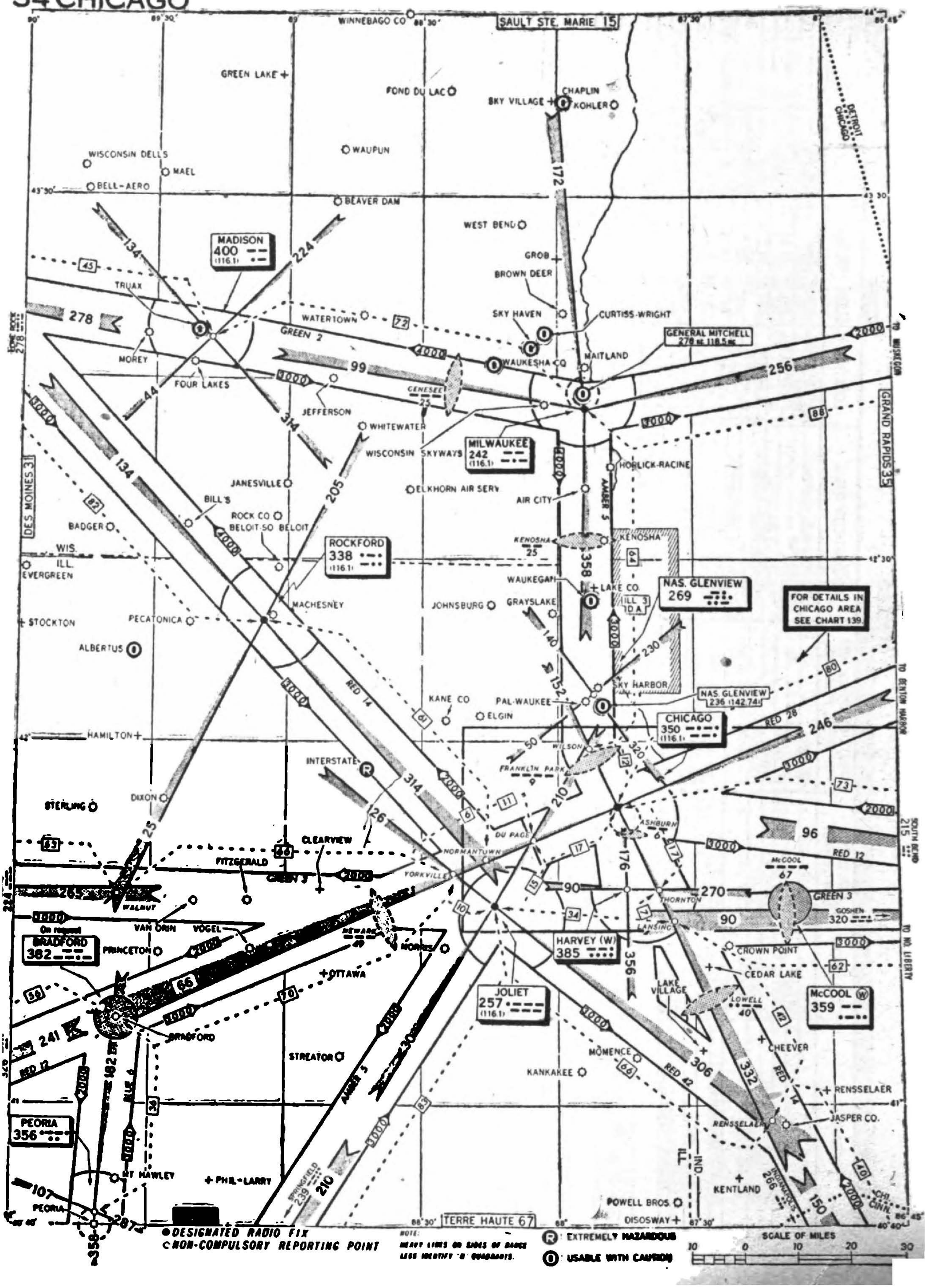
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

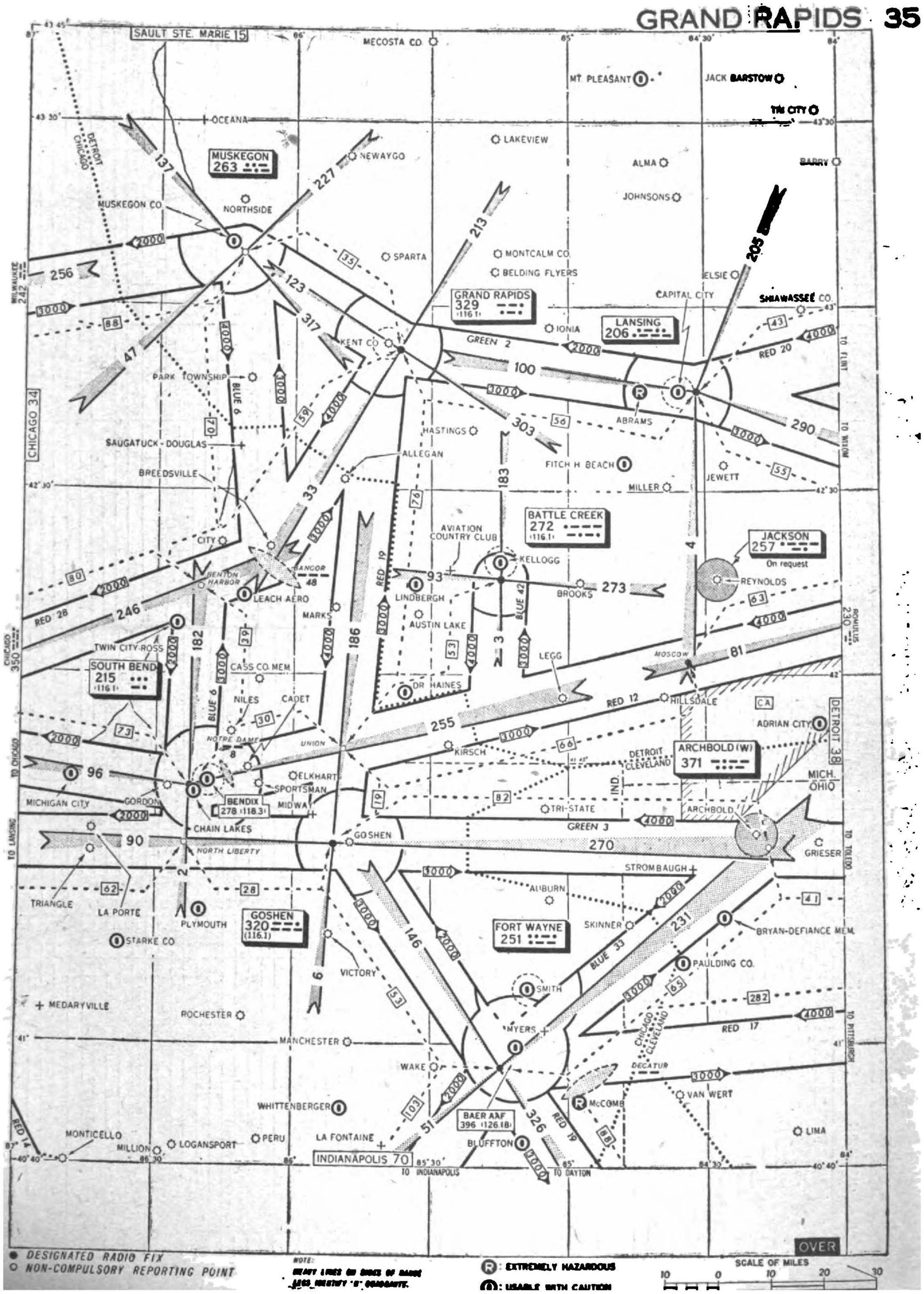
AIRPORTS — ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8 SE,RRS,W	740	33 S4	73 oct. Tank S.
Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Trees, bldg SW.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	26 L3 S6	73 oct. No bndry lgts. Poles N,S.
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct.
Evergreen (Warren)	1.4 SSE;hwy S	1000	26 S1	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto. NAFC
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv W	735	29 R1 L4 S6	73,80 oct. Pole line E.
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	650	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 L3 S4	80 oct. No bcn. Lgts prior req.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
INDIANA				
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S1	80 oct. P-line E. Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;RR NE	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.
WISCONSIN				
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
Beaver Dam Inc.	2 N;lake W	914	15 S1	80 oct.
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE;hwy W	590	25 S6	80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	858	60h R1 L5 S2	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80 oct. No sto. P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc, Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Hamilton Arpt (Polo) (Ill)	2.5 NE	795	25 S3	80 oct. Data unverified.
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

34 CHICAGO


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT 215 CHICAGO
WISCONSIN DELLS
MAEL
BELL-AERO
WAUPUN
BEAVER DAM
172
MADISON 400 (116.1)
134
224
WEST BEND
GROB
BROWN DEER
TRUAX
278
WATERTOWN
72
SKY HAVEN
CURTISS-WRIGHT
GENERAL MITCHELL 270 or 118.5
GREEN 2
4000
99
WAUKESHA CO
MAITLAND
256
MOREY
FOUR LAKES
44
GENESEE 25
JEFFERSON
314
WHITEWATER
GRAND RAPIDS 35
MILWAUKEE 242 (116.1)
WISCONSIN SKYWAYS
JANESVILLE
ELKHORN AIR SERV
HORLICK-RACINE
AIR CITY
AMBER 3
205
BILL'S
ROCK CO
BELOIT-SO BELOIT
BADGER
82
KENOSHA
25
ROCKFORD 338 (116.1)
WAUKEGAN
LAKE CO
NAS. GLENVIEW 269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
MACHESNEY
JOHNSBURG
GRAYSLAKE
140
358
ILL 3
10 A
STOCKTON
PECATONICA
ALBERTUS
SKY HARBOR
NAS GLENVIEW 236 (142.74)
KANE CO
PAL-WAUKEE
ELGIN
CHICAGO 350 (116.1)
RED 28
246
HAMILTON
WILSON
FRANKLIN PARK
INTERSTATE
DIXON
STERLING
210
DU PAGE
ASHBURN
96
RED 12
McCOOL 67
CLEARVIEW
FITZGERALD
NORMANTOWN
YORKVILLE
176
90
270
GREEN 3
THORNTON
LANSING
GOSHEN 320
WALNUT
VAN ORIN
VOGEL
NEWARK
MORRIS
HARVEY (W) 385
CROWN POINT
CEDAR LAKE
BRADFORD 382
PRINCETON
OTTAWA
JOLIET 257 (116.1)
LAKE VILLAGE
LOWELL 40
McCOOL (W) 359
BRADFORD
STREATOR
MOMENCE
KANKAKEE
RED 42
306
332
RED 14
CHEEVER
RENSSELAER
JASPER CO.
PEORIA 356
ST HAWLEY
PHIL-LARRY
PEORIA
SPRINGFIELD 239
INDIANAPOLIS 266
KENTLAND
POWELL BROS
DISOSWAY
TERRE HAUTE 67
150
TO BENTON HARBOR
TO MUSKEGON
TO MT. LIBERTY
SOUTH BEND 215
DES MOINES 31
IOWA CITY 278
EVERGREEN
WIS.
ILL.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BARBS LESS IDENTIFIED 'R' QUADRANTS.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
30 20 10 0 10 20 30


SAULT STE. MARIE 15
MECOSTA CO
MT. PLEASANT
JACK BARSTOW
TIN CITY
OCEANA
LAKEVIEW
ALMA
BARRY
MUSKEGON 263
NEWAYGO
JOHNSONS
DETROIT CHICAGO
MUSKEGON CO.
NORTHSIDE
SPARTA
MONTCALM CO.
BELDING FLYERS
ELSIE
GRAND RAPIDS 329 (116.1)
CAPITAL CITY
SHIAWASSEE CO.
LANSING 206
IONIA
KENT CO.
GREEN 2
RED 20
PARK TOWNSHIP
BLUE 6
ABRAMS
HASTINGS
SAUGATUCK - DOUGLAS
ALLEGAN
FITCH H BEACH
JEWETT
BREEDSVILLE
MILLER
CITY
BATTLE CREEK 272 (116.1)
AVIATION COUNTRY CLUB
KELLOGG
JACKSON 257
On request
REYNOLDS
BENTON HARBOR
BANGOR
LEACH AERO
MARKS
LINDBERGH
BROOKS
AUSTIN LAKE
DR HAINES
LEGG
MOSCOW
TWIN CITY ROSS
SOUTH BEND 215 (116.1)
CASS CO. MEM.
NILES
CADET
NOTRE DAME
UNION
HILLSDALE
ADRIAN CITY
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
KIRSCH
ELKHART
SPORTSMAN
BENDIX 278 (118.3)
MIDWAY
MICHIGAN CITY
GORDON
CHAIN LAKES
TRI-STATE
ARCHBOLD
GREEN 3
GOSHEN
NORTH LIBERTY
GRIESER
STROMBAUGH
AUBURN
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320 (116.1)
FORT WAYNE 251
SKINNER
BRYAN-DEFIANCE MEM.
STARKE CO.
VICTORY
PAULDING CO.
SMITH
MEDARYVILLE
ROCHESTER
MYERS
MANCHESTER
WAKE
DECATUR
VAN WERT
McCOMB
WHITTENBERGER
BAER AAF 396 (126.18)
LIMA
MONTICELLO
MILLION
LOGANSPORT
PERU
LA FONTAINE
INDIANAPOLIS 70
BLUFFTON
TO INDIANAPOLIS
TO DAYTON
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "E" BOUNDARIES.
R: EXTREMELY HAZARDOUS
(R): USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAER, FORT WAYNE	396 (126.18)	CA (ILS)	(3); 142.74,126.18 (16-8)
BENDIX (South Bend)	278 (118.3)	C	(4); 118.3,126.18,131.9
DECATUR FM	(- -)	FM, 99°,17.1	Ft. Wayne
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,89°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LJ)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Baer, Indiana	110.3		314° Mag.	IM- (.05)	MM- ····· (1.05)	OM- -- (4.55)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne) (A)	7 SSW;RR E	798	63h R3	TMP INACT NO FACS
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line S, N.
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;hwy N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct.
La Fontaine	5 NE;hwys N,W		19 S4	80 oct. Data unver.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts. Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	752	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld. No sto.
Triangle Air Service (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. Poles E. Data unver.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.
MICHIGAN				
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W. Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct. P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct. No sto. P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW;RR SE	750	31 S4	80 oct P-lines E,NE.
City (South Haven)	4 S;RR W	640	30 S4	73 oct. Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto. Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct. P-line NW,SE. Rdo repairs.
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto. Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.
OHIO				
★ Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
(P) Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S. Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct. Poles N,S,NW,NE.

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.5	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (118.7)	CI	(4); 118.7 (8-24)

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272 (126.18)	C; 45°, 0.4	(4);116.1,131.9,126.18
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM	(. . -)	FM, 31°, 83	Columbus
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Selfridge, Mich.	109.5	332.6	184° Mag.	IM- (.23)	MM- ••••• (.81)	OM- -- (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W Without Voice, Z-VHF Range Station Location Marker; (3)-3185, 4495, 6210 kcs; (40)-3185, 4495, 6210, 33117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1. 137.88, 148.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct. Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	73 oct.
Caro	3 WSW;RR SE	699	22 S2	80 oct. SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. Trees S,E.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY. Rdo rcv rqrd.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73.80.91 oct. * - Tank w side
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct. Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. No sto Poles NW;bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct No sto.
Nunn-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	335	30 S4	73 oct. No sto. Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S.
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD, ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct. Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE, SE, SW, NW.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. Poles N.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct. No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct, 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor) (NC)	5 W		26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;RR E	690	21 S1	80 oct.
Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct. Poles N. Stumps NW. No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int,4B,CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	73,83,91 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). → [illegible] REVISED DATA.

38 DETROIT

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

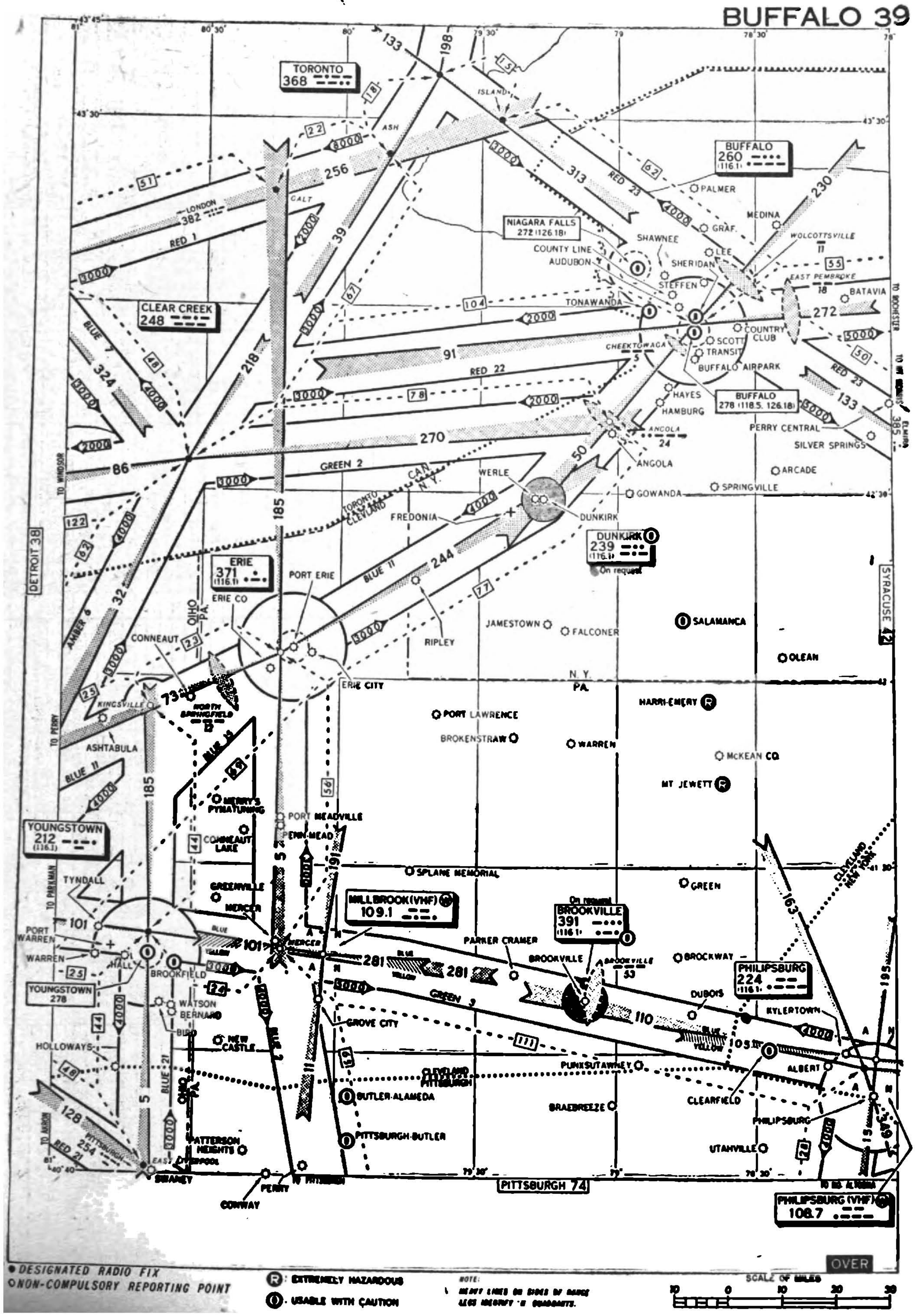
SAULT STE. MARIE 15
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
GRAND RAPIDS 35
CROSWELL CITY
MICH. 3 D.A.
On request
FLINT 335
DALTON
WEST'S
FORREST
BISHOP 278
LAPEER
SEELY'S
BAKER'S
ST CLAIR CO MUN.
ALLEN'S
CENTER
OXFORD
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
PONTIAC
HOWELL
WIXOM 20
ROMULUS 230 (116.1)
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE 20
MILAN
WILLOW RUN 332 (118.7)
YPSILANTI 341
TECUMSEH
NEWPORT OLF
DETROIT CLEVELAND MONROE
NAS. DETROIT 269 (142.74)
MONROE
MICH. NATIONAL AVIATION
OHIO
FRANKLIN
TOLEDO 263
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
OAK HARBOR
BOWLING GREEN
BRICKER
SLAGER
TOLEDO 239 (116.1)
NORWALK
PARKS
SNYDER
TIFFIN
FINDLAY
WILLARD
MANSFIELD
ASHLAND
FINDLAY 209
GAGE
PORT BUCYRUS
GALION
DAYTON 245
COLUMBUS 71
COLUMBUS 391
HAYESVILLE
HAYESVILLE 329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
TO LANSING
TO MUSKEGON
TO ARCHBOLD
TO FORT WAYNE
TO TROY
LANSING 206
STATUTE MILES

DETROIT AREA

WIXOM 20
BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
WINDSOR 353
DETROIT CITY 278
DETROIT 201
GREEN 2
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC.
HARTSELL AIR TERM.
FORD
STINSON
ROMULUS 230 (116.1)
ROMULUS AAF
HANCE
SCALE OF MILES
WINDSOR 353
CLEAR CREEK 248
GREEN 2
BUFFALO 39
CAN.
OHIO
On request
PERRY 332 (116.1)
AMBER 6
CLEAR CREEK 248
ERIE 371
FOR DETAILS IN CLEVELAND AREA SEE CHART 139
CLEVELAND 344 (116.1)
AVON LAKE
BROOKSVILLE
VERMILION
ELYRIA
BLUE 11
BLUE 15
PARKMAN
NORTH ROYALTON
KENT STATE
AKRON 362 (116.1)
AKRON 272 (126.18)
WESTFIELD
LING
MILLER
TAYLORCRAFT
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
HOMERVILLE
MEDINA-PRICHARD
WOOSTER
TO YOUNGSTOWN

OVER

BUFFALO 39


TORONTO 368
BUFFALO 260 (116.1)
NIAGARA FALLS 272 (126.1R)
LONDON 382
CLEAR CREEK 248
ERIE 371 (116.1)
DUNKIRK 239 (116.1) On request
BUFFALO 278 (118.5, 126.1R)
YOUNGSTOWN 212 (116.1)
YOUNGSTOWN 278
MILLBROOK (VHF) 109.1
BROOKVILLE 391 (116.1)
PHILIPSBURG 224 (116.1)
PHILIPSBURG (VHF) 108.7
PITTSBURGH 74
ISLAND
ASH
CALT
PALMER
MEDINA
GRAF.
SHAWNEE
COUNTY LINE
AUDUBON
LEE
SHERIDAN
STEFFEN
TONAWANDA
EAST PEMBROKE
BATAVIA
WOLCOTTSVILLE
CHEEKTOWAGA
SCOTT
COUNTRY CLUB
TRANSIT
BUFFALO AIRPARK
HAYES
HAMBURG
ANGOLA
PERRY CENTRAL
SILVER SPRINGS
ARCADE
SPRINGVILLE
GOWANDA
WERLE
DUNKIRK
FREDONIA
PORT ERIE
ERIE CO
CONNEAUT
RIPLEY
JAMESTOWN
FALCONER
SALAMANCA
OLEAN
ERIE CITY
N. Y.
PA.
HARRI-EMERY
PORT LAWRENCE
BROKENSTRAW
WARREN
McKEAN CO
MT JEWETT
KINGSVILLE
ASHTABULA
NORTH SPRINGFIELD
MERRY'S PYMATUNING
CONNEAUT LAKE
PORT MEADVILLE
PENN-MEAD
SPLANE MEMORIAL
GREENVILLE
MERCER
TYNDALL
GREEN
PORT WARREN
WARREN
HALL
BROOKFIELD
WATSON
BERNARD
BIRD
NEW CASTLE
HOLLOWAYS
PARKER CRAMER
BROCKWAY
DUBOIS
KYLERTOWN
GROVE CITY
PUNXSUTAWNEY
ALBERT
CLEARFIELD
BRAEBREEZE
BUTLER-ALAMEDA
PITTSBURGH-BUTLER
PATTERSON HEIGHTS
SHANEY
CONWAY
PERRY
UTAHVILLE
TO WINDSOR
TO DETROIT 38
TO PERRY
TO PARKMAN
TO AKRON
TO ROCHESTER
TO SYRACUSE 42
CLEVELAND NEW YORK
TORONTO CLEVELAND
CAN. N.Y.
OHIO PA.
CLEVELAND PITTSBURGH
43°45'
43°30'
81°
80°30'
80°
79°30'
79°
78°30'
78°
42°30'
41°30'
40°40'
79°30'
79°
78°30'
78°
133
198
15
18
22
8000
51
256
4000
39
313
RED 23
62
230
RED 1
3000
2000
67
104
55
50
5000
91
RED 22
78
48
218
324
RED 7
270
86
GREEN 2
122
63
32
185
AMBER 6
25
73
BLUE 11
BLUE 13
59
56
44
52
191
101
281
BLUE
YELLOW
GREEN 3
110
111
105
53
272
133
385
163
195
128
RED 21
254
WITTSBURGH
EAST LIVERPOOL
244
77
12
OVER
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 'A' BOUNDARYS.
SCALE OF MILES
30 20 10 0 10 20 30

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	FM, 230°, 24	Buffalo
→ BUFFALO	260(BJ)(116.1)	SBRAZ-VDTX	(3); 116.1
Buffalo Airport	278 (126.18) (118.5)	AC;230°,0.9	(4);118.5,126.18,131.9
CHEEKTOWAGA LFM	(- - -)	LFM,239°,4.7	Buffalo
DUNKIRK	239(DK)(116.1)	MHVT	(4); 116.1
EAST PEMBROKE FM	(- -)	FM, 92°, 17.5	Buffalo
NIAGARA FALLS AIRPORT	272 (126.18)	CI	(4);126.18 (8-20)
WOLCOTTSVILLE FM	(-)	FM, 50°, 11	Buffalo

OHIO

YOUNGSTOWN	212(CT)(116.1)	BRAZ-VDT	(4);116.1
Youngstown Airport	278	CI; 185°,3.5	(4); (630-2030)

PENNSYLVANIA

BROOKVILLE FM	(- - -)	FM, 290°, 53	Philipsburg
BROOKVILLE (Int.)	391(BR)(116.1)	MHV	(4);116.1
ERIE (Port Erie)	371(ER)(116.1)	SBMRAZ-VDT,64°,2	(4); 116.1
NORTH SPRINGFIELD FM	(- - -)	FM, 253°, 12	Erie
PHILIPSBURG	224 (MJ)(116.1)	SBRAZ-VDT,169°,5	(4);116.1
PHILIPSBURG	108.7 (MJ)	VARW	
MILLBROOK	109.9(MC)	VARW	

CANADA

CLEAR CREEK, ONT.	248 (QO)	BRAZ-T	(4)
TORONTO, ONT.	368 (YZ)	SBRAZ-TX	3105,6210,3117.5

S-Simul. Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3) 3105, 6695, 6210 kcs. (4) 3105, 6695, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ✈ - Army A C S transmits on and guards 116.1, 122.88, 148.58 mcs

AIRPORTS

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct.No storage.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct.Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct.
(N) BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct.ARPT. OF ENTRY.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct.Trees SW.
County Line (No.Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h R1 L5 S6	80,91 oct.
Erie Co.Aero Park (Hamburg)	3.5 WSW;RR E,W	750	18	Pole line S.UNUSABLE.(NC)
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct.No storage.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Inc.	2 NNW;RR,hwy W	722	23 S2	80 oct.Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct.No storage.
Jamestown	4.1 N;hwy E	1719	27h S6	80 oct.Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct.Pole line N.
Medina	2 W;RR S	500	21 S1	80 oct.Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct.JP-1.No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct.Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23 S1	80 oct.Pole line,trees N,E.
Perry Fly.Service (Perry)	3.3 W;RR W	1640	21	Pole lines NNE. (NC)
Ripley	1.4 WNW;lake N	650	22 S4	80 oct.No storage.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W unverifie
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct.No storage.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E. NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.
	7.3 NW	570	103 S6	80 oct. Ramp; all face.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII); (NC)-Not charted.

→ NEW OR REVISED DATA

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E.Rnwy info
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld. unver.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.

OHIO

Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct.Pole line N,S,W.
Bird (Youngstown)	2.6 NE; RR W	1000	22 S4	80,91 oct.Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Holloways (Greenford)	1 ENE;RR W	1250	15 S1	80 oct.Wires E.
Sky Harbor (Williamsfield)	1 S;hwy E	1140	26	Poles E. (NC).
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct.No storage.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct.Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.

PENNSYLVANIA

Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct. Trees N,NE. data unver.
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
★ Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 R1 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct.Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct.Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data unverif.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.Poleline
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct.Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel.Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct.Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct.Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct.Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1ENE;riv N	1480	28 S2	80,91 oct.Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Philipsburg,Site 51A,CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80,91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct.Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct.Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct.Port. rnwy lgts.
Utahville	1N;RR S	1800	22 S2	Ltd 73 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct.Port rnwy lgts.
Port Warren (Warren,Ohio)	1.5 N;RR W		24 S1	80 oct. Date unver.

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
DANSVILLE	212(DA)(116.1)	MHVT	(4); 116.1
ELMIRA (Chemung Co.)	385(EA)(116.1)	SBRAZ-VDT,75°,1.8	(4); 116.1
ROCHESTER	206(RC)(116.1)	BMRLZ-VDT	(4);116.1
Rochester Airport	278	CI;298°,2.2	3105,4495 (8-24)
ROME AAF	396 (126.18) +	CA	(4); 126.18 (8-22)
SYRACUSE	350(SR)(116.1)	SBRAZ-VDT	(3);116.1
Syracuse Municipal	278	C ; 178°, 2.2	(4)
TRI-CITIES (Endicott)	278	CI	3105(days)
UTICA	359(UA)(116.1)	BMRLZ-VDT,151°,3.0	(4);116.1

PENNSYLVANIA

ALLENTOWN (Allentown-Bethlehem)	320(ZA)(116.1)	SBMRAZ-VDT,192°,2.7	(4); 116.1
LAKE CAREY FM	(- - - -)	FM, 360°, 20.8	Wilkes-Barre
SLATINGTON FM	(- - - -)	FM, 290°, 12	Allentown
SUNBURY	353(SV)(116.1)	MHVT	(4);116.1
SUNBURY	108.3 (SV)	VARW	
WILKES-BARRE (Wilkes-Barre-Wyoming Valley Airport)	272(WI)(116.1)	SBMRAZ-VDT,243°,2.6	(4);116.1
WILLIAMSPORT	253(IA)(116.1)	BMRLZ-VDT,219°,7.5	(4);116.1

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna(Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek, Belvidere	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24	S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18	S2	80 oct.Trees N.
Bonnie Brae (Owasco)(NC)	1.7 SW;RR W	960	17		Cattle on fld.
Brizee (Pittsford)	2 E;RR N	422	25	S4	80 oct.Pole line S,NW.
Canastota	1.3 WSW;RR N	540	22	L1 S1	80 oct.
Carthage	1 E;RR NW	740	20	S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23	S1	80 oct.Pole line E.
(P) CHEMUNG CO. (ELMIRA)	6.5 NW;RR S	951	40h	R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21	S4	80 oct.
Colgate Univ. (Hamilton)	5.4 N;RR W	1178	25	S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18	S4	80 oct.Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30		20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30	S6	80 oct.Wooded ridge E.
Costa's (Painted Post)	2.7N NW;RR	960	16	S1	80 oct.Trees W,NW.
Crowner (Wellsville)	1 W;RR E	1506	22	S2	80 oct.Obsts sur fld.
(P) Dansville	1 NW;RR NE	662	40h	R1 L3 S6	80 oct.Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22	S1	80 oct.Trees S,W.
Fulton	2.6 NNE;rd W	469	40h	L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20	S6	80 oct.Rnwy data unver.Brush WNW.
Hancock (NC)	1.5 SSE;RR E	905	17		Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16	S1	80 oct.3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20	S4	80 oct.Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24	S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27	S6	80 oct.Trees E.
Ithaca	1.3 NW;inlet E	386	25h	S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27	S4	80 oct.Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19	S1	80 oct.Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20	S1	Ltd 73 oct.Pole line NE.
Martin(Montour Falls)	1 NE;RR W,E	460	13	S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19	S1	80 oct.Pole line S.
Meacham-Genesee (Rochester)	6 S;RR N	564	22	L S6	80 oct.Floodlgts in emerg.
Mercury (Hammondsport)	1 WSW;RR N	750	15	S2	80 oct.Hill W.
Elmira	2 SSW;RR E	890	16		Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	960	14		Trees WSW.

NEW YORK

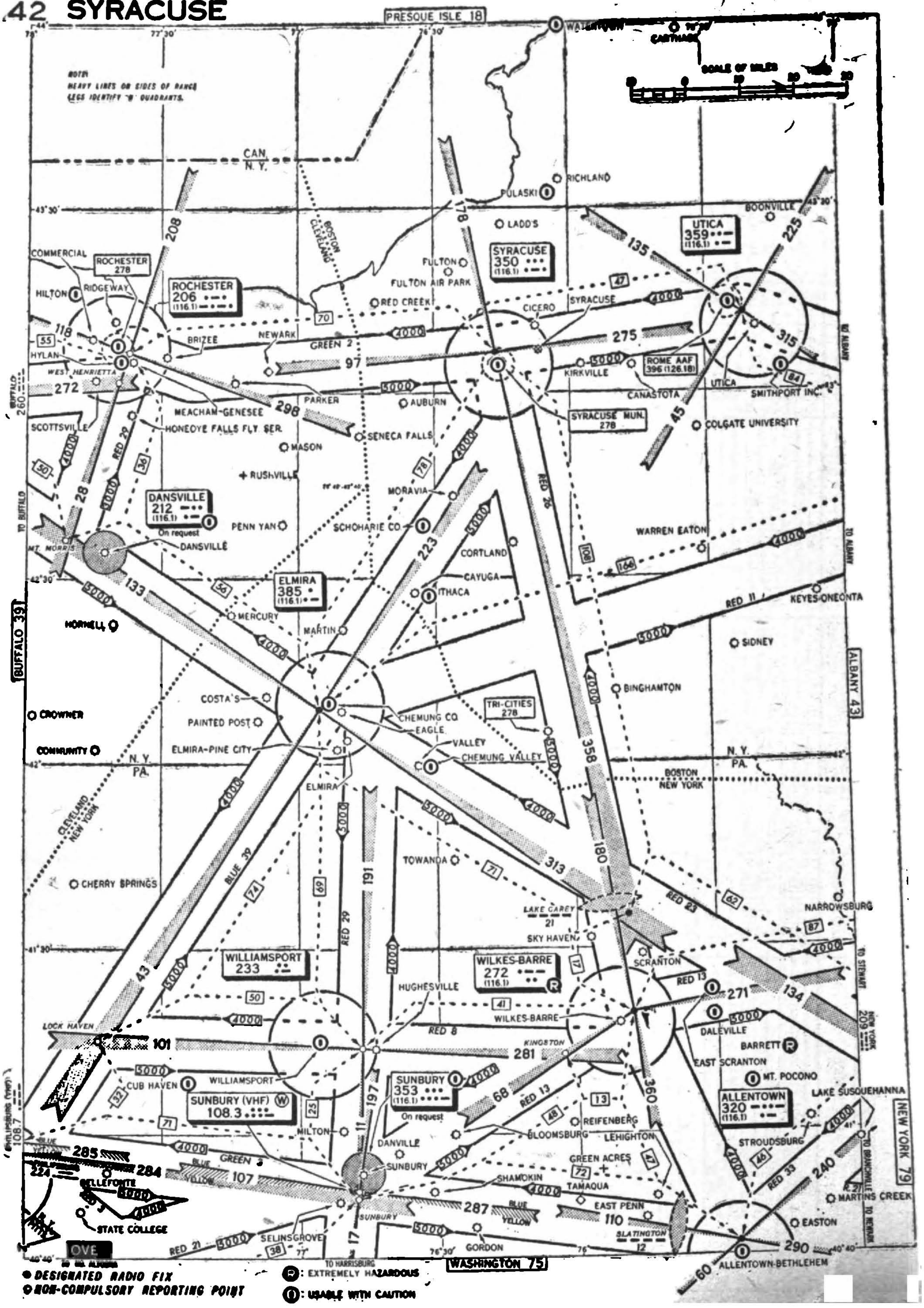
AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW;RR E	730	20 S1	80 oct.S appch blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct.Mts N,NE.
★ Newark Int,27A,CV-AZ	1.3 NNW;rd N,E	490	19 L3	Pole N.
Painted Post	4.4 SW;RR W	950	19 S2	80 oct.Trees E,W.
Parker (Palmyra)	2.8 S;RR N	540	15 S1	80 oct.
Penn Yan	1.1 S;lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW
Red Creek	0.8 SSE;RR N	355	16 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S1	80 oct.Hi-line S.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OP ENTRY
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct.JP-1.
Scottsville	1 N;RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct.Pole line S.
(A) Syracuse AAF(A)	3.5 NNE;hwy W	419	55h	CLOSED
" MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct.Rdo req rqrd
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE.
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees S.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct.Wooded ridge E.
F) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req.ARPT OP ENTRY
Schoharie Co.(Richmondville)	1.3 NE; RR N	1000	16 S1	80 oct. Trees E.
Smithport Inc.(Utica)	3.5 SSE	1150	20h S1	80,91 oct. Data unverified
Rushville	2.5 NNE	1120	20 S1	Unverified.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy W	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW, E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	21 S4	73 oct.
Cherry Spgs. (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct.Trees W,SE, NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	775	19 S4	80 oct.Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct.Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct.Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
Gordon	1.8 W;RR E	960	18 S2	80 oct. Hill S.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant)(NC)	3 N;rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct.Pole line SW.
Mt.Pocono,21,BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct.Pole line NE.
Mt. View (Nicholson)(NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91oct. Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S;RR N	639	20 S1	80 oct.Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct.Poles adj W.
Stroudsburg-E. Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 R1 L1 S6	80 oct. No sto.
★ Tamaqua,Int,61B;CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct.Pole line SW,NE.
Wilkes-Barre-Wyoming Valley	3.5 NNE;riv S	546	35h R1 L3 S4	80,91 oct.
(P) Williamsport	5.1 E;riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S. N.
Hugheaville	0.6 S;crk E	570	12 S2	
Boonville (N.Y.)	4.5 ESE;riv NE	1273	29 S1	80 oct. Obst sur fld.
Green Acres (Hazleton)(Pa)	4 SE	1260	20 S4	80,91 oct Data unver

h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

42 SYRACUSE


PRESQUE ISLE 18
WATERTOWN
CARTHAGE
SCALE OF MILES
NOTE:
HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.
CAN.
N. Y.
PULASKI
RICHLAND
BOONVILLE
LADD'S
UTICA
359
(116.1)
SYRACUSE
350
(116.1)
FULTON
FULTON AIR PARK
COMMERCIAL
ROCHESTER
278
HILTON
RIDGEWAY
ROCHESTER
206
(116.1)
BOSTON CLEVELAND
RED CREEK
CICERO
SYRACUSE
HYLAN
BRIZEE
NEWARK
GREEN 2
WEST HENRIETTA
KIRKVILLE
ROME AAF
396 (126.18)
UTICA
CANASTOTA
SMITHPORT INC.
MEACHAM-GENESEE
PARKER
AUBURN
HONEOYE FALLS FLY SER.
SCOTTSVILLE
SYRACUSE MUN.
278
SENECA FALLS
COLGATE UNIVERSITY
MASON
RUSHVILLE
MORAVIA
DANSVILLE
212
(116.1)
On request
PENN YAN
SCHOHARIE CO
DANSVILLE
MT. MORRIS
WARREN EATON
CORTLAND
CAYUGA
ITHACA
ELMIRA
385
(116.1)
MERCURY
MARTIN
KEYES-ONEONTA
HORNELL
SIDNEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
TRI-CITIES
278
CHEMUNG CO
EAGLE
VALLEY
CHEMUNG VALLEY
COMMUNITY
ELMIRA-PINE CITY
N. Y.
PA.
BOSTON
NEW YORK
CLEVELAND
NEW YORK
CHERRY SPRINGS
TOWANDA
LAKE CAREY
21
SKY HAVEN
NARROWSBURG
WILLIAMSPORT
233
WILKES-BARRE
272
(116.1)
SCRANTON
HUGHESVILLE
WILKES-BARRE
DALEVILLE
BARRETT
EAST SCRANTON
MT. POCONO
LOCK HAVEN
CUB HAVEN
WILLIAMSPORT
SUNBURY (VHF)
108.3
SUNBURY
353
(116.1)
On request
ALLENTOWN
320
(116.1)
LAKE SUSQUEHANNA
MILTON
DANVILLE
REIFENBERG
BLOOMSBURG
LEHIGHTON
STROUDSBURG
SUNBURY
GREEN ACRES
SHAMOKIN
TAMAQUA
EAST PENN
110
MARTINS CREEK
STATE COLLEGE
SELINSGROVE
GORDON
SLATINGTON
EASTON
ALLENTOWN-BETHLEHEM
TO BUFFALO
TO ALBANY
TO HARRISBURG
WASHINGTON 75
NEW YORK 79
NEW YORK 209
ALBANY 43
BUFFALO 39
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(I): USABLE WITH CAUTION

ALBANY

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

PRESQUE ISLE 18
TICONDEROGA
BURLINGTON 323
On request
GLENS FALLS 206 (116.1) Ⓞ
FAIR HAVEN
TWIN STATE
On request
LEBANON 209 (116.1) Ⓞ
NORTHFIELD
MONTPELIER
BLUE 4
RUTLAND
PISECO
PLATEAU
SACANDAGA PARK
GLENS FALLS
WARREN CO.
N.Y. VT.
LEBANON
NEWPORT
CLAREMONT
HARTNESS
TO CONCORD
BLUE 40
STEENBURGH
GLOVE CITY
CARPET CITY
BALLSTON SPA
SARATOGA SPRINGS 24
EQUINOX
VT. N.H.
BOSTON 46
GREEN 2
VAUGHAN Ⓞ
LONG MEADOW
SCHUYLERVILLE
HAYDUK
SCHENECTADY CO
FORT PLAIN Ⓞ
KEENE
ALBANY Ⓞ 365 (116.1)
BENNINGTON
DILLANT-HOPKINS
AURIESVILLE 27
STONE ARABIA
STEVENS
BRATTLEBORO-HINSDALE Ⓞ
SKY HAVEN
BRIGGS Ⓞ
INTERCITY Ⓞ
VT. N.H. MASS.
RED 11
COOPERSTOWN
COLONIE 6
TROY
FAIR VIEW FARM Ⓞ
ALBANY 278 (126.18)
ADAMS
TURNERS FALLS
ORANGE
GARDNER
EAST GREENBUSH
SELKIRK
RAVENA
VALLEY AIRPK.
WESTOVER AAF 272
PITTSFIELD
PILGRIM
LaFLEUR
HILLER
FARLY'S
MEDWAY 28
CATSKILL
CATSKILL VALLEY
GREAT BARRINGTON
WESTFIELD 230 (116.1)
BARNES
METROPOLITAN
WESTOVER AAF 396 (126.18)
SPRINGFIELD
W. SPRINGFIELD
CANAAN
BRADLEY 284 kc 126.18 Mc
BOWLES
AGAWAM
KINSLEY
SIMSBURY
KINGSTON-ULSTER
KINGSTON
MILLERTON
NEW PALTZ
WALLKILL NO 2
BOSTON
NEW YORK
LIVINGSTON MANOR
CLIFF HAVEN
COZINE
AERO LAKE
NEW HACKENSACK
STEPHENSON
WEATOGUE
RENTSCHLER 254 (126.18)
STEWART Ⓡ 236 (116.1)
FREEDOM PLAINS
NEWBURGH-WALDEN
MONTGOMERY
ARLINGTON
WINDHAM
HARTFORD 329 (116.1) Ⓞ
MONTICELLO
WURTSBORO
WINGDALE
WATERBURY
LIME RIDGE
STORMVILLE
RED 13
MERIDEN 18
MONTGOMERY NO 1
STANTON'S
BROOKFIELD Ⓞ
BETHANY
BRAINARD 278
SALEM
STARHAVEN
RANDALLS
HUGUENOT
WAPPINGERS FALLS
DANBURY
LUFBERY
MERIDEN 278
WATERFORD
DOANE
GROTON TRUMBULL
MATAMORAS
SOMERS
MONROE
BLUE 41
NEW HAVEN Ⓞ
WEST HAVEN
HAMMONASSET Ⓞ
ELIZABETH AAF
STEWART AAF 396 (126.18)
SUSSEX
CROTON
CHRISTIE
WESTCHESTER
BRANCHVILLE
WARWICK-WICKHAM
SPRING VALLEY
MILLER
BRIDGEPORT 269 kc
N.Y. 3 D.A.
ALLENTOWN 320
NEW YORK 209
WESTCHESTER CO. 260 kc
NEWARK 341
PORT CHESTER 24
NEW YORK 79
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK CO.

OVER

CONNECTICUT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BRADLEY(Windr Locks)	284(126.18)	CI	3105,4495:126.18 (6-18)
BRAINARD(Hartford)	278	C	(4), 131.9,126.18
BRIDGEPORT ARPT	269	C	(4), 116.1,131.9
EAST HARTFORD (Rentschler)	254 (126.18)	CI	(3)
HARTFORD (Brainard)	329(HT)(116.1)	SBMRAZ-VDT, 323°,2.3	(3), 116.1
MERIDEN FM	(- - -)	FM, 244°, 17.6	Hartford
MERIDEN ARPT.	278	CI	3105.4495 (days)

MASSACHUSETTS

WESTFIELD (Barnes)	230(WJ)(116.1)	BMRLZ-VDT 270°, 1.7	(4) 116.1
WESTOVER(Chicopee Falls)(Army)	272 (DO])	BMRAZ	(3) (GCA)
Westover Fld	396 (126.18)+	CA(ILS),239°,2.7	(3); 126.1 [illegible]

[illegible]

LEBANON	305(LPV)(116.1)	MHVT	(4), 116.1

NEW YORK

ALBANY Albany Arpt.	365(AZ)(116.1) 278 (126.18)	SBRAZ-VDT C, 196°, 3	(3), 116.1 (4),116.1,126.18,122.5
AURIESVILLE FM	(- - - -)	FM, 302°,27.2	Albany
COLONIE LFM	(- - -)	LFM, 206°, 5.7	Albany
GLENS FALLS	206(GB)(116.1)	MHVT	(4), 116.1
MEDWAY FM	(. . - - -)	FM, 206°, 27.6	Albany
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
SARATOGA SPGS. FM	(-)	FM, 280, 24	Albany
STEWART FIELD Stewart Field	[illegible]	BMRL-VDT CA, 180°, 2.5	(3), 116.1 (7-23)
WESTCHESTER CO (White Plains)	299		(4)(7-23)

INSTRUMENT LANDING SYSTEMS (localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATOR)	
Westover, Mass.(L6)	109.9	333.8	239° Mag.	IM (.49)	MM- ·—·—· (.79) OM- — —(3.38)
					MMK- OMK-
Westover, Mass(L6)	109.5	332.6	59° Mag.	IM- (.02)	MM- ·—·—· (.72) OM- — —(4.42)
					MMK- OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthesized Numbers in Frequency Column Indicate VHF Voice.
+ — Army A.C.S. transmits on odd guards 116.1, 137.88, 148.58 mcs.

AIRPORTS CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Bethany	1.3 N,hwy E	680	21 L2 S6	80,91 oct.No bcn. Lgts
(P) Bradley (Windsor Locks)	2.8 WNW,RR, riv E	171	50h R1 S6	Antenna prior req. S. No fuel.
BRAINARD(Hartford)	2.8 SE,RR W	19	48h R2 L5 S6	80,91,100 oct.Dike E,N
(N,P) BRIDGEPORT	3.5 ESE	9	48h R1 L5 S4	80,91 oct.
Brookfield	0.3 S,RR,riv E		10 S6	80 oct.No sto.Data unve
Canaan	1 N,RR W	680	24 S6	80,91 oct.No sto.Pole line SW.
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line WSW,SSE
Doane (Essex)	1.2 SW,RR E,N	30	21 S6	80,91 oct, Trees N, NW.
Groton Trumbull	2.6 SE,RR W	10	50h	(Groton)
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufbery (Wallingford)	0.5 WSW,RR E	80	22 S6	80 oct.No sto.Stacks S,
Meriden	2.7 SW,RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S N.
Monroe	0.7 SSE,rd E	620	20 S6	80 oct. Rd. W.
NEW HAVEN	3.5 SSE,riv W	4	42h S6	80,91 oct; ltd 100 oct. Pole line NW.
Rentschler (E.Hartf'd)	1 S,riv W	40	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E,lk NNE	400	21 S6	80 oct.
Simsbury	2.6 NNE,RR W	170	17 S6	80 oct.Trees SE.
Stephenson (Bristol)	1.6 ESE,RR N	240	18 S6	80, 91 oct.
Waterbury (Plymouth)	2.6 S,RR E,W	843	20 S6	80 oct.
Waterford	1.7 N,RR SSE	60	20 S6	80 oct.Trees,hill S.
West Haven	2.7 SW,hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Windham	3.5 NNW,hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

Adams	1.3 SSE,RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S,riv E	50	16 S6	80 oct.Pole line SE.
BARNES(Westfield)	3 NNE,RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW,trk E	190	40 S4	80 oct.Poleline S,SSE.
Brookfield's	1 W,RR SW	680	20 S6	80 oct.P-line SW,W,NW
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.Poleline ENE. Hill NNE.Lgt acft only
Gardner	2 SW,hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW,riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (N.Brookfield)	6.5 NNW	600	35 S3	80 oct. Data unver.
La Fleur (Northampton)	1.2 ENE,riv SW, N	120	26 S4	80 oct.No sto.
Metropolitan(Palmer)	5 N,riv W	400	19 S6	80 oct.Hill N.
(P)Orange	1.5 SE,hwy SE	555	50h S1	80 oct.Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto.Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy N	1140	27 L3 S1	80 oct.Poleline N.
Southbridge	1 N	700	26 S4	Data unver.
Springfield	2.3 NE,RR S	205	26 S6	80,91 oct.Bldgs W
Stevens (N.Adams)	2.8 WSW,RR N	890	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct.Wooded ridge SE,SW.
(A)Westover (Chicopee Falls) (A)	3.8 NNE,riv W	244	70h R3 L6 S6	73,91,100 oct.No sto.
West Springfield	1.5 N,riv E	65	19 S4	Data unver.

NEW HAMPSHIRE

Claremont	1.3 W,riv NE	520	28h S2	80,91 oct.Wooded ridge
Dillant-Hopkins(Keene)	2 S,riv,RR W	481	40h S6	80 oct. NNE
Brattleboro-Hinsdale (Hinsdale)	2.7 NW,RR W	360	18 S4	80 oct.Lndg flares prior req.
Keene Arpk.	3 NW,RR W	500	21 S6	No fuel or sto.100' hill
Lebanon	3.3 WSW,RR N	579	40h R1 L5 S4	80 oct.Rdo repairs SE.
Newport	2 NNW,RR W	780	26 S4	80 oct.Pole line E.

NEW JERSEY

Sussex	1.2 WSW,RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

Accord (NC)	0.7 N,RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE,RR W	220	23 S4	80 oct.Trees S.
(P)ALBANY	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF ENTRY
Arlington(Poughkeepsie)	1.5 E,RR E	280	18 S4	80 oct.Pole-line NE,trees SW.
(P)Ballston Spa	3 N,RR E	433	40h L5 S6	80,91 oct.Fld lgts prior req
Briggs (Carlisle)	0.6 SE,RR W	1320	12	
Carpet City (Amsterdam)	6 N,rd NW	887	18 S6	80 oct.Use strips only.
Catskill (Cairo)	2 E,hwy S			ABANDONED
Catskill Valley (Catskill)	1.5 SW	100	23 S3	80 oct.Data unver.
Christie (New City)	1.5 N,RR E	150	16 S4	80 oct.Poleline SW.
Cooperstown	1.4 NNW,RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE,RR W	200	20 S1	87 oct.Pole line W.
Cliff Haven (Accord)	11 W,RR S	260	16 S1	80 oct.
East Greenbush	0.8 NW,RR W	260	38 L S6	80 oct.Port rnwy lgts.
(A)Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn. P-line N.
Farly's (New Baltimore)	3 S,RR W	10	20 S1	80 oct.Trees N.
Ft.Plain Int,40A,CV-AZ	3 NNW,RR NE	680	35 L3	
Freedom Plains (Billings)	2 W,rds N,E	340	11 S1	80 oct.Pwr line S.
Glens Falls,18,LG-UL	2.6 NW,rd S	474	36h R1 L3 S6	80 oct.
Glove City(Gloversv l)	1.5 NE,RR S	860	17 S1	80 oct.
Halcott (Halcott Ctr.)	1 N		10 S1	80 oct.Data unver.
Hayduk (Herkimer)	0.6 SSW,RR N	400	12 S4	Ltd 80 oct.Poleline E.
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity(Schenectady)	3.6 SSE,RR NE	340	20 S4	80 oct.
Kingston	1.5 NW,RR S	156	17 S4	80 oct.Pole line NW.
(P)Kingston-Ulster	2.7 N,RR E	160	30 S4	80 oct.No sto.P-line E
Lime Ridge (Beekman)	1.3 SE,RR S	420	16 L2 S6	80 oct.All lgts prior req

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Livingston Manor	0.5 SE,RR W		21h S4	80 oct.,91oct req.Data unver.
Long Meadow (Rexford)	1.5 NE.RR N,W S.	360	17 S1	80 oct.Poles NNE
Margaretville-Fleischmanns (Margaretville)	0.2 S,riv W		21 S4	80,91 oct.No sto.P-line NE.Data unver.
Miller (Nyack)	1.8 WNW,riv E	70	17 S6	80 oct.No sto.P-line SW
Millerton	1.5 N,RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW,riv W	393	22 S6	80 oct.Trees N,brush E.
(A)Montgomery U.S.Mil. Academy #1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan Co.	1.4 S,RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts. Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW,riv W	404	32 S6	73,80 oct.Obsts sur fld.
(P)New Hackensack	0.5 W	156	35h	Obsts NE.
New Paltz	0.8 W,RR E	190	20 S1	80 oct.
Piseco	0.5 N,hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau (Northville)	2.5 E,riv ESE	1040	24 S6	80,91 oct. NNE Trees S.
Randall's (Middletown)	1.8 ESE,RR NW	520	20 S2	80 oct.
Ravena	1.2 N,riv 2 E	180	14 S2	80 oct.Lgt acft only.
Rockland (New City)	1 SSE,RR E	240	14	Trees W,hwy E.(NC)
Sacandaga Park (Northville)	1 SW,RR W	770	13 S1	80 oct.Pole line WSW.
(P)Schenectady Co.	3 N,RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S,riv E	100	29	Trees N,S.
Selkirk	2.7 E,riv E	160	22	Trees N.
Sky Haven (Delanson)	0.9 NW,RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE,RR E,S	568	20 S4	80 oct.No sto.
Stanton's Newburgh Cub Port (Newburgh)	5.3 NW,RR S	520	12 S2	80 oct.Trees S.
Starhaven(Middletown)	1.3 NW,RR SW	750	29	Trees SW,SE,NW,RR N.
Steenburgh Avia.Svc. (Gloversville)	1.5 ENE,RR N	900	8 S1	80 oct.
(A)Stewart(Newburgh)(A)	4 W,hwy N	474	61h R2 L5 S6	100 oct
Stone Arabia(Ft.Plains)	3.6 ENE,hwy E	880	18	Pole line NNW.
Stormville	1 ENE,RR S	350	23 S4	80 oct.No sto.Trees NE
Ticonderoga Int,22, LG-UL	2.7 NNE,rd E	210	32 L3	Obsts sur fld.
Troy	2 SSE,riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park (Middleburg)	1.5 NNW	635	16	Data unver.
Vaughan(Johnstown)	1 E,hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A)Wallkill,U.S.Mil.Acad. #2 (A)	3 NW,riv E	340	35h	CLOSED.
Wappingers Falls	0.9 SE,rd S	152	21 S4	80 oct.P-line E,W,S.
WARREN CO (Glens Falls)	2.4 NNE,rd N	325	40h L5 S1	80 oct. No flood lgts.
Warwick-Wickham	4.5 NE,RR W	540	24 S4	80 oct. Ridge N.
Westchester(Armonk)	0.5 SSE,riv E	380	23 S6	80,91 oct.Trees sur fld
(P)Westchester Co.(White Plains)	4 NE,lake W	435	50h R1 L5 S6	80,91 oct days:100 oct, lgts prior req. FEE.
White (Bedford)(NC)	3.6 SE,hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE,RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

Matamoras	0.5 SSE,riv SE	450	18h L4 S6	80 oct.No bcn. Lgts prior req

VERMONT

Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E,riv E,N	700	18 S6	80 oct.Poleline,min E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW,riv E	570	20 S6	80 oct.
Rutland	5.8 SSE,hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW,riv,RR E	540	19h S6	80 oct.Hill NW prior req
Spring Valley (N.Y.)	0.3 E		19	Fuel,sto.Data unver.
Hammonasset(Madison Conn)	2 E, hwy N	15	12 S1	80 oct. Trees W
Croton Air Park (Peekskill,N.Y.)	4.8 SW,riv SW	280	13	Hill SW.
East Hampton(N.Y.)	2.5 W;RR S	40	25 S4	80 oct. No sto.
Mattituck (N.Y.)	0.8 ESE;bay S	12	25 S6	80,91 oct.Poles N.
(A)Suffolk County (Westhampton Beach,N.Y.)(A)	2.6 N	69	50h	CLOSED

L-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii.) NC (not charted). → New or revised data.

RADIO

MAINE

LOCATION	FREQS. IDENT.	STA. CLASS, BEAR. & DIST.	FREQ., GUARD HRS. OF OPER. REMARKS
BRUNSWICK NAS	382 (NSM)	SRAZ; 84°.4	(3)
PORTLAND	206(PW)(116.1)	BMRLZ-VDT,149°, 2.2	(4), 116.1
YARMOUTH FM(Navy)	(- - -)	FM,264°,11.4	Brunswick NAS

MASSACHUSETTS

BEDFORD (Navy)	522 (DBH)	MH	Oper cont.
Bedford AAF	212 (126.18)	CA	(3), 126.18
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-VDT,238°, 2.2	(3), 116.1
BRANT ROCK FM(Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (Navy)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7, 126.18,118.1)	AC	(4), 131.9,118.7, 126.18 ,118.1
PEABODY FM	(-)	FM, 310°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3), 142.74, (8-1630,Mon.-Fri.)
SQUANTUM (Navy)	472 (NZW)	BMRLZ	(3);142.74 flt opers.
Squantum NAS	323 (142.74)	CN, 321°, 3.5	3105,4495;142.74 (8-30 min before sunset)

[redacted]

BOSCAWEN FM	(- - - -)	FM, 332°, 14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-VDT,327°, 2.1	(4), 116.1
GRENIER(Manchester) (Army)	338 (DUR)	SBMRAZ	(V 8-18)
Grenier Field	278(126.18) +	CA(ILS),352°,4	(3);126.18(10-18)

[redacted]

CHARLESTOWN NAAS	3295 (142.74)	CN	3105;142.74 (GCA)
GREENE (Providence)	278 (118.9).	C	(4);116.1,131.9, 118.9
PROVIDENCE(Greene)	347 (PR)(116.1)	BMRLZ-VDT,480,3.5	(3);116.1
QUONSET POINT(Navy)	356 (NCO)	BMRLZ	3105; 142.74
Quonset Point NAS	227(142.74) (126.18)	CN, 339°, 2.3	(3);142.74,140.58, 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
Grenier, N.H.	109.5	332.6	352° Mag.	IM- (.02)	MM- (.71)	OM- (5.00)	
				MMK-201---(.71)	OMK-219---(5.00)		

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Foster (Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct, Port rnwy lgts.
*Putnam Int,14,LG-BW	1.7 WSW,riv E	460	22 L3	Pole line N;poles NE

MAINE

Biddeford	2 SSW,RR NW	110	22 S2		80 oct.Poleline SE.
(N)Brunswick NAS(N)	1.5 SE,RR N	77	60h R1		91,100 oct.
Douglas (Brunswick)	3.5 W,RR SE	170	15		
Hilltop (West Buxton)	0.8 WSW,RR S	300	22	S4	80 oct,Poleline ESE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

BOSTON

MAINE

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Merrymeeting (Bowdoinham)	1 SSE,riv E	60	18 S1	80 oct.Trees N, S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80, 91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	22 S3	80 oct.Poleline SSE, NE, SW.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW.
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80, 91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Kennebunk	2 S,rd E	120	20 S2	80 oct.Trees S.Data not verified.
Stover (Freeport)	4 NNW	200	12 S2	80 oct.Data unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6		73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1		80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50h R2L5 S6		80, 100 oct.
(CG)Beverly	3 NW,lake E	108	50h L5 S1		80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 36		80 oct.Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6		80, 91 oct.
Brockton	2 S,hwy E	128	22 S6		80 oct.Poles E,W.Rnwy data unver
Cape Cod (West Barnstable)	2.1 SW,lake SW	100	25 S2		80 oct.
Country Club(Wareham) (NC)	1.3 E,riv S	25	17		Pole line,trees N.
Chatham	1.7 WNW,hwy S	66	14 S4		80 oct.Pole line N.
Eastham Thundertown	5 N	45	16 S3		(Orleans) Data unverif.
Edgartown	2 S,rds E,NW	20	30 S4		80 oct. No sto.Pole
Falmouth (NC)	2.5 NE	40	18 S4		80 oct.Data not verified.line NP
Fitchburg	2,5 SE,bet RRs	334	45h S6		80 oct.Knolls,dike S.
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6		80 oct.Pole line S.
Grafton (No.Grafton)	0.7 SSW,riv N	450	30 S6		80 oct.Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6		80 oct.
Haverhill	2 NNE,lake S	125	17 S6		80 oct.Stack S;pole line NW.
HYANNIS	1.2 N,RR E	56	41h S4		80, 91 oct.
King (Taunton)	4.5 ESE,RR N	45	26 S6		73 oct.Poleline NNE.
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6		91 oct. Pole line SSE.
Leicester	2 N	1140	15h S4		80 oct.Reservoir SE.
(A,N) LOGAN (Boston)	1.5 E in harb.	12	70hR2(L5)S6		80,91,100 oct.Rdo rqrd FEE ARMY TMP INACT
Mansfield	2 SSE,RR NE	124	25 S2		80 oct. CIVIL FACS Pole line NW,NE.
Marlboro	2.4 E,RR WSW	265	15 S2		80 oct.Ridge SSE,NNW
MARTHA'S VINEYARD (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2		80,91 oct. Lgts prior req.Obsts SE side.
Mendon	0.3 S,lake W	450	18 S4		80 oct.No sto.Pole line N,NW.
Myricks	0.8 N,RR SW	65	20 S4		80 oct.Pole line S.
NANTUCKET	2.6 SE,rd N	47	40h L S6		80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2		No fuel.
Norwood	1.8 E,riv E	55	40h L5 S1		80, 91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4		80 oct.Trees E,SE.
(N)Otis NAAS(Falmouth)	9 NNE	126	70h		INACTIVE. (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6		80 oct.Pole line E.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4		80 oct,Pole line NNE

MASSACHUSETTS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80,91 oct.Ltd sto.Rnwy data unver.Trees NE,E,
Sherman Memorial (Mansfield)	3 SSW,RR W	130	17 S1	73 oct.Trees sur SE fld.
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R2 L5 S4	100 oct,B-2 lgts.(N)
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct.No sto.No ngt flying lgts prior req.
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No.Attleboro)	2 NE,lake NW	200	18 S6	80 oct.Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	
Spencer	2 NE	1100	15	Data unverified.
Plymouth	SSE	149	25	Data unverified.
Revere	1 N	20	21h L S6	80,91 oct.Port lgts,fee.
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver Data unver

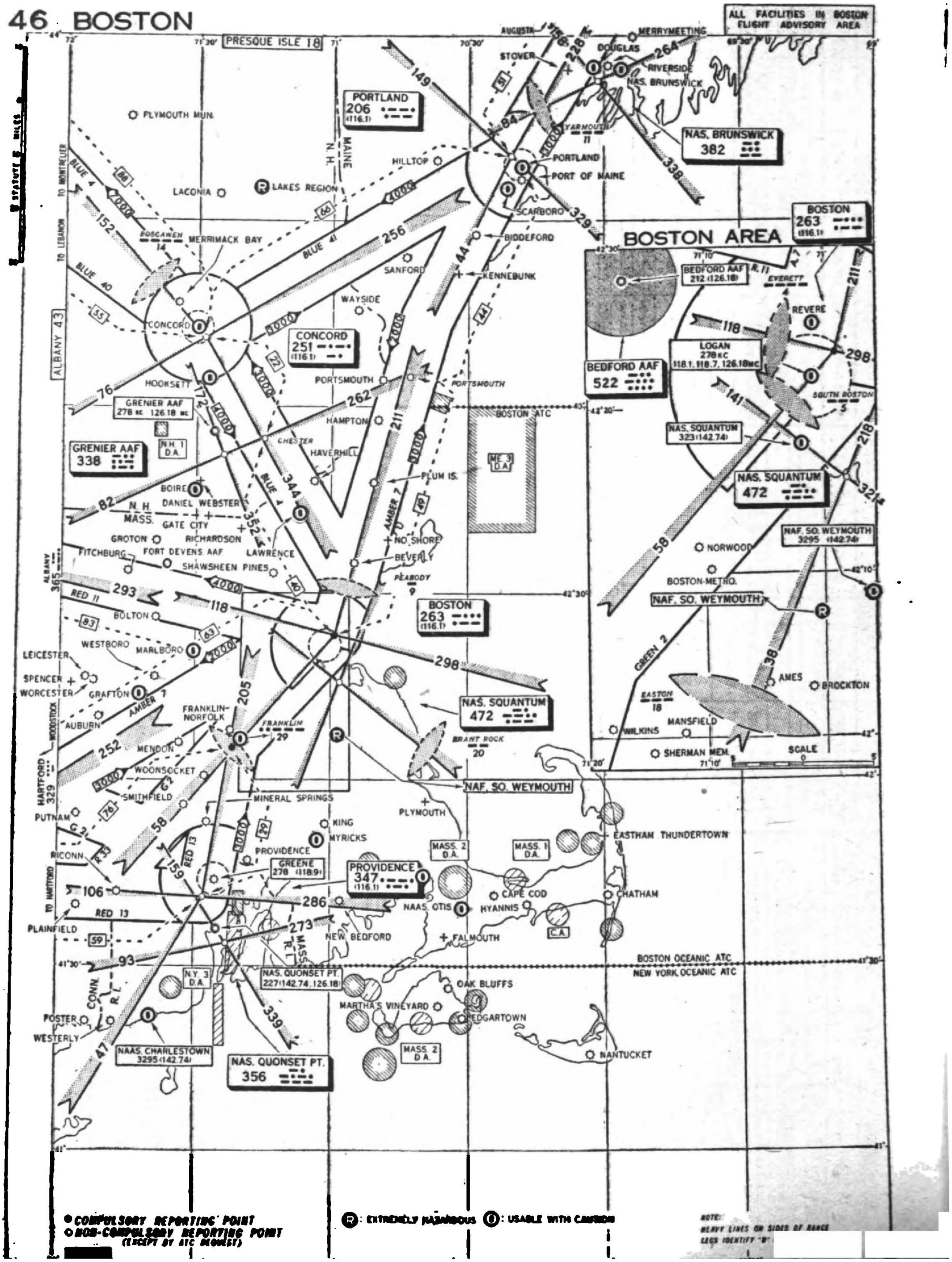
NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80 oct.Lgts prior req
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct. P-line S.
Daniel Webster (Nashua)	3.5 NW,riv E	192	24 S6	80,91 oct.Data not verified.
(A)Grenier (Manchester)	4 S,RR E	230	70h R3	(A)
Hampton	1.6 N,RR W	80	22 S5	80 oct.No sto.Trees N, S.
Hooksett Land & Seaplane	2 S,RR E	187	32 S6	80 oct. No sto.
Laconia	3.8 NNE; RR S	536	35h L5 S6	73,80,91 oct.Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14 S1	80 oct.No sto.
Merrimack Bay (Concord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S.
Plymouth Mun.Arpk.	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommersworth)	2.4 W,RR N	200	12 S2	80 oct.Trees SSE.
Gate City (Nashua)	4 S		23 S4	80 oct. Data unver

RHODE ISLAND

(N)Charlestown NAAS (N)	1.9 SW,hwy N	32	58h R1(L5)S1	91, 100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80, 91 oct.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto. Trees surround field.
(N)Quonset Point NAS (Providence) (N)	16.5 S	14	60hR2L5 S6	91, 100 oct.
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.Riv WSW.
North Shore(Essex, Mass)	Adj NW	20	15 S1	
(A) Fort Devens AAF(A) (Ayer, Mass.)	1.5 NW; riv W	268	52h	

46 BOSTON


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
BOSTON AREA
PRESQUE ISLE 18
PLYMOUTH MUN.
LACONIA
LAKES REGION
MERRIMACK BAY
CONCORD
HOOKSETT
GRENIER AAF
GRENIER AAF 338
N.H. D.A.
BOIRE
DANIEL WEBSTER
N. H. MASS. GATE CITY
GROTON
RICHARDSON
FORT DEVENS AAF
FITCHBURG
SHAWSHEEN PINES
LAWRENCE
BOLTON
WESTBORO
MARLBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
FRANKLIN 29
MENDON
WOONSOCKET
SMITHFIELD
PUTNAM
MINERAL SPRINGS
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
RICONN
PLAINFIELD
WESTERLY
POSTER
NAAS. CHARLESTOWN 3295 (142.74)
NAS. QUONSET PT. 356
NAS. QUONSET PT. 227 (142.74, 126.18)
N.Y. 3 D.A.
BRANT ROCK 20
NAS. SQUANTUM 472
NAF. SO. WEYMOUTH
PLYMOUTH
MASS. 2 D.A.
MASS. 1 D.A.
NAAS. OTIS
CAPE COD
HYANNIS
FALMOUTH
NEW BEDFORD
MARTHA'S VINEYARD
OAK BLUFFS
EDGARTOWN
NANTUCKET
EASTHAM THUNDERTOWN
CHATHAM
C.A.
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
PORTLAND 206 (116.1)
PORTLAND
PORT OF MAINE
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
PORTSMOUTH
HAMPTON
CHESTER
HAVERHILL
PLUM IS.
NO. SHORE
BEVERLY
PEABODY
BOSTON 263 (116.1)
BOSTON ATC
ME. 3 D.A.
STOVER
AUGUSTA
MERRYMEETING
DOUGLAS
RIVERSIDE
NAS. BRUNSWICK
YARMOUTH
NAS. BRUNSWICK 382
BEDFORD AAF 212 (126.18)
BEDFORD AAF 522
EVERETT
REVERE
LOGAN 278 KC 118.1, 118.7, 126.18 MC
SOUTH BOSTON 5
NAS. SQUANTUM 323 (142.74)
NAS. SQUANTUM 472
NAF. SO. WEYMOUTH 3295 (142.74)
NORWOOD
BOSTON-METRO.
NAF. SO. WEYMOUTH
EASTON 18
AMES
BROCKTON
WILKINS
MANSFIELD
SHERMAN MEM.
SCALE
TO LEBANON
TO MONTPELIER
ALBANY 43
ALBANY 365
HARTFORD 329
TO HARTFORD
WOODSTOCK
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
AMBER 1
AMBER 2
GREEN 2
CONN. R.L.
MASS. R.L.
149
152
256
44
329
264
228
84
338
211
118
298
141
218
321
58
38
262
172
344
82
352
365
293
118
205
252
76
159
106
286
273
93
339
47
298
MAINE
N.H.
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B"

SAN FRANCISCO

ALL FACILITIES IN OAKLAND FLIGHT ADVISORY AREA

MEDFORD 19

TO DONNER SUMMIT

LAMPSON 36 S
HOBERG
LINCOLN 40H
AUBURN 31 L S
AUBURN 39
McCLELLAN AAF-73' 70H L S - 396 (126.18)
YOLO FLYERS 34 S
WINTERS 60H
NORTON SKY RANCH
ALEXANDER VALLEY
BRANSTETTER
UNIVERSITY
SACRAMENTO-21 60H L S-278(126.18)
MATHER AAF 476
SANTA ROSA 45H S
NAAS, SANTA ROSA 70H L S
SANTA ROSA
FAIRFIELD-SUISUN AAF 248
JUSTMAN
MATHER AAF-87' 75H L S-201(126.18)
FAIRFIELD-SUISUN AAF-57' 81H L S- 272 (126.18)
NAPA SKY RANCH
FRANKLIN 40H
SKY RANCH 28 S
COTATI OLF 40H
OAK VIEW
PETALUMA
NAPA CO 53H S
SACRAMENTO 236 (116.1)
BORGES-CLARKSBURG 25 S
MOTHER LODE
CALIF 16 D.A.
FAIRFIELD-SUISUN 30 S
VALLEJO
STAN'S AIRPK
LIND 33 S
HAMILTON AAF 528
KINGSBURY 40H
MARTINEZ
LODI
HAMILTON AAF-(-2') 80H L S-219 (126.18)
ORANGE BROS
WEST LANE
MARIN CO
BAY POINT 24
RICHMOND
SAUSALITO 18
STOCKTON 45 H L S
GOLDEN GATE
OAKLAND 335 (116.1)
SUMMER HOME
FARALLON IS. 379
STOCKTON 212
NEWARK 16
SAN FRANCISCO 227
NEW JERUSALEM 40H
MODESTO 40H S
HALF MOON BAY 11
BELMONT 6
EVERGREEN 38
NAAS, CROWS LANDING 70 H
GUSTINE
LOS BANOS 32 S
DOS PALOS 29 S
EVERGREEN
VALLEY
YELLOW BLUE
SANTA CRUZ SKY PARK
WATSONVILLE NO.1 45 H L S
SALINAS (VHF) 109.1
SANTA CRUZ
LOS BANOS 61
EAGLE
WATSONVILLE NO.2 17H
HOLLISTER 44H L S
CALIF 6 D.A.
AMERICAN LEGION 31 S
SALINAS 266
MONTEREY PENINSULA 50H S
SALINAS-84' 50 H S
CARMEL VALLEY 28 S
KING CITY 46H S
CALIF 15 D.A.

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

FOR DETAILS IN THE SAN FRANCISCO AREA SEE CHART 50

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

SANTA BARBARA 50

SCALE OF MILES 10 0 10 20 30

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION

[redacted]

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 225,39	Sacramento
BAY POINT FM	(-)	FM, 190°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3);126.18 cont,4220 kc on req.
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS);210°,4.7	(3); 4220,126 18 (GCA)
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18 4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA; 298°, 8.9	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	366 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX,199°,0	(4); 116.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-VDT	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);126.18
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(JW)	MRLW,285°,3.1	
SALINAS	109.1(SB)	**VARW**	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
FAIRFIELD, CALIF	110.3	335	210° Mag.	IM-	(6.3)	MM-	(1.1) OM-
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice, Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	INACTIVE. Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h L3(L6)S4	73,91,100 oct.FOREIGN CLEAR. STN.
Franklin	5.5 SSE, riv E	21	40h	
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
Kingsbury (Lodi)	6 WSW	15	40h	RR NE.
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
Lincoln (Sacramento)	3.2 WNW,RR NE	129	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(*) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
Modesto	2.2 ESE,riv S	100	40h L1 S6	73,80 oct.Bcn prior req.
(P) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req.Data unver.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior req.
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	18 S5	80, 91 oct. Hwy W
New Jerusalem(Tracy)	8 ESE	56	40h	River E.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole line SE.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
→ Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	(A) CLOSED
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts. Poles E.
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). → New or revised data

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-VDT	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS);141°, 1.5	(4);126.18,131.9,118.5,142.74
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
MOFFETT NAS (Mountain View)	3295	CN	(3); 126.18, 142.74
MT. VIEW (Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3); 126.18,142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX	(4); 116.1
Oakland Airport	278(126.18,118.7)	AC (ILS); 199°, 0	(4);126.18,118 7,122.5 (CCA)
POINT MUGU NAF	338 (142.74)	CN	3105,6210; 142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4); 126.18,118.9, 122.5
SAN FRANCISCO GAP,	356(F)	K,285°,10	San Francisco
SANTA BARBARA	230(OY)(116.1)	BMRLZ-VDT	(4); 126.18,142.74,116.1
→ Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118 7,122.5 (6-18)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland
PASO ROBLES, CALIF.	(108.7)(OB)	VARW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD, CALIF.	109.9		300°Mag.	IM- ····· (.07)	MM- ····· (.80)	OM- -- (4.71)
					MMK-	OMK-
Oakland, Calif.	109.9		273°Mag.	IM- ····· (.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

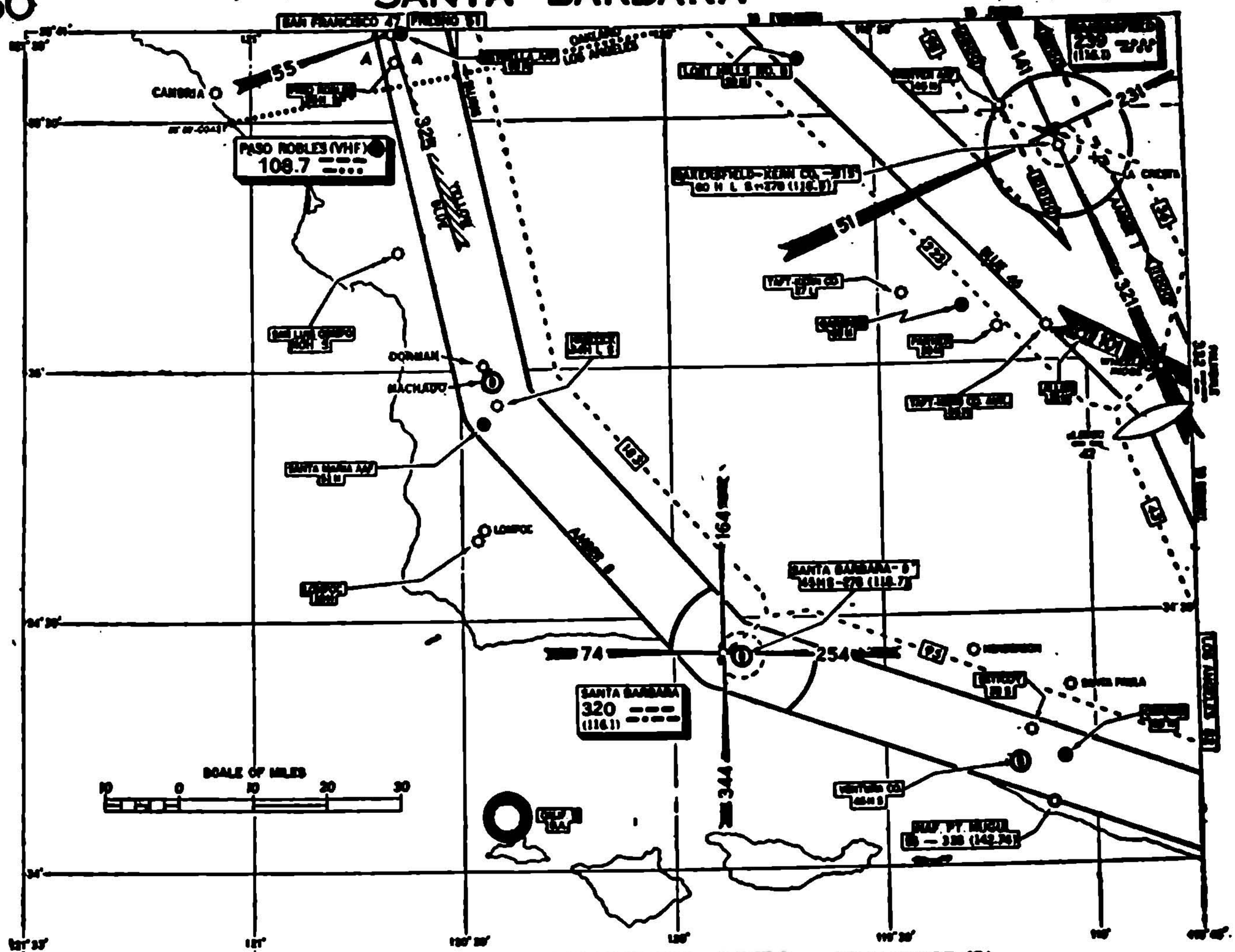
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

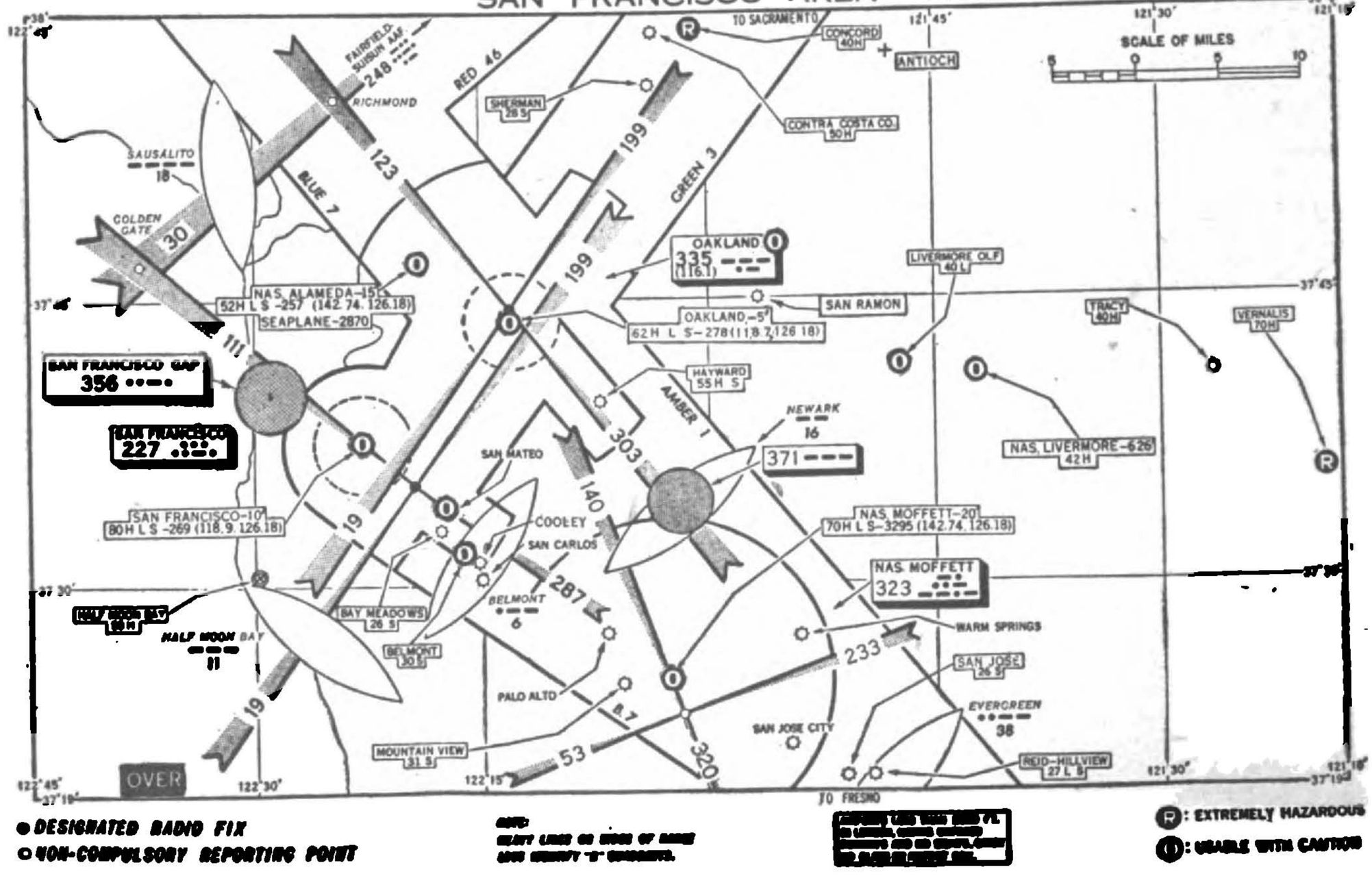
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto.NAFC.
Allen (Taft)	26 ESE	500	31h	
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
(N) Concord (N)	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	1.5 NW,hwy S	22	50h	
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)(A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W.
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S1	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	628	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40 L2	Poles E,N.Twr NE.
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto.
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.
(A) Oxnard Flight Strip (A)	5.5 E,RR S	84	50h	CLOSED
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct.
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE.bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW,RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE,hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE,RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE,RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(A) Santa Maria AAF (A)	3.5 S,hwy E	258	51h	CLOSED
Santa Paula	0.8 S,riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S,RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE,RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W,hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
Cooley (San Carlos)	2.9 NNW,RR S	6	21 S6	80,91 oct. Hwy SW.
Dorman (Santa Maria)	4 N,RR SW	380	23 S1	80 oct.
Machado (Santa Maria)	2.2 N,RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW,RR W	515	60h R3 L5 S6	80,91,100 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). → New or revised data

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 47)



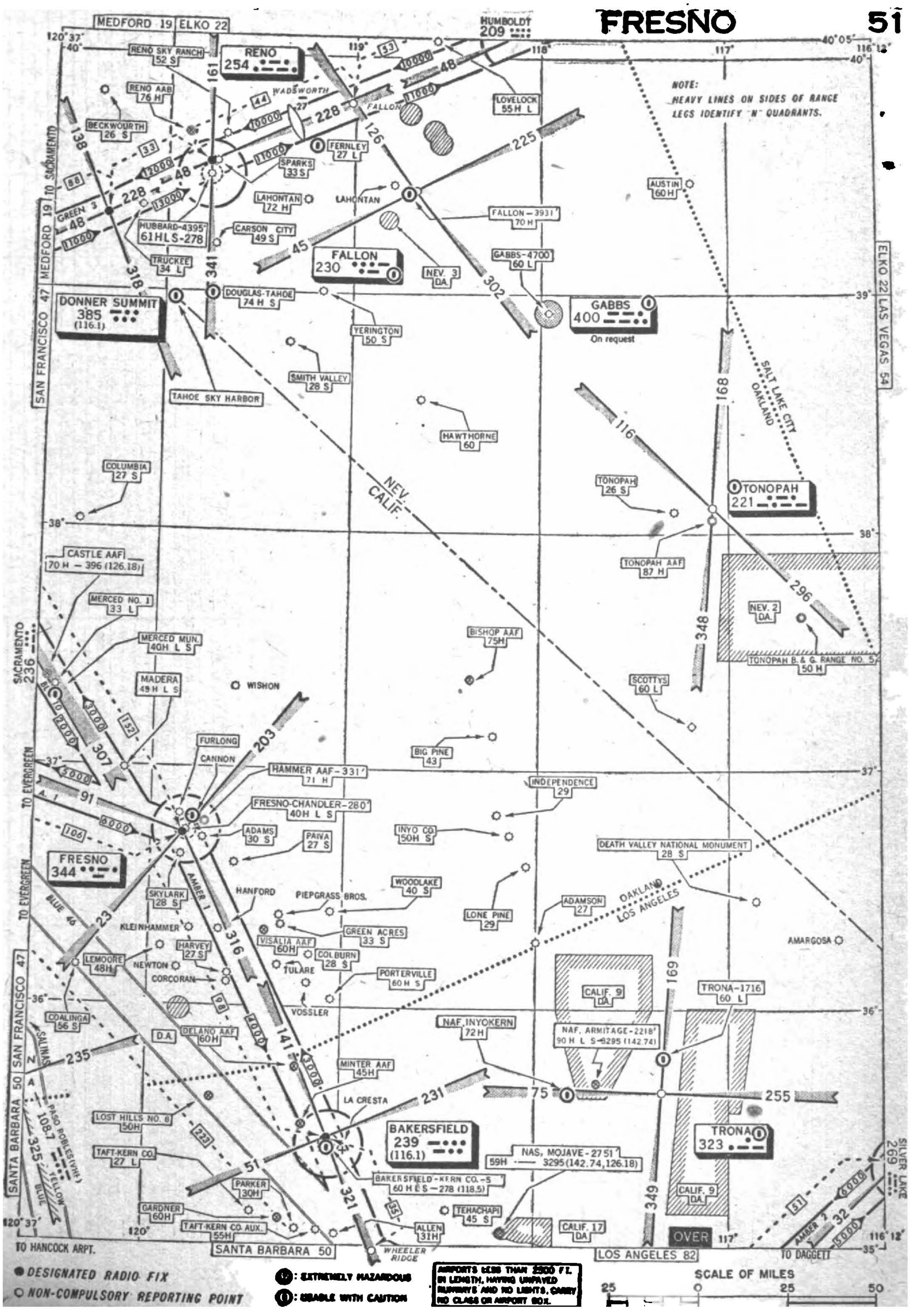
● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON EDGE OF NAME AND VERSION "R" CHANGES.

Ⓡ: EXTREMELY HAZARDOUS

Ⓘ: USABLE WITH CAUTION


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO 254
RENO SKY RANCH 52 S
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
FALLON — 3931' 70 H
HUBBARD-4395' 61 H L S-278
CARSON CITY 49 S
FALLON 230
TRUCKEE 34 L
NEV. 3 DA
GABBS-4700 60 L
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
GABBS 400
On request
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE 60
SALT LAKE CITY OAKLAND
SAN FRANCISCO 47
ELKO 22 LAS VEGAS 54
COLUMBIA 27 S
NEV. CALIF.
TONOPAH 26 S
TONOPAH 221
TONOPAH AAF 87 H
NEV. 2 DA
TONOPAH B. & G. RANGE NO. 5 50 H
CASTLE AAF 70 H — 396 (126.18)
MERCED NO. 1 33 L
MERCED MUN. 40 H L S
SACRAMENTO 236
MADERA 45 H L S
WISHON
BISHOP AAF 75H
SCOTTYS 60 L
FURLONG
CANNON
BIG PINE 43
HAMMER AAF — 331' 71 H
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40 H L S
ADAMS 30 S
PAIVA 27 S
INYO CO 50 H S
DEATH VALLEY NATIONAL MONUMENT 28 S
FRESNO 344
SKYLARK 28 S
HANFORD
PIEPGRASS BROS.
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
KLEINHAMMER
GREEN ACRES 33 S
VISALIA AAF 60H
COLBURN 28 S
HARVEY 27 S
LEMOORE 48H
NEWTON
TULARE
PORTERVILLE 60 H S
AMARGOSA
CORCORAN
CALIF. 9 DA
TRONA — 1716 60 L
COALINGA 56 S
VOSSLER
NAF, INYOKERN 72 H
NAF, ARMITAGE — 2218' 90 H L S — 8295 (142.74)
DELANO AAF 60H
D.A.
MINTER AAF 45H
LA CRESTA
LOST HILLS NO. 8 50H
BAKERSFIELD 239 (116.1)
NAS, MOJAVE — 2751' 59H — 3295 (142.74, 126.18)
TRONA 323
TAFT-KERN CO 27 L
BAKERSFIELD-KERN CO.-5 60 H L S — 278 (118.5)
PARKER 30H
GARDNER 60H
TAFT-KERN CO. AUX. 55H
TEHACHAPI 45 S
CALIF. 17 DA
ALLEN 31H
WHEELER RIDGE
SANTA BARBARA 50
LOS ANGELES 82
TO DAGGETT
TO HANCOCK ARPT.
TO EVERGREEN
SILVER LAKE 269
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50
OVER

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
ARMITAGE (Inyokern)	3295(142.74)	CN	(3);126.18,142.74(days)
BAKERSFIELD (Kern Co.)	239 (BD)(116.1)	SBMRAZ-VDT, 141°, 1.5	(3);116.1
CASTLE FLD (MERCED)	396(126.18)	CA	(3);126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-VDT	(4) ;116.1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°, 0.9	(4)
MOJAVE NAS	3295(126.18)(142.74)	CN	(3):126.18,142.74
TRONA	323 (EW)	SBMRAZ-DT, 349°,11	(4)Not manned cont.
→ BAKERSFIELD KERN CO.	278 (118.5)	C (ILS)	(4);126.18,118.5,122.5.
NEVADA			
FALLON	230 (VA)	SBRAZ-DT, 219°, 2.9	(4) Not manned cont.
GABBS (Int.)	400 (GZ)	MHP	(4) not manned cont.
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun 6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-VDT,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY) +	SBRAZ-DT,168°,2.8	(4) not manned cont.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM (.07)	MM ·····(.80)	OM ——(4.71)
BAKERSFIELD, CALIF.	109.9		300° Mag.	IMK	MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct.No sto.Poleline NNW,SSE.Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 BSE	500	31h	
Amargosa (Death Valley Jct)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
Big Pine	3.4 ESE;RR W	4000	43	1500'mts SE;1000' mts E.
(A) Bishop AAP(A)	2 ENE;riv E	4121	75h	CLOSED
Bryant (Bridgeport)(NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N;RR W	310	19 S6	80 oct.Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1	
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct.No sto.Poles N, NW, SE.
Cornell (Porterville)(NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	28 S2	87,100 oct.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
Delano AAP(A)	1.5 SE;RR W	315	60h	CLOSED
FRESNO-CHANDLER (Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91,100 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
Gardner (Taft) AAP(A)	9 ESE;RR SE	444	60h	CLOSED
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct.Pole line SE.
(A) Hammer (Fresno)(A)	4.8 NE;rds N,E	331	71h	TMP INACT NO PACS
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct.No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3875	50h L5 S2	80 oct.All lgts prior req.
(N) Inyokern NAF (N)	9.5 WNW; RR E	2455	72h	INACTIVE. 80,91
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S1	80,91 oct.Data unverified.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(N) Armitage NAF (Inyokern)(N)	8 ENE	2218		91,100 oct.No sto.CLOSED
Boston Land Co.(Westhaven)	1.7 SSW;hwy E.	300	31	(NC)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. see page XIII. (NC)-Not charted. → NEW OR REVISED DATA

AIRPORTS — CALIFORNIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) Merced, mun.	1.6 WSW;RR NE	152	40h L5 S6	80,100 oct.No sto.Lgts prior req.
Merced #1	2.5 NW;RR SW	165	33 L3	No beacon
(A) Minter (Bakersfield)(A)	13.5 NW;hwy E	410	45h	CLOSED
(N) Mojave (N)	0.7 E;hwy W	2751	59h R1	CLOSED
Monache Meadow (Olancha)	10.8 WSW	8000	25	USPS. (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct.No sto.Pwrline N,NW
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct.Poles ESE.
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia)(NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RRadj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N; RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USPS.(NC)
Trona	5 NE;rd W	1716	60 R1 L3	Rld sur by mtns.
★ Truckee Int, 16B, SP-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec.-Apr.
Tulare	2.9 SSE; RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts
Tunnel (Olancha) USPS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE
(A) Visalia AAF (A)	5 W;RR W	292	60h	CLOSED
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S.
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct, Trees NNW.
Woodlake	2.6 ESE; lake NW	450	40 S4	80 oct. No sto.
NEVADA				
(N) Austin OLP (N)	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct.Mts N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SP-SL	3.3 E;hwy NW	4156	27 L2	
Fallon	6 SE;hwy S	3931	70h R1	Closed,emergency use only.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60 R1 L3	
(N) Hawthorne	2 N;lake NNW	4200	60 L	Emerg. lgtg on ½ hr req.
→ HUBBARD (Reno)	3.4 SE;RR N	4404	61h R2 L5 S4	80,91 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct.Poles ENE,WSW.Hwy W
Lahontan Flight Strip (Fernley)	15.5 S;hwy N	4279	72h	
Lovelock Site 26, SP-SL	9 SSW,RR NW	3906	55h L5	
Manhatten (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mts sur fld.CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
★ Scottys Int,22,RV-ND	9 SSE Gold Pt.	4300	60 L2	
Smith Valley	1 ESE;hwy N	4850	28 S6	73,80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAP (A)	8 E;hwy N	5426	87h R1	TMP INACT NO PACS
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.
Tahoe Sky Harbor(Genoa,Nev.)	6 WSW;RR N	6230	42 S1	80 oct.
(P) BAKERSFIELD-KERN COUNTY (Bakersfield,Calif.)	4.4 NNW; RR W	515	60h R3 L5 S6	80,91,100 oct.

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-VDT,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-VDT,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-VDT,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM, 28°, 30	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-VDT	(3)131.7,116.1 only
→ Las Vegas AAF	278(126.18,118.7)+	C (ILS),34°, 1.9	(4):118.7,126.18,122.5

UTAH

BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-VDPT,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-VDP,229°,7.8	3117.5;131.7,116.1, 129.7 (3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS *(Localizer and-G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF, NEV.	110.3	335	25°Mag	IM	MM ·-- (.66)	OM	-- (4.2)
					MMK		OMK

S-Signal, Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + -Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
Kingman	8.5 NE,hwy NW	3446	65h	
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34 S1	73 oct.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E'RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(A) Yucca AAF(A)	1.5 NE,RR W	2030	60h	CLOSED

CALIFORNIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

NEVADA

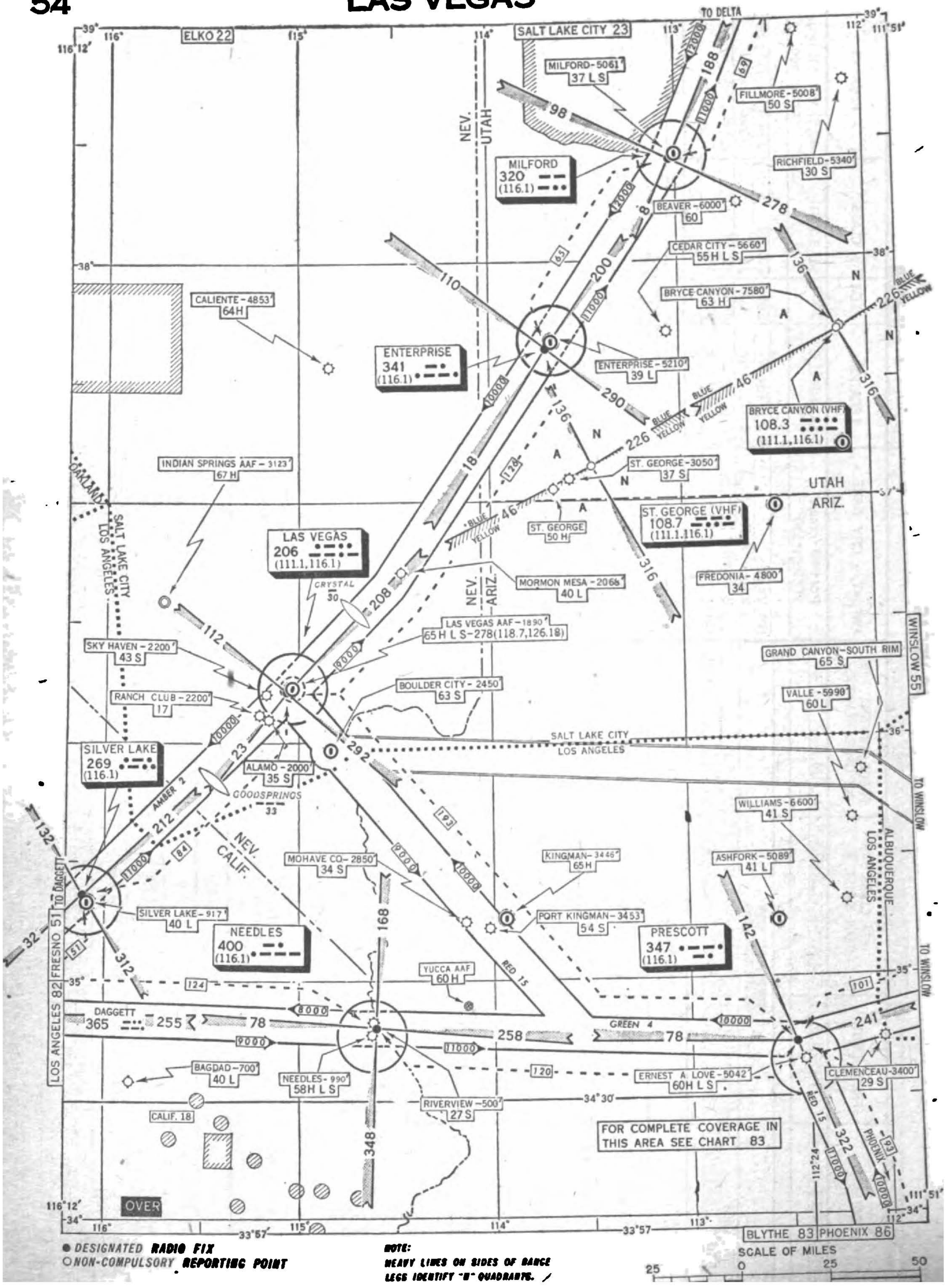
Alamo (Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
(N) BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L5 S6	100 oct. No sto.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S4	80 oct.Fld lgts &
* St.George Int,36, LA-DV	6 SE		50h	svcg prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

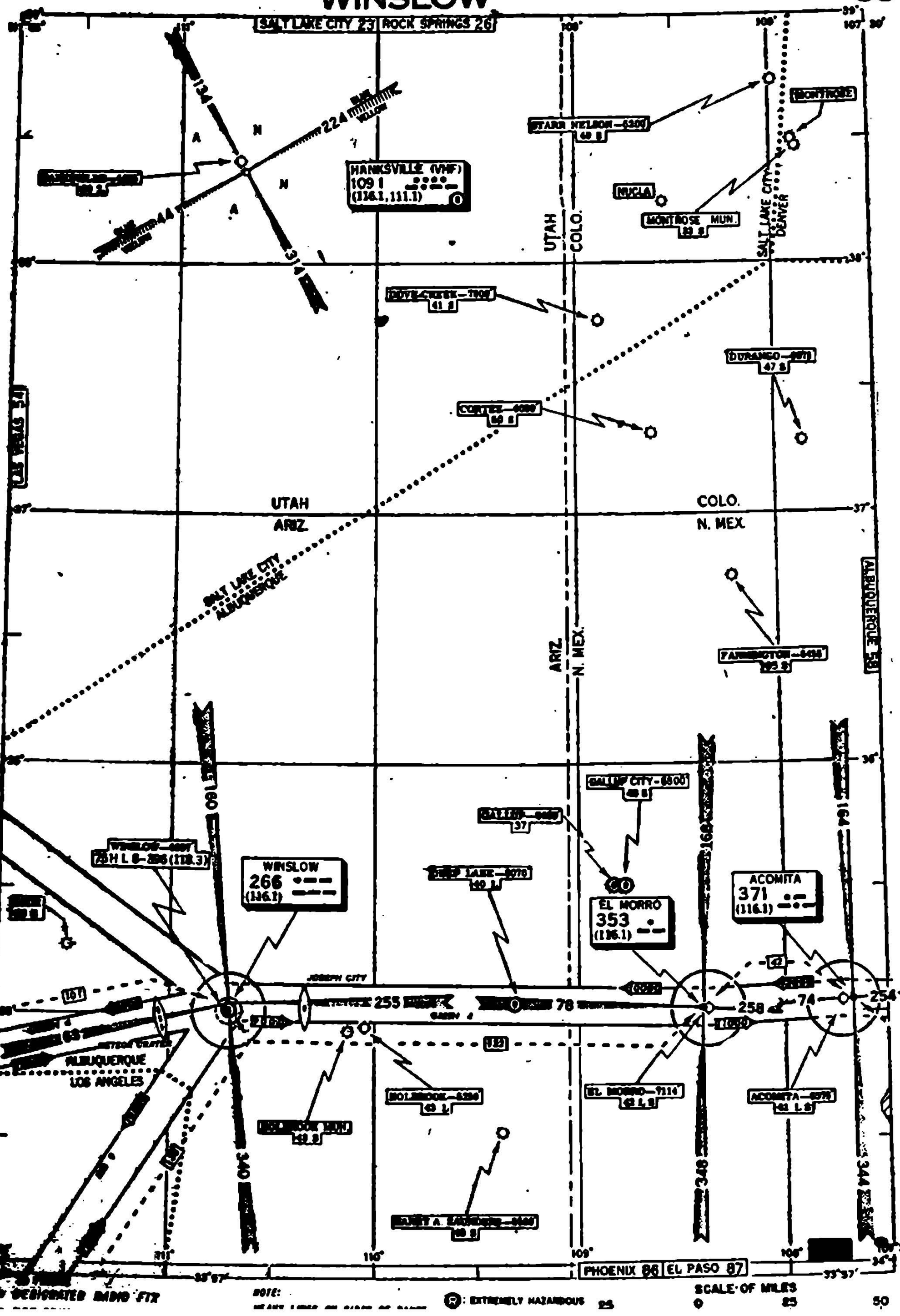
LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

WINSLOW


SALT LAKE CITY 23
ROCK SPRINGS 26
PHOENIX 86
EL PASO 87
134
224
314
HANKSVILLE (VHF)
109 I
(116.1, 111.1)
STARR NELSON—6300'
40 S
MONTROSE
NUCLA
MONTROSE MUN.
SALT LAKE CITY
DENVER
UTAH
COLO.
DOVE CREEK—7000'
41 S
DURANGO—6871'
47 S
CORTEZ—6000'
50 S
CR VEGAS 93
UTAH
ARIZ.
COLO.
N. MEX.
SALT LAKE CITY
ALBUQUERQUE
ALBUQUERQUE 530
ARIZ
N. MEX.
FARMINGTON—6456'
GALLUP CITY—6900'
GALLUP—6467'
37
WINSLOW—6997'
(VOR H L S—256 (116.3))
WINSLOW
266
(116.1)
SNOWFLAKE—6979'
40 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
160
191
JOSEPH CITY
255
78
258
74
254
101
87
66
ALBUQUERQUE
LOS ANGELES
HOLBROOK—6356'
49 L
EL MORRO—7114'
42 L S
ACOMITA—6570'
43 L S
SAINT A. EARTHQUAKE—6400'
40 S
340
343
344
SCALE OF MILES
0
25
50
DESIGNATED RADIO FIX
NOTE:
R: EXTREMELY HAZARDOUS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-VDT	(4), 116.1
Winslow Airport	396 (118.3)	C, 160°, 1.5	(4),118.3,122.5,126.18. (10-18)
NEW MEXICO			
ACOMITA (Int.)	**371(AK)(116.1)**	**BMLZ-VDT,254°,1.9**	(4), 116.1
EL MORRO (Int.)	**353(EM)(116.1)**	**BMRLZ-VDT,78°,0.1**	(4), 116.1
UTAH			
HANKSVILLE Int.	**109.1(HY)(111.1) (116.1)**	**VAR-VDP,314°,2.8**	**Not manned cont. (3) on req,3117.5;116.1, 131.7,126.7**

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
★ Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S4	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NE
(P) WINSLOW	2 SW;RR N	4937	75h R2 L5 S1	91 oct.

COLORADO

Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.
Montrose	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla	2.3 SSW,riv S	5910	36	

rd surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC) not charted. → NEW OR REVISED DATA.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5455	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct. Pole line WSW.
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
Aztec (NC)	2.2 NW on mesa	5700	28	Emerg only.

UTAH

★ Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N;hwy E	5284	30	

RADIO

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CD)	BRLMZ,166°,3.9	
FOUNTAIN FM	(- - - -)	FM;344°,32.7	Pueblo
LA JUNTA AAF	281(LH)(116.1)	SBMRLZ-VDT,194°,2.6	(4);116.1
PETERSON FIELD(Colorado Springs	272 (126.18)	CA	(4);116.1,126.18
PUEBLO	302 (PU)(116.1)	SBRAZ-VDT;340°, 2	(4);116.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-VDT,170°,3	(4);116.1

NEW MEXICO

ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-VDT;354°,3.1	(3); 116.1
CLOVIS (Army)	203 (DCV)	BMRAZ	(3)
Clovis AAF	396(126.18)	CA(ILS),34°,6.2	(3);126.18
Clovis AAF	526 (DCV)	HW-DT; 130°,1.6	
JUAN TOMAS FM	(- -)	FM; 71°, 18	Albuquerque
KIRTLAND FIELD (Albuquerque)	278(126.18.118.7)+	AC (ILS)	(4);126.18.118.7,122.5
LAS VEGAS	359(VH)(116.1)	SBMRAZ-VDT;80°,3.2	(4);116.1
MAXWELL FM	(- -)	FM, 170°, 54	Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BMRLZ-VDT;74°,0.2	(4); 116.1
PERALTA FM	(- - -)	FM, 174°, 11.6	Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MHVT	(4); 116.1
TUCUMCARI	212(YC)(116.1)	SBMRAZ-VDT;76°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Clovis, N.Mex.	109.9		33° Mag.	IM- (.23)	MM- ····· (.86)	OM- ·· (4.36)
					MMK-	OMK-
→ Kirtland, N.Mex.	110.3 -·-·	335	349° Mag.	IM-	MM- -·-· (.64)	OM- ·· (4.32)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS

COLORADO

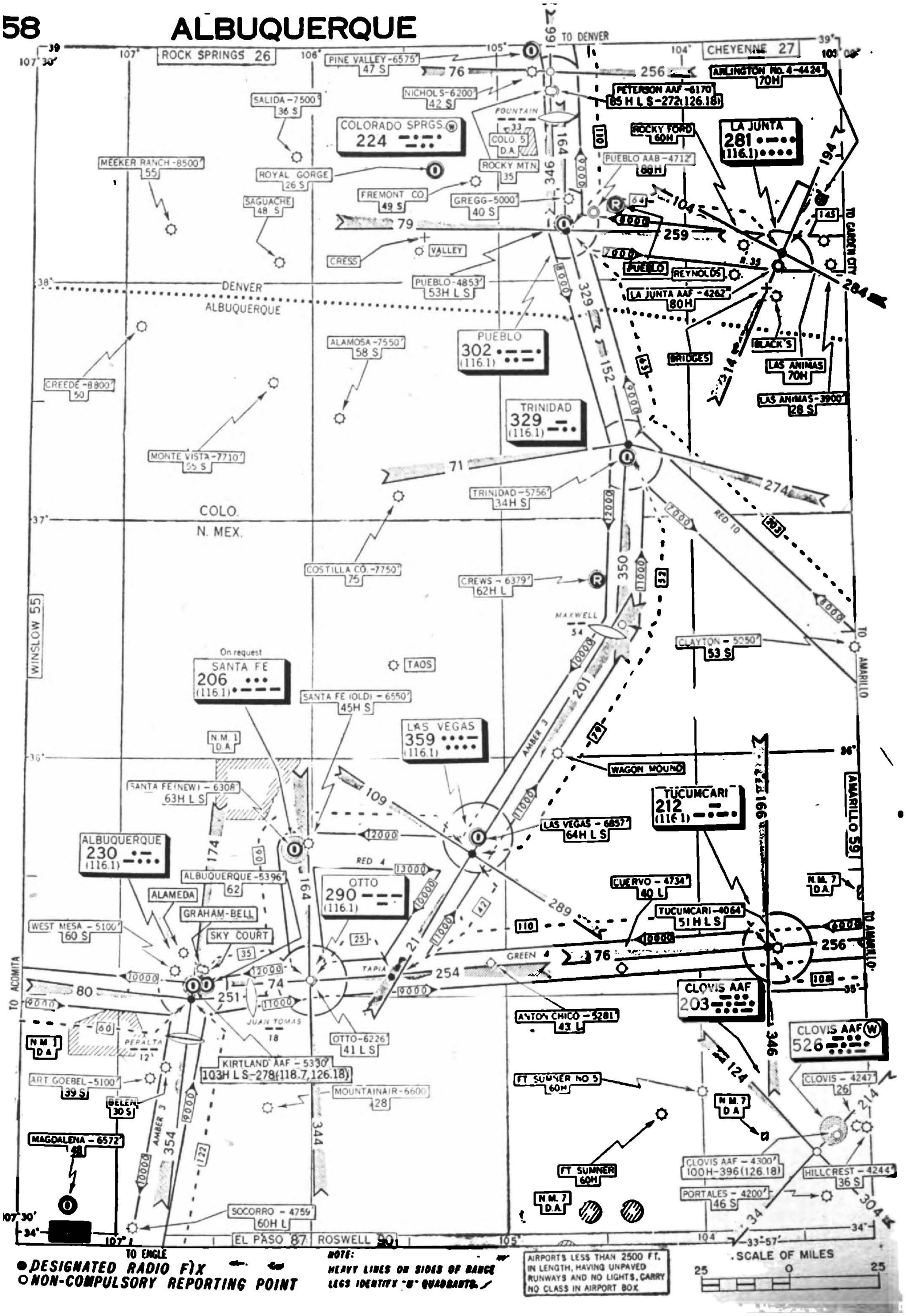
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW. CLOSED
Black's (La Junta)	4.8 S;riv 5 S	4250	21	
Costilla County(Mesita)	4 E; RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAF (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS
La Junta Bridges (La Junta)	3 SW; hwy W	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
Las Animas (La Junta)	19 NE	4119	70h	Las Animas 5.9 SSE.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N; hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RPC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 R1 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	30 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
→ Clovis	0.8 NW;RR S	4247	26	
A) Clovis AAF (A)	6.5 W; RR N	4300	100hR3	
P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	62h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	46	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE.Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto.Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt,SE
A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103hR3 L6 S6	73,91,100 oct. JP-1. No sto.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
→ SANTE FE (new)	9.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.Rnwy lgts
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg. on req.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S; hwy E	4759	60h R1 L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Fence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

h-hard surfaced runways. R-radio facilities, L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

58 ALBUQUERQUE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

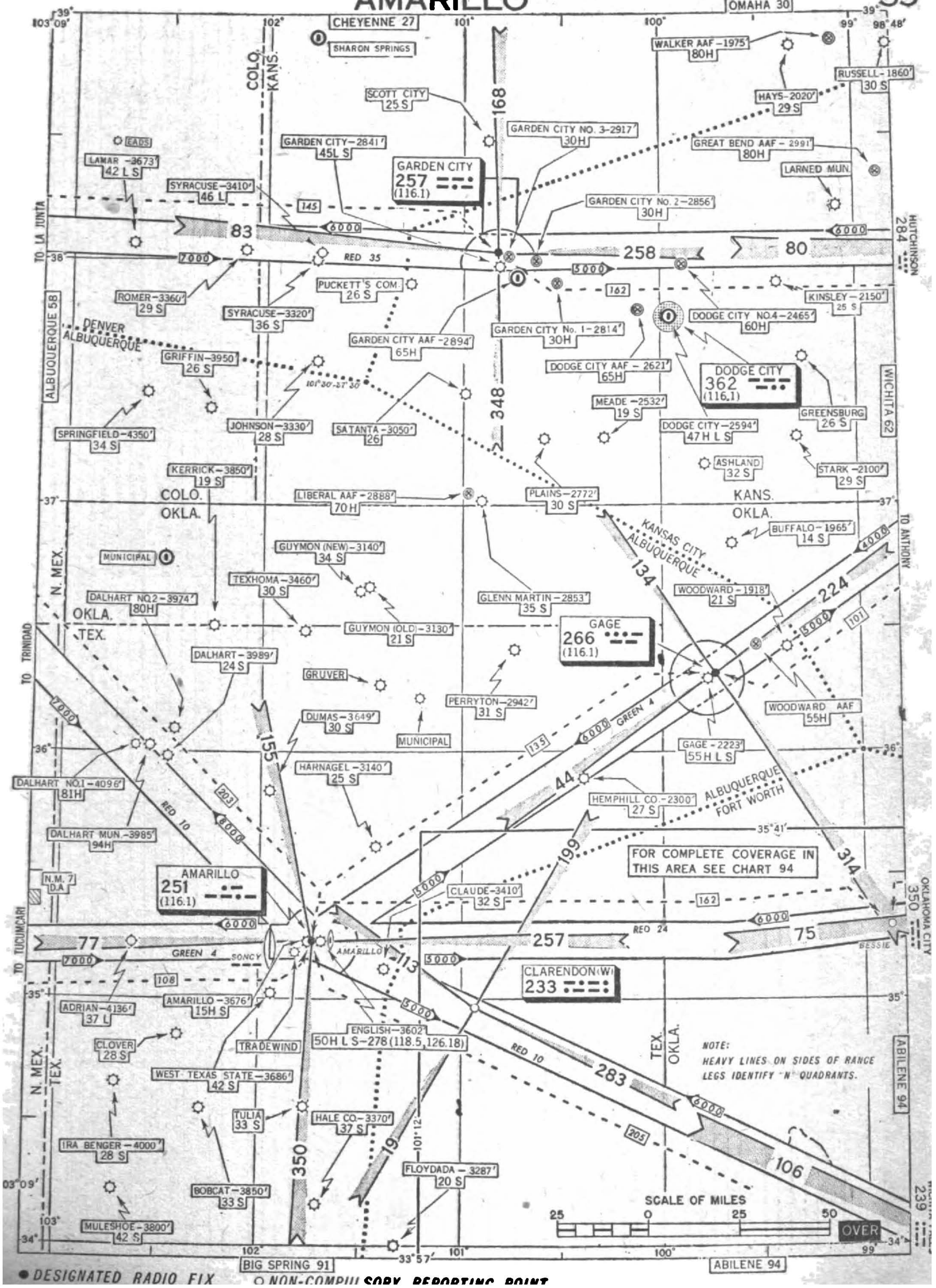
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

SCALE OF MILES
25 0 25

AMARILLO

59


CHEYENNE 27
SHARON SPRINGS
OMAHA 30
WALKER AAF – 1975'
80H
RUSSELL – 1860'
30 S
HAYS – 2020'
29 S
COLO.
KANS.
SCOTT CITY
25 S
168
GARDEN CITY NO. 3 – 2917'
30H
GARDEN CITY – 2841'
45L S
GARDEN CITY
257
(116.1)
GREAT BEND AAF – 2991'
80H
LARNED MUN.
EADS
LAMAR – 3673'
42 L S
SYRACUSE – 3410'
46 L
145
6000
GARDEN CITY No. 2 – 2856'
30H
HUTCHINSON
284
TO LA JUNTA
83
38
7000
RED 35
258
80
5000
PUCKETT'S COM.
26 S
162
KINSLEY – 2150'
25 S
ROMER – 3360'
29 S
SYRACUSE – 3320'
36 S
GARDEN CITY No. 1 – 2814'
30H
DODGE CITY NO. 4 – 2465'
60H
ALBUQUERQUE 58
DENVER
ALBUQUERQUE
GARDEN CITY AAF – 2894'
65H
GRIFFIN – 3950'
26 S
101°30'-31°30'
DODGE CITY AAF – 2621'
65H
DODGE CITY
362
(116.1)
348
WICHITA 62
SPRINGFIELD – 4350'
34 S
JOHNSON – 3330'
28 S
SATANTA – 3050'
26
MEADE – 2532'
19 S
DODGE CITY – 2594'
47H L S
GREENSBURG
26 S
KERRICK – 3850'
19 S
ASHLAND
32 S
STARK – 2100'
29 S
COLO.
OKLA.
37
LIBERAL AAF – 2888'
70H
PLAINS – 2772'
30 S
KANS.
OKLA.
KANSAS CITY
ALBUQUERQUE
134
BUFFALO – 1965'
14 S
4000
TO ANTHONY
MUNICIPAL
GUYMON (NEW) – 3140'
34 S
TEXHOMA – 3460'
30 S
N. MEX.
DALHART NO. 2 – 3974'
80H
OKLA.
TEX.
GLENN MARTIN – 2853'
35 S
WOODWARD – 1918'
21 S
224
5000
101
GAGE
266
(116.1)
DALHART – 3989'
24 S
GRUVER
TO TRINIDAD
7000
PERRYTON – 2942'
31 S
WOODWARD AAF
55H
DUMAS – 3649'
30 S
155
MUNICIPAL
135
6000
GREEN 4
GAGE – 2223'
55H L S
36°
HARNAGEL – 3140'
25 S
44
DALHART NO. 1 – 4096'
81H
203
RED 10
HEMPHILL CO. – 2300'
27 S
ALBUQUERQUE
FORT WORTH
35°41'
DALHART MUN. – 3985'
94H
FOR COMPLETE COVERAGE IN
THIS AREA SEE CHART 94
199
314
AMARILLO
251
(116.1)
N.M. 7
D.A.
CLAUDE – 3410'
32 S
162
6000
TO TUCUMCARI
77
7000
GREEN 4
SONCY
AMARILLO
113
257
RED 24
75
BESSIE
5000
108
CLARENDON (W)
233
35°
AMARILLO – 3676'
15H S
ADRIAN – 4136'
37 L
ENGLISH – 3602'
50H L S – 278 (118.5, 126.18)
CLOVER
28 S
TRADEWIND
RED 10
283
TEX.
OKLA.
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "N" QUADRANTS.
ABILENE 94
WEST TEXAS STATE – 3686'
42 S
TULIA
33 S
HALE CO. – 3370'
37 S
6000
205
IRA BENGER – 4000'
28 S
350
19
101°12'
FLOYDADA – 3287'
20 S
106
03°09'
BOBCAT – 3850'
33 S
SCALE OF MILES
25 0 25 50
OVER
239
103°
MULESHOE – 3800'
42 S
34°
102°
33°57'
101°
100°
99°
BIG SPRING 91
ABILENE 94
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

RADIO — KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	362 (OD)(116.1)	MHVT	(4) :116.1
GARDEN CITY	257 (GK)(116.1)	SBRAZ-VDT;168°,3.75	(4):116.1
[redacted]			
GAGE	266 (VM)(116.1)	SBRAZ-VDT,224°,2.1	(4): 116.1
[redacted]			
AMARILLO	251 (AQ)(116.1)	SBRAZ-VDT,77°,2 to English Fld	(3): 116.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	253 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (118.5) (126.15)	AC (ILS)	(4):126.15,118.5,122.3
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH, TEX.	110.3	335	209° Mag.	IM ---- (.62)	MM ·-·· (.62)	OM -- (4.35)
				MKR		OMR

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct.Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.

KANSAS

Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Lgts prior req.
→ (A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1(A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2(A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct.Use strips only.Pole line N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X111)(NC)-Not charted. → NEW OR REVISED DATA

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct.No sto. Poles N,S,NE.
Satanta	1 N,RR S	3050	26 S2	No fuel.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
Larned Mun.	1.6 NNE,RR SE	2012	33 S6	80,91 oct.
[redacted]				
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
Municipal (Boise City)	3 N,hwy W	4200	33	
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.
[redacted]				
* Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3 8 SSW;RR N	3989	94h	
Dalhart No. 1	9.7 WSW;RR,hwy E	4096	81h L	
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N.
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct. Poleline N,NW. ARMY TMP
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	31 S2	73 oct. Pole line E.
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct.Pole line N.
(P) Tulia	1.5 NNW,RR W	3500	33 S1	73 oct. Pole line NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
Tradewind (Amarillo)	1.5 SE	3636	30 S6	Data not verified. (Texas)
Gruver,Tex.	0.7WNW,RR E	3200	40 S1	80 oct.P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.

INACT:CIVIL FACS

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MHVT	(4);116.1
CASSODAY (Int.)	239 (CY)	MHT	(4)
HUTCHINSON	284 (HN)(116.1)	SBMRLZ-VDT;350°,3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM; 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL (Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAF	396(116.1)(126.18)	CA(ILS);170°,5.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-VDT	(3);116.1
→ Wichita Airport	278(126.18)(118.7)	AC(ILS);167°, 1.0	(4);122.5,126.18,118.7

OKLAHOMA

→ ENID(Army)	209 (DND)	BMRLZ	(3); 126.18 (V 7-24)
→ Enid AAF	396 (126.18)+	CA; 214°,3.7	(3); 126.18)(7-24)
PHILLIPS ARPT(Bartlesville)	278	CI	3105 (On req)
PONCA CITY	368(PC)(116.1)	MHVT	(4); 116.1
RED FORK FM	(- - -)	FM, 325°,13.7	Tulsa
SKIATOOK FM	(- - - -)	FM, 298°,17.8	Tulsa
TULSA AIRPORT	278(126.18)(118.5)	AC	(4);131.9,118.5,126.18

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs.)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SMOKY HILL AAF, KANSAS	109.9	333.8	123° Mag.	IM (.19)	MM ·····(.89)	OM -- (4.20)
					MMK	OMK
WICHITA, KANS.	110.3	335	2° Mag.	IM ·····(.05)	MM	OM -- (5.37)
					MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthesized Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.80, 140.56 mcs.

AIRPORTS

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct,No sto,Port lgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct,Poleline S,SW,Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct. Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 R1 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S1	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
Eureka	3.2 E; RR N	1100	21	Pole line S.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
(A) Herington AAF (A)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; Wiv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct,No sto,Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct,Trees S,SW, Obsts
Kiowa Flying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E,T
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
Newton	4 ENE; rd S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF(A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct. Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91,100 oct. No sto. (A) S.
(A) South (A) (Winfield)	14 SSW	1230	40h	CLOSED
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91,100 oct.50' pole N.
Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt acft only.Pwr line N.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.
Janssen Skytel (McPherson)	1.5 SW;hwy N	1500	22 S6	80 oct Hi-line W; poles E

OKLAHOMA

Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h R2	TEMP INACT. NO FACS.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts. Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A,N) TULSA AIRPORT	6.2 NE;RR S	674	71h R2 L5 S6	73-100 oct, NATS,NAPC.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE.
University (Langston)	1 S; rd N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S.
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req.
Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

62 WICHITA

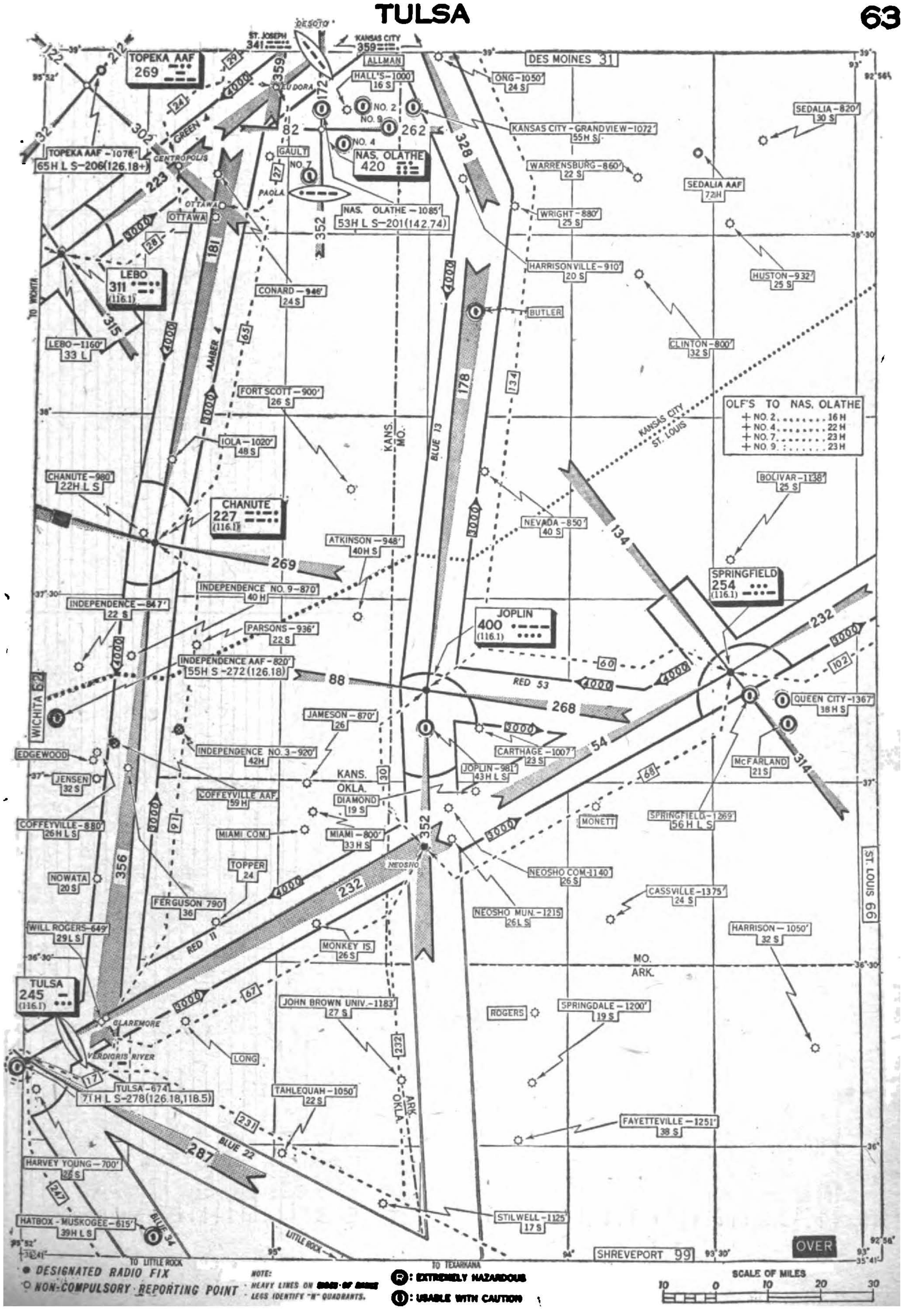
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

98°48' 98°30' 39° 95°32' 38°30' 30 20 10 0 STATUTE MILES

AKRON 309 7000 DENVER KANSAS CITY 80 BLUE YELLOW 71 SKY VILLAGE O
CONTROLLED DAY BETWEEN 4000 AND 6000 FT. M.S.L.
A N 251 BLUE YELLOW WRIGHT
OMAHA 30 TO KANSAS CITY
RED 1 4000 165 260 D. A.
SALINA ABILENE
SMOKY HILL AAF 344
D. A.
SMOKY HILL AAF 396(126.18, 116.1)
SALINA (VHF) 108.3 W R
HERINGTON AAF
HERINGTON
135
D. A.
HOLYROOD
GIFFIN ORTON
38°30'
341
350
McPHERSON
ELLINWOOD
LYONS
JANSSEN O
GREAT BEND ARPK
HUTCHINSON 284 (116.1)
188
MOUNDRIDGE
MARION
CLOTHIER
EMPORIA
4000
LEBO 311
47
63
162
HUTCHINSON COM.
HUTCHINSON MUN.
RED 35 6000
GARDEN CITY 257
258 80 260 NEWTON
32
On request
CASSODAY 239
38°
5000
NAS, HUTCHINSON
STAFFORD
28
KECHI
125
TOWANDA
19
95
EUREKA
CHANUTE 227
CULVER
RIVERSIDE
UNIVERSITY
KEN-MAR
CANNON BALL
ARTHER
WILSON
EL DORADO
FRASIER
HILLTOP
BEECH
RAWDON
CESSNA ACRFT.
PRATT
PRATT MUN.
KINGMAN
DERBY
WICHITA 278 (118.7, 126.18)
WICHITA 332 (116.1)
37°30'
VIOLA 25
4000
8
46
GREEN 4
64
WELLINGTON
42
161
347
OXFORD 27
WINFIELD
STROTHER
WALTERS
TULSA 63
AMARILLO 59
MEDICINE LODGE
STRICKLAND
ANTHONY
ANTHONY
BAIRD
SOUTH
ARKANSAS CITY
KANS.
OKLA.
KANSAS CITY ST. LOUIS
CALDWELL
PORTLAND
37°
KIOWA
ANTHONY 382 (116.1)
On request
4000
BARTLESVILLE
BLACKWELL
NEWKIRK O
PHILLIPS 278
GREAT SALT PLAINS BOMBING RANGE AAF
ALVA
101
JIMMIE RAY
KITTENBRINK
WHITE BROS.
MARKS
TONKAWA
PONCA CITY
On request
PONCA CITY 368 (116.1)
BLUE 5
BLUE 22
118
PAWHUSKA
TULSA 278 (118.5, 126.18)
TULSA 245
4000
95
SKIATOOK
18
36°30'
124
214
116
NORTH
WOODRING
PERRY
ENID AAF 209 R
ENID AAF 396 (126.18)
34
304
30
180
TULSA NORTH
STILLWATER NO. 1
RED FORK 14
STILLWATER NO. 2
94
4000
BROWN
COMMERCIAL
CUSHING
AMBER 4
45
SAPULPA
36°
ORLANDO CITY 350
3000
UNIVERSITY
KANSAS CITY FORT WORTH
WATONGA
KINGFISHER
GUTHRIE
STROUD
3000
96°30'
96°
95°32'
35°41'
KELLAR
98°48'
35°41'
ABILENE 90 | FORT WORTH 95
97°
98°
TO NEWALLA


TOPEKA AAF 269
TOPEKA AAF – 1076'
65H L S–206(126.18+)
LEBO 311 (116.1)
LEBO – 1160'
33 L
OTTAWA
CENTROPOLIS
GREEN
ST. JOSEPH 341
DESOTO
KANSAS CITY 359
EUDORA
ALLMAN
HALL'S – 1000'
16 S
NO. 2
NO. 9
NO. 4
NO. 7
GAULT
PAOLA
NAS. OLATHE 420
NAS. OLATHE – 1085'
53H L S–201(142.74)
CONARD – 946'
24 S
FORT SCOTT – 900'
26 S
IOLA – 1020'
48 S
CHANUTE – 980'
22H L S
CHANUTE 227 (116.1)
ATKINSON – 948'
40H S
INDEPENDENCE NO. 9 – 870'
40 H
INDEPENDENCE – 847'
22 S
PARSONS – 936'
22 S
INDEPENDENCE AAF – 820'
55H S – 272(126.18)
JAMESON – 870'
26
INDEPENDENCE NO. 3 – 920'
42H
COFFEYVILLE AAF
59 H
DIAMOND
19 S
MIAMI COM.
MIAMI – 800'
33 H S
TOPPER
24
FERGUSON 790'
36
MONKEY IS.
26 S
JOHN BROWN UNIV. – 1183'
27 S
LONG
TAHLEQUAH – 1050'
22 S
TULSA – 674'
71H L S–278(126.18,118.5)
HARVEY YOUNG – 700'
25 S
HATBOX – MUSKOGEE – 615'
39H L S
TULSA 245 (116.1)
CLAREMORE
VERDIGRIS RIVER
WICHITA
EDGEWOOD
JENSEN
32 S
COFFEYVILLE – 880'
26H L S
NOWATA
20 S
WILL ROGERS – 649'
29 L S
DES MOINES 31
ONG – 1050'
24 S
KANSAS CITY – GRANDVIEW – 1072'
55H S
WARRENSBURG – 860'
22 S
WRIGHT – 880'
25 S
HARRISONVILLE – 910'
20 S
BUTLER
CLINTON – 800'
32 S
SEDALIA – 820'
30 S
SEDALIA AAF
72H
HUSTON – 932'
25 S
OLF'S TO NAS. OLATHE
+ NO. 2 . . . . . 16 H
+ NO. 4 . . . . . 22 H
+ NO. 7 . . . . . 23 H
+ NO. 9 . . . . . 23 H
BOLIVAR – 1138'
25 S
NEVADA – 850'
40 S
SPRINGFIELD 254 (116.1)
JOPLIN 400 (116.1)
CARTHAGE – 1007'
23 S
JOPLIN – 981'
43H L S
NEOSHO COM. – 1140'
26 S
NEOSHO MUN. – 1215'
26 L S
CASSVILLE – 1375'
24 S
HARRISON – 1050'
32 S
QUEEN CITY – 1367'
38H S
McFARLAND
21 S
SPRINGFIELD – 1269'
56H L S
MONETT
ROGERS
SPRINGDALE – 1200'
19 S
FAYETTEVILLE – 1251'
38 S
STILWELL – 1125'
17 S
KANS.
MO.
OKLA.
ARK.
KANSAS CITY
ST. LOUIS
TO WICHITA
TO LITTLE ROCK
TO TEXARKANA
SHREVEPORT 99
OVER
ST. LOUIS 69
SCALE OF MILES
10 0 10 20 30
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON EDGE OF CHART LEGS IDENTIFY "H" QUADRANTS.
R: EXTREMELY HAZARDOUS
(!): USABLE WITH CAUTION

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-VDT, 304°, 2.5	(4);116.1
DE SOTO FM	(- - -)	FM; 224°, 19.6	Kansas City, Mo.
INDEPENDENCE AAF	272 (126.18)	CA	(3); 126.18 (8-20)
LEBO (Int)	311(IN)(116.3)	BMRLZ-DTV, 336°, 0	(4);116.1
OLATHE (Navy)	420 (NUU)	BMRLZ	
Olathe NAS	201 (142.74)	CN;352°, 2.9	(3); 142.74 (8-18)(GCA)
PAOLA FM (Navy)	(. - - -)	FM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
Topeka AAP	206 (116.1) (126.18)	CA;320, 3.4	(3); 116.1,126.18

MISSOURI

JOPLIN	400(JH)(116.1)	BMRLZ-VDT,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-VDT,134°,4.3	(4); 116.1

OKLAHOMA

TULSA	245(TS)(116.1)	SBRAZ-VDT	(3); 116.1
Tulsa Airport	278 (126.18) (118.5)	AC; 225°, 1	(4);131.9,114.5,126.18
VERDIGRIS RIVER FM	(-)	FM;54°,9.6	Tulsa

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.

KANSAS

(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S6	80,91 oct.
(A) Coffeyville AAF (A)	5 NNE	743	59h	CLOSED Use rnwys only.
" mun.	2 NW;riv E	880	26h R1 L3 S6	80 oct. Poles NW;hi-line SW.
Conard (Ottawa)	3.8 NNE;RR S	946	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Ferguson Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville)	0.8 ESE;RR N	1020	20 S1	80 oct.Trees E.
Girard	1.7 WNW;RR E	950	14	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line N.
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAF (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
(A) " #3 (A)	24 ESE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 SSE;rd N	1020	48 S6	73,80 oct.
★ Lebo Int,39,AQ-KC	4 ENE;RR N	1160	33 R1 L3	
Mader (Garnett)(NC)	2 WNW;hwy S	1060	26	
(N) Olathe NAS (N)	5.2 SW;RR W	1085	53h R2 L5 S6	100 oct.
(N) " OLF #2 (N)	5 SE	1090	16h	INACTIVE.4 W of Stanley.
(N) " OLF #4 (N)	10 S	1090	22h	1.3 SE of Springhill.INACTIVE.
(N) " OLF #7 (N)	16 SSW	940	23h	4.3 W of Hillsdale.INACTIVE.
(N) " OLF #9 (N)	11 SE	1070	23h	1 N of Stillwell.INACTIVE.
Ottawa	5.3 S;RR W	975	32	
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAF (A)	6 S;RR W	1078	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5NNW;hwy N	900	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAF (A)	6 S;RR W	1078	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5NNW;hwy N	900	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.

MISSOURI

Bolivar	1.8 WSW;hwy N	1138	25 S2	80 oct.Poles N.
Branson (NC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline W,SW.
Cassville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
(P) Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,SE.
(P) Grandview (Kansas City)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lghts prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE;RR N	981	43h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
" mun.	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
Queen City (Springfield)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req.
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) " AAF (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP INACT NO FACS
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 NNW;hwy SW	880	25 S1	80 oct.Pole line S.
Butler	1.5 N		25 S2	80 oct. Data unverified.
Monett	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD	5.5 WNW; RR NE	1269	56h R1 L5 S5	80,91,100 oct. JP-1

OKLAHOMA

Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee)	2.7W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stilwell	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
Topper (Vinita)	3.9 SW;RR ESE	800	24	
(A,N) TULSA AIRPORT	6.2 NE; RR S	674	71h R2 L5 S6	73-100 oct. NATS,NAPC.
Will Rogers,36, AQ-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	

MISSOURI

COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV,89°,3.9	(4);116.1
NEW FLORENCE (Int.)	385 (ST)(116.1)	MHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)	SBRAZ-DTX;256°,2.2	(4)
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY	344(OM)(116.1)	BMRLZ-VDT,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT – CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE,hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE:RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A) Walcott #3 (Walnut Ridge)(A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	

ILLINOIS

* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

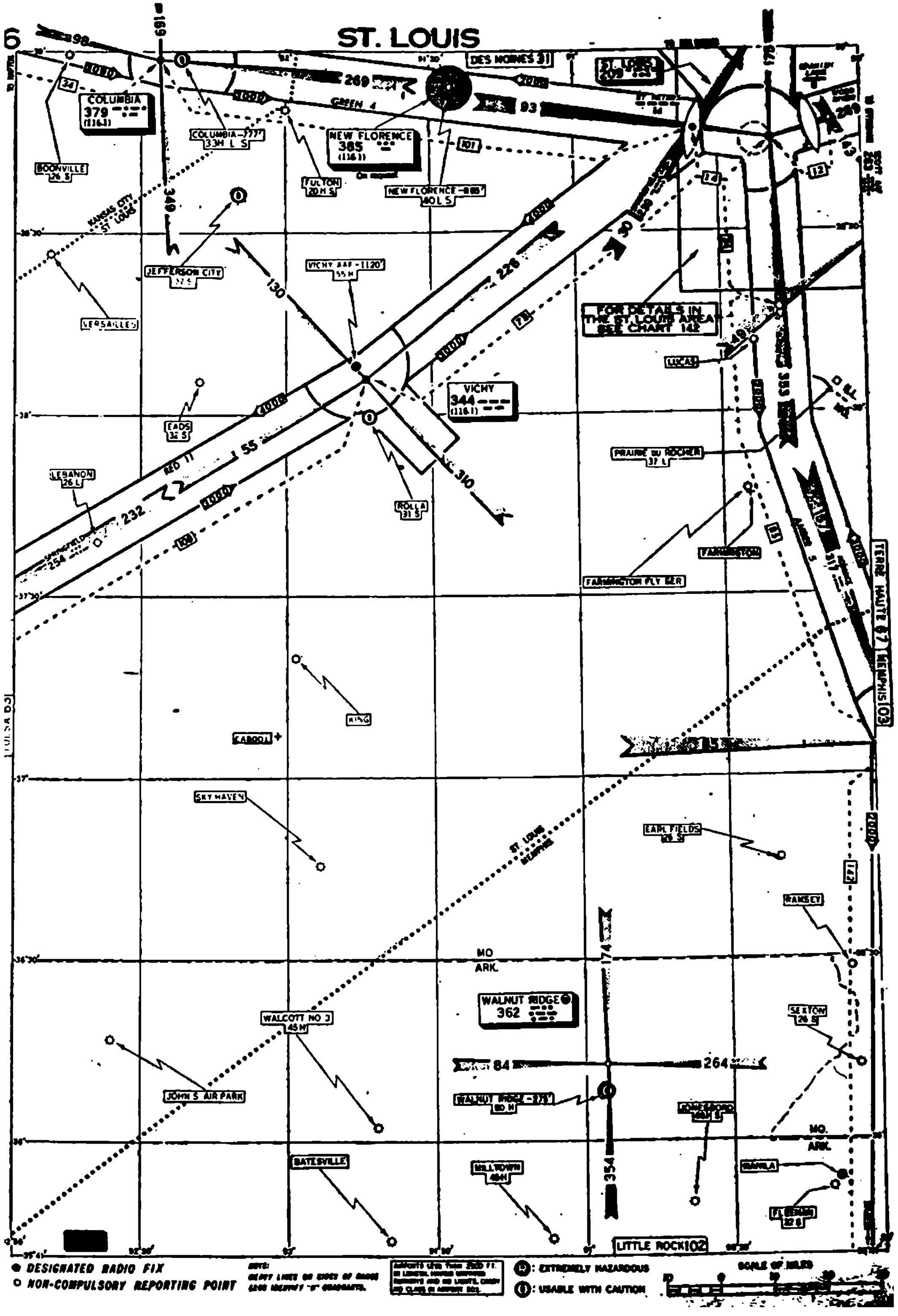
MISSOURI

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,riv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80 oct. No sto.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE.hwy W	950	19	
* New Florence Int, 17, KC-LS	1 SSE.hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct.Port rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW:RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED
Cabool (Mo.)	0.8 SW		18 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) (NC)-Not charted. → NEW OR REVISED DATA

6

ST. LOUIS


COLUMBIA
379
(116.1)
COLUMBIA—777°
33H L S
NEW FLORENCE
385
(116.1)
FULTON
20H S
NEW FLORENCE—885°
40L S
BOONVILLE
26 S
JEFFERSON CITY
32 S
VICHY 88F - 1120°
55H
VICHY
344
(116.1)
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 142
LUCAS
EADS
36 S
LEBANON
26 L
ROLLA
31 S
PRAIRIE DU ROCHER
37 L
FARMINGTON
FARMINGTON FLY ER
VERSAILLES
KING
KAMOO
SKY HAVEN
EARL FIELDS
WALCOTT NO 3
45 H
WALNUT RIDGE
362
JOHN S AIR PARK
BATESVILLE
MILLTOWN
48H
SEXTON
26 S
WALNUT RIDGE - 375°
60 H
LONGWOOD
RAMSEY
MO
ARK
LITTLE ROCK102
DES MOINES 31
ST LOUIS
269
93
169
44
55
70
64
61
67
30
270
255
12
24
13
141
155
63
54
84
264
354
174
Kansas City
St Louis
St Louis
Memphis
Terre Haute
Memphis
Louisville
Louisville
Springfield
254
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES

TERRE HAUTE 67

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS

I: USABLE WITH CAUTION

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

PEORIA
MORTON
PEKIN
BLOOMINGTON
TO JOLIET
CHICAGO 34
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126.18)
CHICAGO CINCINNATI
ATTICA
LAFAYETTE 227
CORK
STATUTE MILES
MEDBERY
CLINTON
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
CHICAGO
ST. LOUIS
UNIV. OF ILLINOIS
DECATUR
DECATUR (NEW)
DECATUR PARK DISTRICT
SPRINGFIELD 239
FLECK'S LAKEVIEW
MC COY
SPRINGFIELD
COOPER
MOODY
ALLEN
MIDWAY AVIATION
PARIS
ILL IND
KINGMAN
JORDAN
TERRE HAUTE 248 (116.1)
HULMAN
TAYLORVILLE
TO JERSEYVILLE
MATTOON
CHARLESTON
PAUL S. COX
TO INDIANAPOLIS
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 142
EFFINGHAM
HILLSBORO
H AND S
ST LOUIS 66 DES MOINES 31
INDIANAPOLIS 70
LINTON
WOOD RIVER
ST LOUIS
EFFINGHAM CO.
SMITH AVIATION
VANDALIA MUN.
HIGHLAND-WINET
ST. LOUIS CINCINNATI
EMISON
JAMESTOWN
GEORGE AAF
SCHILT
O'NEAL
WASHINGTON MUN.
WASHINGTON
LECKRONE
FLORA
PRESBYTERIAN NO. 3
ILL IND
CYRIL LEBERT.
SCOTT AAF 263
B AND K FLY. SER.
BECKERMAN
BLUE 3
EVANSVILLE 233 (116.1)
MT. VERNON
STRAUB
RED 11
TO LOUISVILLE
NASHVILLE
WHITE CO
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
EVANSVILLE 278 (118.5)
HENDERSON
IND KY
FERGUSON
OWENSBORO
ILL MO
BLUE 44
MADISONVILLE
STURGIS AAF
ST. LOUIS MEMPHIS
MEMPHIS 103
ADVANCE
GREEN BRIER
OVER

[redacted] ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-VDT,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,1.8	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)
INDIANA			
EVANSVILLE	233 (EV)(116.1)	SBRAZ-VDT	(3),116.1
→ Evansville Airport (old)	278 (116.5)	C, 177°, 5.5	(4):126.18,118.5,122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-VDT,182°, 0 Paul Cox	(4): 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E,RR N	875	33 L1 S6	80,91 oct. Pole line N, NW.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW,RR SW	753	28 L S4	73 oct.Range lgts.Appchs blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW,hwy E	690	26 S6	80 oct.Use marked areas.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	24 S4	80 oct. Appchs blocked by poles.
Decatur	4 NW	678	29 S6	80 oct.
(P) Decatur Park District	4 E,RR,hwy S	679	53h S6	80,91 oct.Pole line N,SW,NW Rnwy data unver.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S	454	26 S2	73 oct. 25' poles S.
Effingham Co. Memorial	3.6 S,hwy W	585	30 S4	80 oct.
Effingham Int,10,L3-II	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	80 oct. W blocked
Flora	1.1 WSW,RR N	490	27 S1	80 oct. Trees, poles N.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.6 NE,RR S	535	24	Pole line S.
Illini (Urbana)	2 NNE,hwy SE	740	26 S6	80 oct. Trees E.
Leckrone (Salem)	1.9 NW,hwy S	545	39 S6	80,91 oct. Use strips only.
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	26 S4	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N;bldg NE
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5NNW;RR,hwy	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L6 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church → No. 3 (St. Francisville) (A)	4 WNW,hwy E	430	45h	CLOSED
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page iii) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County,(Shelbyville)	1.9 ESE,RR N	677	21 S1	80 oct.
Smith Aviation (St.Elmo)	1.3 SW,RR NW	647	20 L1 S2	80 oct. Poles N, NE.Rnwy data unver
(P) Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S4	80, 91 oct.
Vandalia	4.4 NW	532	39h L2 S2	80 oct.
Vermilion (Danville)	4 E,hwy S	650	21 S2	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Mount Vernon	2.5 ENE,RR S	465	37 L S6	80,91oct.Data unver.Temp port lgts.
Taylorville	1 SW		26 S6	80 oct. Data unverified
Hillsboro	1 NE	630	25 S4	Data unverified
Schilt (Olney)	1.5 E;RR S		30 S1	80 oct. Data unverified
Nashville	1 E;lake W		20 S1	80 oct. Data unverified
Casey	1 NW		26 S2	80 oct. Data unverified
[redacted]				
Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
Emison (Oaktown)	3.6 WSW	425	45h	
→ EVANSVILLE	5 NE;bet RRs	383	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE; RR N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	3.5 N		33 S1	80 oct.Use NE/SW strip.Data unver.
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S,riv W	485	27 R1 S4	80, 91 oct. Stacks NE.
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. Use strips only.
Owensboro	2.5 ENE;RR NW	484	26 S6	73, 91 oct. No sto.
(A)Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.
Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.

LOCATION	FREQ.	IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ADVANCE FM	(- - - -)		FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)		FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)		FM, 250°, 11.2	Indianapolis
			MRL	
GREENCASTLE FM	(. . - - -)		FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)		FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)	(116.1)	SBRAZ-VDT	(3) 116.1
Indianapolis Airport	278 (126.18,		AC (ILS); 82°, 3.2	(4); 122.5 126.18,
LAFAYETTE (Purdue University)	227 (LF)	(116.1)	BMRL-VDT; 50°, 2.4	(4). 116.1 118.7
MORGANTOWN FM	(- -)		FM, 177°, 22	Indianapolis
STOUT, Indianapolis)	396		CA	4495 (9-18)

KENTUCKY

BOWMAN FIELD (Louisville)	278 (126.18) (118.3)	AC	(4); 116.1, 122.5, 126.18, 118.3
EASTWOOD FM	(- -)	FM, 89°, 9.4	Louisville
GODMAN (Fort Knox) (Army)	227 (DKX)	BMRLZ	
Godman Field	272 (126.18)	CA; 172°, 3.1	(3); 126.18 (6-24)
LOUISVILLE (Bowman)	359 (LV)	SBMRLZ-DTX; 269°,	(3)
SHEPHERDSVILLE FM	(- - -)	FM, 180°, 18	1.4 Louisville
SULPHUR FM	(. - - - -)	FM, 227°, 70	Cincinnati, Ohio
UNION FM	(- - -)	FM, 227°, 24	Cincinnati, Ohio
GREATER CINCINNATI	221 (118.9, 126.18	AC (ILS)	(4); 118.9, 122.5, 126.18

OHIO

CINCINNATI (Lunken)	335 (CC)	SBRAZ-DT; 227°, 5.2	(3)
DAYTON	245 (DY) (116.1)	SBMLZ-VDT	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC (ILS); 90°, 3.3	(4); 131.9, 126.18, 118.9
FAIRFIELD FM (Army)	(- - -)	FM, 196°, 9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
PATTERSON (Fairfield) (Army)	379 (DPK) (116.1)	SBMRAZ-VDT	(4); 116.1
Patterson Field	396 (126.18) +	CA (ILS); 329°, 2.96	(4); 126.18 (GCA)
VERONA FM	(- - - -)	FM, 270°, 9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105, 4495, 126.1

INSTRUMENT LANDING SYSTEMS (localizer and G.P. in mcs, Combass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
COVINGTON, KY.	109.9	333.8		IM- - - - - - - - - - (0.5)	MM- - - - - (0.5)	OM- - - (4.3)
				MMK 206 - - - - (.06)	OMK 215 - - - - (4.3)	
Dayton, Ohio	110.3	335	55° Mag.	IM- - - - - - - (.05)	MM-	OM- - - (4.4)
					MMK-	OMK-
Indianapolis, Ind. (L6)	109.1	333.8	44° Mag.	IM- - - - - - - (.05)	MM- (.89)	OM- - - (4.3)
					MMK 201 - - - (.89)	OMK 219 - - (4.3)
Patterson, Ohio	108.7	333.8	210° Mag	IM- (.09)	MM- - - - - - (1.5)	OM- - - (4.5)
					MMK-	OMK-

[illegible]

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct. Port rnwy lgts.
Anderson	3.5 SE; RR NE	875	27 S6	80 oct. P-line trees E.
Aretz (Lafayette)	4 NE	580	35 S6	80 oct. Info. unverified.
(A) Atterbury AAF (Columbus) (A)	3.5 N; hwy S	651	50h	TMP INACT, NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE; crk W		14 S2	80 oct. Poleline W. Info. unverified.
Bedford	3.5 SE	682	19 S2	Ltd 73 oct. Rnwy data
Black Hawk (Sheridan)	5.3 N; hwy E	600	16 S1	Ltd 73 oct. unver.
(P) Bloomington	5 WSW; RR SE	840	40 L S2	73, 80 oct. port. rnwy lgts Trees N, NE, SW
Boss-Denien (Salem)	3 WNW; RR N		26 S6	80 oct. Poleline S. Data not verified.
Bringham (Portland)	1.5 E; RR E	1020	20	Poles S; 120' tank SW.
Brightwood (Indianapolis)	3.7 NE; rd S		44 S4	80 oct. Data unverif.
Brownsburg	1.5 SSE; RR N	650	20 S1	73 oct. Poleline S.

INDIANAPOLIS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bunker Hill	1.8 W; RR N	798	50h	
Bush (Jeffersonville)	3 NE		20 S2	80 oct. Inf. unverified.
Bush (Ramsey)	1.5 WSW; hwy N	580	10 S1	73 oct.
Campus (Bloomington)	1.5 ENE, RR S	883	22 S4	80 oct.
Columbus	4.5 SSW	618	45h S4	80 oct. No sto.
Coxey's (Winchester)	1 ESE; hwy N	1088	18 S4	80 oct.
Crawfordsville	4.5 SSW; hwys E, W	850	37 S4	80 oct. No sto. Info. unverified.
East Richmond (Richmond)	3.7 ESE; RR E	1090	20 S6	73 oct.
Elwood	1.8 SSE; hwy NE	850	23 S4	80 oct. Data unverif.
Farmers (Greenfield)	9 NW		26 S2	73 oct. Info. unverif.
Fortville	2.8 E; rd N	740	15 S1	Ltd 73 oct. Trees SSW.
Franklin Fly. Field	4 S; riv S	745	22 S2	80 oct. Trees S.
(A) Freeman (Seymour) (A)	2 SW; hwy N	575	55h	TMP INACT NO FACS
French Lick Sprgs. (NC)	1 SE; RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct. Info. unver.
(P) Greenfield, Inc.	1.9 ENE, RR S	910	30 S6	80 oct. Poleline S.
Halsmer (Lafayette)	3 ESE; RR S	595	20 S6	80 oct. Poles SW.
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct. Pole line NE.
Howell Bros (Rushville)	2 SE; hwy SW	985	21 S4	91 oct.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg 19, LS-LV	3 S; RR E	500	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW; hwy N	796	53h R3 L5 S6	73-100 oct. Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct. P-line N. Lgts prior
Lapel	1 NE		13	Rough. Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S; RR N	925	13 S2	80 oct. Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood (Frankfort)	2.5 S; RR W	764	20 S4	80 oct. Ditch W.
Loy (Plainfield)	0.5 NE; RR S		19 S6	73 oct. Data unver.
Madison Commercial	2.2 N; RR W	960	24 S2	80 oct. Poles E.
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	620	18 S4	80 oct. No sto. Info. unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW; hwy S	832	24 L S4	73 oct. Poles E; hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct. Info. unver.
Mettel (Connersville)	2.4 NNE; RR E	950	29 S1	80 oct.
* Milroy Int, 5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct. Info. unver.
(P) Muncie	3.5 N; RR SW	950	31h L4 S6	80, 91 oct. Lgts prior req. Rnwy info. unver.
New Castle	3.2 E; RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW; lks SE	1080	26 L S1	73 oct. Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct. Pwr line ESE.
Ockley	1 W		23	Pwrlines N, W; trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct. Info. unver.
(P) Purdue University (Lafayette)	2.5 W; RR N	605	35h R1 L3 S6	80 oct. Silo N; stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct. Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW; RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE; RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S; RR E	800	22 S6	80 oct. Pole E; trees N.
St. Anne #2 (Seymour)	2.3 NNE	750	45h	
Scottsburg	2 W		18	Info. unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct. Info. unver.
Shelbyville	3.1 S; hwy E	850	19	Poleline E.
Silent Brook (Orleans)	5 W; riv SW	650	20 S4	80 oct. hi-line W, SW
(P) Sky Harbor (Indianap's)	7 ENE; hwy S	730	26 L S6	80 oct. Pole line E, S, SE
Sky Haven (Bedford)	2 SSW; riv S	650	36h S4	80, 91 oct. Poleline E, S. Rnwy data unverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct. Obsts N end NE-SW stp. Info. unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis) (A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW; RR N	915	26 S4	73, 80 oct. No sto. Pwrline S
Vevay	1 E	450	20 S2	73 oct. Tree NE corner Info. unver.
West Side (Marion)	2.5 NW; hwy S	835	26 S1	73 oct. Pole line E.
White Cloud (Greenw'd)	1.6 SW; hwy E	800	25 S4	Fuel. No sto. Info. unver.
Yorktown	1 S		22 S1	80 oct. Obsts E. Info. unver.

KENTUCKY

Blue Grass (Lexington)	6 W; hwy N	978	40h L5 S4	80, 91 oct.
BOWMAN (Louisville)	5.5 ESE; hwy S	546	44h R2 L5 S6	73, 91, 100 oct.
Cool Meadow (Lexington)	4.8 N; rd W	910	28 S6	80, 91 oct. No sto. Pole line SW.
* Glendale Int, 75B,	0.5 NE; RR NW	702	26 L3	(DL-LV)
(A) Godman (Ft. Knox) (A)	1 NW; RR E	740	52h R2 L5 S4	73, 91, 100 oct. No sto.
Goodall (Danville)	4.2 S; RR W, S	990	27 S6	80 oct.
(P) Greater Cincinnati (Covington)	8.2 W; riv NE	889	55h L5 S1	91, 80 oct. Svcg days only. Ctc lgts prior req.
Paris	1.2 NNE	635	20 S1	80 oct. Ravines NE, SE.
Shelby (Shelbyville)	2.5 ENE; hwy S	850	20 S2	80 oct. Info. unver.
Silver Lake (Frankfort)	3.2 E; hwy N	750	25 S2	80 oct.
Standiford (Louisville)	4.3 SSE; RR W	480	50h L5	
* Warsaw Int, 5A, LV-CV	0.8 SW; riv NW	485	30 L3	

[redacted]

Attaway Air Ranch (Mason)	4.2 S; RR NW	850	23 S4	80 oct. No sto. Pole line E.
Campbell (Cincinnati)	6.2 NNW; RR E	820	24 S1	80 oct. Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE; hwy N	860	37 S6	80 oct.
* Coldwater Int, 4, DY-CC	2 NW; crk NW	898	33 L3	
Country Club (Johnsv'l)	2.9 N; RR NE	990	26	Poles N, S.
Dahio (Dayton)	8.5 W; hwy S	925	37 S4	80 oct.
DAYTON	10 N; hwy E	1000	55h R3 L6 S6	73, 80, 91, 100 oct.
Hamilton	2.5 SE; RR S	615	29 S6	80, 91 oct. Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE; RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE; RR SW	580	18	Pole line S.
Hightman (Lebanon) (NC)	3 E; RR W	880	16	Pole line W; trees W, E.
Lakeview (Montezuma)	1 SW; hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE; RR SW	481	41h R2 L5 S6	73, 91, 100 oct. Bcn. ESE.
(P) Miami University (Oxford)	2.2 WSW; RR W	1040	40 S6	80 oct. Poles N, NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW; RR E	1090	26 S4	80 oct. Trees W.
Mt. Healthy (Cincinnati)	9.5 NW; hwy E	870	22 S6	80 oct. Trees WSW, NE.
New Westville (New Paris)	2.8 S; RR S	1180	21 S1	60 oct. Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE; RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld) (A)	1.6 WSW	819	78h R3 L6 S4	73, 100 oct. JP-1.
Piqua	4 WNW; RR S	1000	19 S2	80 oct. Poles S, SE, SW.
Polk Grove (Vandalia)	3.6 W; riv W	975		UNUSABLE. (NC)
Sidney	1 W; RR S		25 S2	80 oct. Data unver.
South Dayton (Dayton)	5 SSW; RR W	750	32 S6	80 oct. No sto. Hills S.
Treaty City (Greenv'l)	1.5 NNE; hwy W	1060	20 S4	80 oct. Poleline W.
Waco-Troy (Troy)	1.8 SW; RR SE	870	29 S1	80 oct.
(A) Wright (Dayton) (A)	5 ENE; RR NW	800	72h R1 L5 S2	62, 73, 91, 100 oct. JP-1 CLOSED.
Lansdowne (Greenv'l) (Ohio)	2 ESE; RR N		19	Bldgs, hi-line N. Inf. unver.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE; RR E		26 S1	80 oct. Inf. unver.
Stair (Mulberry) Ind.	0.13 NE, hwy S	650	16 S4	80 oct. No sto. Pole line S. Data unver.
Veteran's (Bloomington, Ind.)	2.5 W; RR N	890	18 S6	80 oct. No sto. Poles W,
Riverside (Louisville, Ky)	7.5 SW; riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE; hwy E		15 S6	80 oct. Data unver.
Bethel (Ohio)	1 ESE	690		1500' hard surfaced rnwy. Data unverified.
Delaware (Muncie, Ind)	3SW; hwy N		27	Pwr line E. Data unverf.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 110) NC-(not charted) → NEW OR REVISED DATA.

70 INDIANAPOLIS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

BUNKER HILL
CHICAGO
CINCINNATI
OCKLEY
KOKOMO MUN
LAFAYETTE 227 (116.1)
LAFAYETTE
ARETZ
REIMER
HALSMER
STAIR
LOCKWOOD
PURDUE U.
BLACK HAWK
MOORE
LEBANON
BECK
CRAWFORDSVILLE
HIMES
ADVANCE 24
LIZTON
BROWNSBURG
INDIANAPOLIS 278 (126.1B)
MECCO
SHANK'S
HOOSIER
LOY
STOUT AAF 396 sc
GREENCASTLE 27
CLAYTON 11
GREENCASTLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN 22
VETERANS
BLOOMINGTON
CAMPUS
TO TERRE HAUTE
STATUTE MILES
RUZICKA
MARION
WEST SIDE
GRAND RAPIDS 35
PORT WAYNE 251
STEED
BRINGHAM
DELAWARE
MUNCIE
REESE
YORKTOWN
GANDC
HUFFMAN AIR SER
COXEY'S
ELWOOD
LAPEL
ACE
ANDERSON
NOBLESVILLE
NEW CASTLE
FORTVILLE
GREENFIELD INC
GREENFIELD
WESTERN
RICHMOND COM
BRIGHTWOOD
FARMERS
SKY HARBOR
OWEN
WHITE CLOUD
BARGERSVILLE
SHELBYVILLE
FRANKLIN
ATTERBURY AAF
COLUMBUS
TEMPLETON
MILROY
MAPLETON
ST ANNE NO 2
FREEMAN AAF
MADISON AAF
MADISON
SCOTTSBURG
SKY HAVEN
BEDFORD
STILES
SILENT BROOK AIRPK
BOSS-DENIEN
BOWMAN 278 (118.3, 126.1B)
BUSH
HUNTINGBURG
EVANSVILLE 233
RIVERSIDE
STANDIFORD
GODMAN AAF 272 (126.1B)
KY 1 D.A.
GODMAN AAF 227
GLENDALE
LOUISVILLE 359
CHARLESTOWN
IND. KY.
VEVAY
WARSAW
SULPHUR 70
SHELBY
SILVER LAKE
PARIS
EASTWOOD 9
SHEPHERDSVILLE 18
BLUE GRASS
COOL MEADOW
GOODALL
CINCINNATI ATLANTA
PORT KONETA
COLDWATER
LAKEVIEW
CLEVELAND CINCINNATI
TO TOLEDO
SIDNEY
PIQUA
TREATY CITY
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 278 (118.9, 126.1B)
WACO-TROY
TROY
TO SPRINGFIELD
PATTERSON AAF 396 (126.1B)
VERONA 10
MIDWAY
COUNTRY CLUB
DAHIO
E. RICHMOND
NEW WESTVILLE
METTEL
HOWELL BROS.
RICHMOND MUN
WRIGHT AAF 260 (126.1)
PATTERSON AAF 379 (116.1)
SO. DAYTON
FAIRFIELD 9
MIAMI U.
HAMILTON
MIDDLETOWN
ATTAWAY
CINCI INC
LOVELAND 9
PARKS WATSON
MT HEALTHY
CAMPBELL
CHEVIOT
LUNKEN
LAWRENCEVILLE
GREATER CINCINNATI 221 (118.9, 126.1B)
UNION 24
BETHEL
CINCINNATI 335
TO HUNTINGTON
COLUMBUS 71
TO SPRINGFIELD
TO HUNTINGTON
CEDAR GROVE 35
HUNTINGTON
IND. KY.
OVER

NASHVILLE 106 | KNOXVILLE 107

COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

TO FORT WAYNE
TO TROY
TO LOUISVILLE
TO PITTSBURGH
TO ELKINS
TO TRI-CITY
DETROIT 38
PITTSBURGH 74
INDIANAPOLIS 70
CINCINNATI ATLANTA
PITTSBURGH CINCINNATI
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
PITTSBURGH
WELLSBURGH
JEFFERSON AAP 379
RED 27 TOLUD
RED 17
RED 18
RED 11
AMBER 6
BLUE 15
BLUE 39
GREEN 4
CINCINNATI 335
ATHENS 362
MAGNOLIA
CEDAR LAWN
MARION
VOSS
MT. LIBERTY 28
WYNKOOP
NEW PHILADELPHIA
COLUMBUS 391 (116.1)
GRIMES
OHIO STATE U.
SPRINGFIELD
HILLIARD
CRABILL
SPRINGFIELD
CLICKENGER
GROVE CITY
SULLIVANT AVE.
LOCKBOURNE AAB 317(126.18)
SUMMIT STA 6
SNOOK
PRICE
NORTON
NEWARK 25
COMMERCE
BRIGGS
NEWARK
CAMBRIDGE
RIVERSIDE
ZANESVILLE
ZANESVILLE 263 (116.1) On request
PORT COLUMBUS-NAS 278(118.5,126.18)
PORT LANCASTER
LANCASTER
CROOKSVILLE
WASHINGTON
TRI-COUNTY
On request
CLINTON CO. AAF 201
CLINTON CO. AAF 272 MIL 116.1,126.18,137.88,140.58 MIL
CHILLICOTHE SKYPARK
INTENSIVE INSTRUMENT TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES.
JONES
OHIO U.
REED'S
MARIETTA
WOOD CO.
STEWART
MT. ORAB 26
CHERRY FORK
SHUMATE
KNORE
RAVEN ROCK
MAYSVILLE
OHIO KY.
ABKEN
ASHLAND
HUNTINGTON
RAVENSWOOD
OHIO W. VA.
ROANE CO.
ELKINS 281
HUNTINGTON 236 (116.1)
CHARLESTON 400 (116.1)
BOLLINGER
LOGAN
W VA KY
MORRIS
SCOTT
PAYNESVILLE 356
PRINCETON
KY VA
OVER
KNOXVILLE 107 CHARLOTTE 110

RED 27 4000 | 110 | 112 | 211 | 4000 | CLEVELAND | 4000 | ATHENS 362 | 282 | 4000 | RED 17 | PITTSBURGH | 40°30' | STATUTE MILES 10 20 30 40
93 | 4000 | AMBER 6 | 4000 | BLUE 15 | 45 | 4000 | 93 | CLEVELAND PITTSBURGH | 106 | WELLSBURGH | 4000 | PITTSBURGH 254
17 | 32 | 20 | 4000 | SUMMIT STA 6 | 4000 | BLUE 15 | 45 | COMMERCE | BRIGGS | GREEN 4 | 85
93 | 4000 | 2 | SUMMIT STA 6 | NEWARK | 266 | 3000 | RIVERSIDE | ZANESVILLE 263 (116.1) On request | CAMBRIDGE | 40°
212 | 3000 | HILLIARD 10 | SNOOK | NEWARK 25 | 3000 | RIVERSIDE | ZANESVILLE | PITTSBURGH CINCINNATI
379 | 224 | CLICKENGER | PRICE | 15 | NORTON | PORT COLUMBUS-NAS 278(118.5,126.18) | PORT LANCASTER | LANCASTER | CROOKSVILLE
272 | SULLIVANT AVE. | LOCKBOURNE AAB 317(126.18) | GROVE CITY
CINCINNATI 335 | 39°30' | WASHINGTON | TRI-COUNTY | 39°30' | REED'S
On request | CLINTON CO. AAF 201 | 2 | MARIETTA
CLINTON CO. AAF 272 MIL 116.1,126.18,137.88,140.58 MIL | CHILLICOTHE SKYPARK | OHIO U. | WOOD CO. | STEWART
INTENSIVE INSTRUMENT TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES. | JONES | 4000
MT. ORAB 26 | CINCINNATI 335 | CHERRY FORK | SHUMATE | RAVENSWOOD | BLUE 39 | 5000 | 163 | ELKINS 281
3000 | 4000 | RED 18 | 296 | KNORE | OHIO W. VA. | 179 | ROANE CO. | 83 | 109 | 6000
MAYSVILLE | OHIO KY. | 110 | RAVEN ROCK | ABKEN | 135 | ASHLAND | HUNTINGTON | 255 | CLARK | RED 18 | 38°30'
38°30' | 101 | 5000 | 277
4000 | 5000 | 42 | 6000 | CHARLESTON 400 (116.1)
RED 11 | 75 | HUNTINGTON 236 (116.1) | 315 | 359 | BOLLINGER
3000 | 170 | 38° | LOGAN | 140 | SCOTT
W VA KY | MORRIS | BLUE 39 | 7000
CINCINNATI ATLANTA | 37°30' | PAYNESVILLE 356 | 37°30'
84° 37°20' | 83°30' | 83° | 82°30' | OVER | KY VA | 82° | 81°30' | PRINCETON | 81°

COLUMBUS

OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.(GCA)
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-VDT,86°, 1.9	(3); 116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°, 25	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

WEST VIRGINIA

CHARLESTON	400 (KN)(116.1)	SBMRAZ-VDT	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-VDT,75°, 2.4	(4);116.1

‖ INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs) ‖

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOCKBOURNE AAB, OHIO	109.9		3° Mag.	IM (.16)	MM ····· (.85)	OM -- (4.29)
					MM/K	OM/K
CLINTON CO. AAF, OHIO	109.5	332.6	320° Mag.	IM (.05)	MM	OM
					MM/K	OM/K

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aiken (Fussell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E, RR SE	535	29 S4	80 oct.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
* Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII(NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E,RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-L. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S.	815	50h R2 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
→ Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
(P) Huntington(Chesapeake)	2 WSW, riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker)	0.8 N;RR W	800	28 S1	80,91 oct. Hwy W.
Snook(Reynoldsburg)	1.4 NE;RR N	980	21 S6	80 oct.Pole line E;trees SW.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
Logan	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18) (118.7)	AC	(4);140.1,122.3,126.18
ALTOONA (Blair Co.)	338(RF) (116.1)	SBMRAZ-VDT;203° 1.3	(4);116.1
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH AIRPORT PITTSBURGH+	396 (126.18)	CA	(3);126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,124°, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 85°, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-VDT :85°, 2.2	(3);116.1
SUMMERHILL FM	(- - - -)	FM, 281° 22	Altoona
CECIL	219(C)	FMK,265°,10.3	Pittsburgh

VIRGINIA

FRONT ROYAL	362(FZ)(116.1)	SBMRAZ-VDT	(4);116.1
GORDONSVILLE (Int)	388(GJ)(116.1)	SBMRAZ-VDT;135°2.6	(4);116.1
LYNCHBURG (Preston Glenn)	206(LB)(116.1) 248	SBRAZ-VDT C: 165°,3.1	(4);116.1 (4)

WEST VIRGINIA

ELKINS	281(EK)(116.1)	SBMRAZ-VDT:174°2.9	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRLZ-VDT;35°,2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRLZ-VDT;173°,5.6	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
PITTSBURGH, PA.			95° Mag.		MMK 201----(.80)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct.Mtns E.

OHIO

Scott (Tiltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	

PENNSYLVANIA

ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6	80-100 oct.No ctc lgts.Rdo rec req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4	80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4	73 oct.
* Buckstown Int,12B,WA-CV	1 E;hwy S	2480	23 L3	
Connellsville	4 SSW;hwy E	1250	34h S2	80,91 oct.
Cresson	1 NE;RR W	2240	25 S2	80 oct.Pole line S.
(A) Greater Pittsburgh (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4	100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6	80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17	Poles NW.
Huntingdon	1 S;riv NE	620	20 S4	80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h	
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4	87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6	73 oct.Pole line N,NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W.Unverified.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line N.Rnwy data unver.
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charleroi)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Blair Co.,24A.CO-PG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

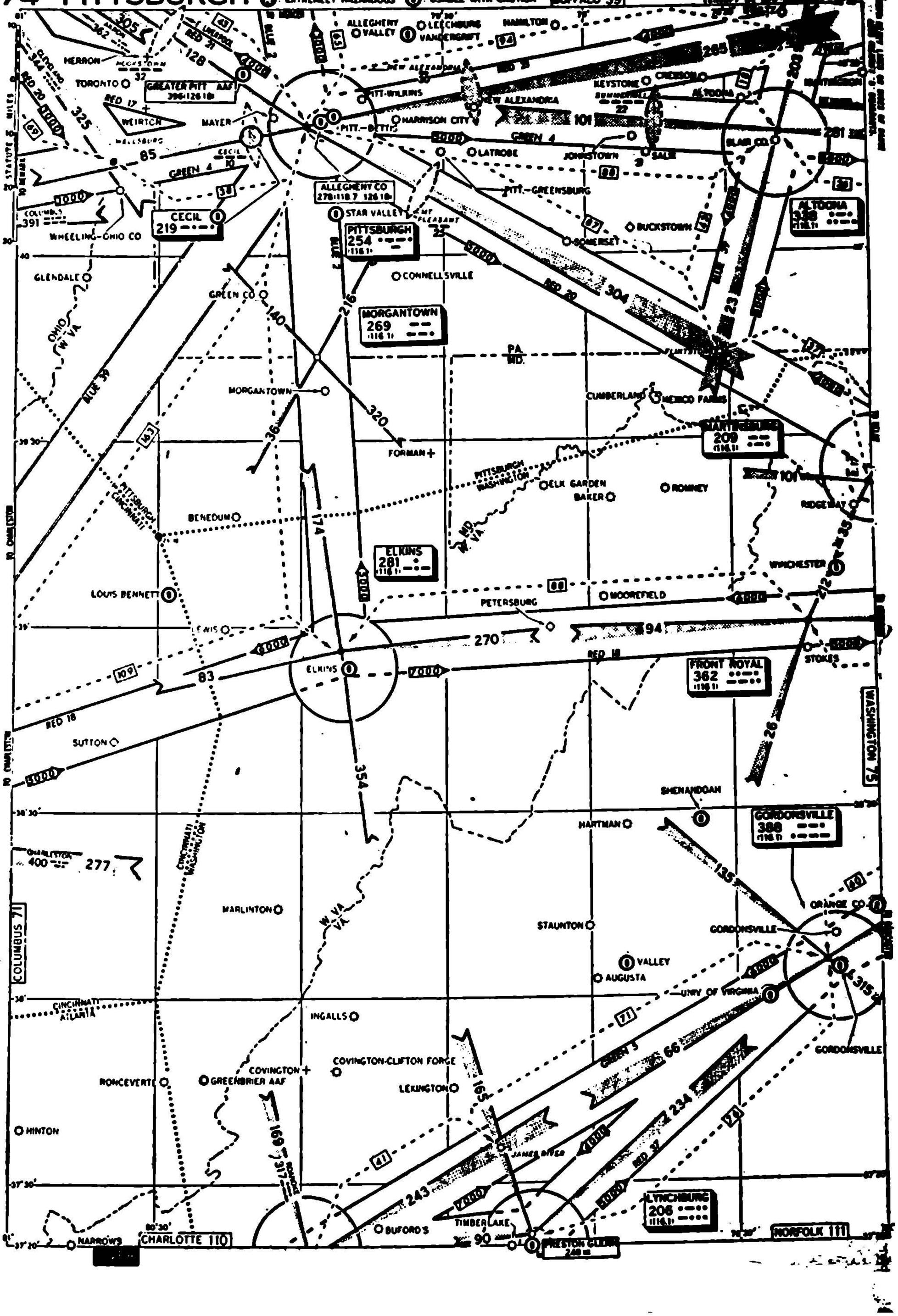
Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Int,51,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1200	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
(P) University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
→ Orange County (Orange)	4 E;hwy S		26 S2	80 oct. Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

Baker Airpark(Burlington)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAF (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int,29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int, 21, CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E		16 S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	All lgts prior req.
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct. Pole line NW.
Herron(New Cumberland, W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION



WASHINGTON 75

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS

SYRACUSE 42
HARRISBURG 242 (116.1)
PHILADELPHIA 266 (116.1)
NEW CASTLE 350
MILLVILLE 365 (116.1)
BALTIMORE 257 (116.1)
WASHINGTON 332 (116.1)
NAS. PATUXENT RIVER 420
NORFOLK 111

FOR DETAILS IN THIS AREA SEE CHART 78

OVER

RADIO AIDS

DELAWARE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOVER AAF	396 (126.18)	CA	(3);126.18 (7-19)
DUPONT ARPT. (Wilmington)	388	CI	3105,3117.5,5583.5 (8-20 daily except Sunday)
NEW CASTLE	350 (NC)	SMRAZ	
New Castle Co. (Wilmington)	219(118.5)	CI; 190°,2.8	(4);118.5

DIST. OF COLUMBIA

WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3); 116.1

MARYLAND

ANNAPOLIS	2870(142.74)	CN	3105,2870,6420;142.74
BALTIMORE	257(PO)(116.1)	BMRLZ-VDT	(3); 116.1 (7-17)
Baltimore Mun. Airport	278 (118.9)	C; 12°, 2.3	(4);118.9,122.5
BELTSVILLE FM	(-)	FM; 41°,17.6	Washington, D.C.
DONCASTER FM	(. . - - -)	FM; 209°,24.7	Washington, D.C.
MARTIN ARPT (Baltimore)	317	CI	(4)(8-sunset,Mon-Fri.)
MEEKINS NECK FM (Navy)	(-)	FM; 57°, 16	Patuxent River
PATUXENT RIVER (Navy)	420 (NHK)	BMRLZ	(3); 142.74 (GCA)
Patuxent Riv.NAS	347 (142.74)	CN; 57°, 4	(3); 142.74
PHILLIPS FIELD (Aberdeen)	201 (126.18)	CA	(3);126.18 (8-18 Mon.-Fri.8-1630Sat.Sun).
WEBSTER (Priest Point)	3345 (142.74)	CN	3105; 142.74 (24 hrs. adv. notice)

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
CARLISLE FM	(- - - -)	FM, 284°, 18	Harrisburg
HARRISBURG	242(HX)(116.1)	SBRAZ-VDT	(3)- 116.1
Harrisburg State Airport	278	C; 118°, 1.1	(4) 116.1,122.5,
MIDDLETOWN FM	(- -)	FM, 118°, 9	Harrisburg
OLMSTED FIELD (Middletown)	396 (126.18)+	CA	(4); 126.18
PHILADELPHIA (Southwest Arpt)	266(PG)(116.1)	SBMRAZ-VDT, 97°, 3	(4); 116.1
SEVEN VALLEYS FM	(- - -)	FM, 172°, 25	Harrisburg

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D.C.
CHESTER FM	(- -)	FM, 218°,9.15	Richmond
CHINCOTEAGUE (Navy)	221 (NKZ)	MRLZ	3105,4495;142.74
Chincoteague NAAS	3295 (142.74)	CN; 98°, 4.5	(3); 142.74
DAHLGREN NAF PROV. GROUNDS	368 (142.74)	CN	(3); 142.74 (8-16 except Sunday)
DAWN FM	(- - - -)	FM, 3°, 25.1	Richmond
HERNDON FM	(- - - -)	FM, 317°, 21.8	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	FM, 209°,8.2	Washington, D.C.
QUANTICO MCAS (Navy)	203 (NYG)	MRLZ;200°,4.6	3105,4495
RICHMOND	260(RW)(116.1)	SBRAZ-VDT	(3); 116.1
Richmond AAB	396 (126.18) (118.7)	AC(ILS);20°,1.9	(4);122.5,118.7,126.18
MILLVILLE, N.J.	365 (NV)(116.1)	SBRA-DTV,144°, 4.3	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Richmond AAB, Va.	109.9		63° Mag.	IM- (.17)	MM- .....(.90)	OM- - -(4.50)
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DELAWARE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW,riv SE	60	21 S2	80 oct. Riv. S
Bridgeville	1.5 S	20	27 S6	80 oct.Data unver.
Dover	1.4 ENE	34	19 S2	80 oct.Poleline N.
Dover Airpark	2.2 N,rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE,hwy E	28	70h R1	TMP INACT NO FACS
DuPont(Seaford)(NC)	0.8 WSW,RR NE	25	21	Poles NE.PRIVATE. RESTRICTED.
DuPont (Wilmington)	3 WNW,RR E	185	29 R1 L4 S4	80 oct,No sto.
(P) Georgetown	1.5 E,RR NW	51	50h	
(P) New Castle County (Wilmington)	4.8 SW,hwy SE	75	70h R2 L5 S1	80, 91 oct.
Rehoboth Beach Aircrafters	2.5 W,hwy N	10	35 L S6	80,91 oct.Obsts sur fld. Port rnwy lgts.
Skycraft (Wilmington) (NC)	3 NE,rd N	250	15	Poles N,W,S;trees NW, SE.
Sussex (Frankford)	1 N		24 S4	80 oct.Data unver.

MARYLAND

Aldino (Churchville)	2.2 NE,RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW,bay W	25	20	Trees N
Annapolis	2 SE		18h S4	80,91 oct,No sto.Data unver.
(P) BALTIMORE MUN.	6 SE,RR NE	14	46h R2 L5 S6	80,91 oct;100 oct prior
C.A.P. Base (Westminster)	2.6 N,hwy E	780	20 S4	80 oct. req.Rdo rqrd. Poleline E,NE.
Delmarvia(Salisbury)	2.8 NE,hwy W	45	21 S6	80 oct.Poleline N,E,NE
(P) Easton	2.2 N,RR E	66	40h L S4	80 oct.No sto.Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct No ben.CLSD
Faybrook(Rock Hall)	1.5 NNW,bay W	20	14 S4	80 oct.Trees WNW, NNE
Glenburnie-Whipp	1 E,hwy W	56	26 S6	80 oct Seaplane Anchor.
Hagerstown	4.2 N,RR W	700	39h L3 S4	80 oct. Fld lgts prior req.
Hickman(Ocean City)	7.5 NW, riv S	15	28 S4	80,91 oct.Data unver.
Lee Annapolis(Annapolis)	4.8 WSW, hwy E	30	28 S1	75 oct.Pole line ESE
Martin(Baltimore)	10 E,RR N	18	70h R1	PRIVATE.
(N) Patuxent River NAS(N)	2.9 NE Jarboes	38	97h R2 L5 S4	91,100 oct.JP-1.NATS.
(A) Phillips(Aberdeen)(A)	3.2 S,RR W	57	50h R1 L5 S1	100 oct. CLOSED.
Pimlico (Baltimore)	6 NW,hwy SW	449	32 S6	80,91 oct.
(N) Piney Point (N)	0.8 WNW	10	14h S1	73 oct.Use rnwys only.
Rutherford(Baltimore)	7 W,RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h	
Shady Side (NC)	1.8 SSW	10	15	Poleline SSW.RR W
Stevens (Frederick)	5.8 N,hwy E	440	28 S6	80 oct.Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct.Poleline S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.Poleline
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. JP-1 on req. S,SE.

NEW JERSEY

Alexandria (Pittstown)	2 WNW,lk NE	340	18 S4	80 oct.No sto.Trees ENE.
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct.P-line S,W.
Greenwich	2.5 W,riv SW	30	21 S6	75,80 oct.Trees N.
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct.Poleline S,E.
(P) Millville	3.3 SW,lk N	68	50h R1 L5 S6	80,91 oct.Fld lgts on req.
Penns Grove	3 SE,riv W	10	22 S2	73 oct.Poleline W,SSW.
Salem	2 ESE,rd S	15	22	CLOSED
Woodstown (Auburn)	1.5 SSE,RR E	100	30 S1	80 oct.Poleline N,NE.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE,RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only.Fld lgts prior req.
Berks (Reading)	4.5 NW, hwy SW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton)	4.5 SW,riv S	360	23 S6	80,91 oct.No sto.Poleline sur fld.
Cargill (Granville)	1.5 SW,RR SE	490	23 S2	75 oct.Obsts sur fld.
Carlisle	1.8 WSW,RR N	480	23 S2	80 oct.
Centerville(Carlisle)	11.3 SW,RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	22 S6	80 oct.E/W strip rough
Coatesville	1.6 W,RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE,hwy W	590	20 S6	75,80 oct.
Doersom(Gettysburg)	2.4 NW,RR N	590	19 S6	75 oct.Pwrline NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct.No sto.P-line SW

PENNSYLVANIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gettysburg	2.8 NNW	600	24 S3	80 oct.No sto RR SW
HARRISBURG STATE	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct.
Hershey	1.1 NNW,RR S	415	21 S2	80, 91 oct.
Kutztown	1.5 S,RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW	320	26 S6	73,80 oct.Pwrline W,RR
Lancaster,35,CO-PG	5.5 N,hwy W	385	27h L4 S4	80 oct.Poles S,WSW. SW.
Layfield(New Hanover)	2 NE,hwy W	320	17 S6	80 oct.Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct.
Lewistown	4 SW,riv SE	560	19 S6	80 oct.Wooded hill NW.
Madeira (Reading)	3.2 N,RR W	360	20 L S6	80 oct.Port flood lgts.
(P) Mount Union	4 S,hwy E	560	30 S4	80 oct.
New Hanover	0.5 W,hwy SE	320	20 L S4	80 oct.Port flood lgts.
(A) Olmsted(Middletown) (A)	1 W,RR N	300	50h R1 L5 S6	62-100 oct.JP-1.Poles N, NE, Riv. S.
Penn-Harris(Harrisburg)	4 ESE,RR N	400	18 L S6	80,91 oct. Flood lgts.
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel.Pole line ESE.
Pottstown	4.5 E,hwy N	311	30 S6	80 oct.Bldg NW.
READING	3 NW,riv E	342	52h L6 S6	B-2 lgts prior req.
Reigel(Campbelltown)	1 N,hwy N	475	20 S4	80 oct.
Schuylkill(Pottsville)	8.3 ESE, lake SE	510	29 L S6	80 oct.Port rnwy lgts. Hills SW,E,NE.
Smilin' Jack (Douglassville)	1.3 NW,RR S	200	24 S4	80 oct.
Sunset Airways (Chambersburg)	3.5 NNE,rd E, S	650	25 S1	80 oct.Pole line E,NNW
Swatara Valley (Pine Grove)	4 WSW,RR N	480	21 S4	80 oct.
Taylor(New Kingston)	0.5 SE,hwy N	440	28 S6	80 oct.Pole line N.
Valley Arpk (York)	3 ENE,RR N	420	21 S6	80 oct.Poles SSE,NNW.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct.
Womelsdorf	3 NW,hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct.Floodlgts.Pole N.

VIRGINIA

Blue Ridge(Herndon)	4 WSW,hwy NE	280	30	Poleline E.
Central (Richmond)	2.5 ENE,RR W	172	45 S6	80 oct.Poles WNW,SE.
(N) Chincoteague NAAS	4.5 WNW,hwy S	38	60h R2 L5 S4	100 oct. (N)
(N) Dahlgren NAF Proving Grounds (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLOSED.
Harcum (NC)	0.2 NW	85	35	Poles,trees sur fld.
Hermitage(Richmond)	3.2 NNW,RR W	200	20 S6	80 oct.Trees,poles E,W
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Kellam(Weirwood)	0.3 SW,RR E	15	20 S1	73 oct.Trees NE,SE.
Leesburg Airpark	0.7 ESE	280	26 S6	80 oct.Poleline NE.
* Lively Int,6,NW-WA	3.4 WSW,riv W	15	34 L3	35'trees,bldgs NW.
Manassas	2.7 NW,RR S	250	21	Pole line SW,SSE.
Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct.20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S,RR W	134	26 L3	40'trees S,NE,SW.
Northfield(Richmond)	3 N,hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
(A) RICHMOND AAB(A)	7.3 ESE,RR S	167	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE,riv E	50	23 S6	80 oct.
(A) Tappahannock Figt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED
(P) West Point	2.3 ESE	24	50h S4	80,91 oct.Riv SSW,
* Zieger(Warrenton)	3.7 S,hwy NE	440	20 S2	80 oct.Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S,hwy W	550	50h R1 L5 S6	80, 91,100 oct.
North End (Martinsburg)	2.5 NNE,RR W	515	28 S2	80 oct.Pole line N.
Currell's (Weems,Va	1 N,jct of rivs		17 S1	80 oct.P-line SE.Use strips only. Data unver.
Harrington (Del.)	1.8 E; RR W	50	25	
Kent (Worton,MD)	1 N; RR S	60	23 S2	80 oct.
Johnson(Onancock,Va)	1 ESE;RR E	34	22 S1	80 oct.
West Chester (Pa.)	2.5 NE;lake S	470	32 S4	80 oct.
Aberdeen Arpk(Md.)	1 SW		21 S4	80 oct. Data unver.
Frederick City (Frederick,Md)	1.8 E;riv N,E	305	49	

Surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS (Washington)	251(142.74)	CN	(3);142.74(7-sunset and on req.)
BOLLING FIELD (Washington)	219(126.18)	CA	(3);126.18,137.88
	(137.88)+		
WASHINGTON	332(WA)(116.1)	SBMRAZ-VDTX	(3);116.1
Washington Nat'l Arpt.	278(126.18) (118.5)	AC(ILS);25°,0.9	(4);118.5,126.18,131.9

MARYLAND

ANDREWS FLD (Camp Springs)	317(126.18)+	CA	(3);126.18 (GCA)
BELTSVILLE FM	(-)	FM, 41°,17.6	Washington, D. C.
DONCASTER FM	(. . . - - -)	FM, 209°,24.7	Washington, D. C.
ANDREWS FLD(Camp Springs)	379(DCM)	MLZ	

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
HOLMESBURG LFM	(- - -)	LFM, 238°,6.5	NE Philadelphia
JOHNSVILLE AIRPORT	203 (142.74)	CN	3105 cont,4495,6210;116.1,126.18, 140.58,142.74 on req (8-1/2 hr past sunset)
MUSTIN NAAF (Philadelphia)	251(126.18) (142.74)	CN	(3);126.18,142.74 (7-sunset,other hrs req on request.)
PHILADELPHIA (SW Arpt)	266(PG)(116.1)	SBMRAZ-VDT;97°,3	(4); 116.1
Philadelphia NE Arpt	278	CI	(4)
Philadelphia SW Arpt	278(118.1)	CI	(4);118.1
NE Philadelphia Range (Phil. NE Arpt)	371 (NP)	MLWZ-DT,238°,2.8	
WILLOW GROVE (Navy)	391 (NXX)	MRLZ	(3); 142.74
Willow Grove NAS	356 (142.74)	CN; 241°,3.35	(3);142.74 (days only except on 1 hr advance notice)
WINGS FIELD (Ambler)	278	CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D. C.
HERNDON FM	(- - - -)	FM, 317°,21.8	Washington, D. C.
MOUNT VERNON	236 (W)	FMK, 209°,8.2	Washington. D. C.
MOUNT VERNON FM	(. . - - -)	FM, 209°,8.2	Washington, D. C.
QUANTICO (Navy)	203 (NYG)	MRLZ	3105, 4495
Quantico MCAS	3295(142.74)	CN; 20°,4.6	(3); 142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WASHINGTON, D. C.	109.9	333.8	360° Mag.	IM ·····(.03)	MM	OM	——(3.60)
					MMK	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Column Indicate VHF Voice.**

+ - Army **A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.**

AIRPORTS

DIST. OF COLUMBIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS(Washington)	2.4SE Monument	8	50h R1 L5 S4	100 oct. No bon. (N)
(A) Bolling(Washington)(A)	3 SSE Monument	20	60h R1 L5 S6	73,100 oct.JP-1.Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct.JP-1 req. Rdo rec. req.730'Rdo Twr,6.2 NW. FOREIGN CLEARING STA.

MARYLAND

(A) Andrews (Camp Spring)(A)	1.5 E	279	55h R1(L6)S4		80,100 oct. JP-1
(N) Beltsville OLP (N)	5 ESE	180	40h		Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20	S4	80 oct. Pole line S.
College Park	8.5 NE of D.C	50	22	S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr (Croom)	3 E; RR W	40	20		Trees N,NNW
Congressional (Rockville	2 SSE;hwy E	450	32	S6	80 oct. Pole line E,NE.
Curtis (Brandywine)(NC)	3 SSW;RR E	200	18		Pole line N,W.
Erco (Riverdale)	0.4 NE; RR W	50	38	S1	80 oct. Trees E,NE,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

MARYLAND

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A) Ft. Meade (A)	0.5 NE ctr res	180	20h	
Hyde (Clinton)	2 WSW	249	32h S6	80,91 oct. Trees WNW,NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30 S1	80 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW,SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18	S6	73 oct. Pole line NNE,SSE.
Bridgeport	0.8 ESE; RR N	23	18	S4	80 oct.
Burlington Airpark	1.7 NE		24	S4	80 oct. No sto.Data unverified.
Central (Camden)	1.8 E;riv S,W	20	25h		Open to private flying.
Echelon (Ashland)	0.5 SE;RR W	100	27	S6	80,91 oct. Pole line NW.
MARLTON-MEDFORD INC (Marlton)	1.5 ENE	80	30	S2	80 oct.
Mercer County,new (Trenton)	5 NW; RR SE	211	40h		
Mercer County, old (Trenton)	5.8 NW;RR E	200	25	S1	73,80,91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35	S6	80 oct.No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18	L S4	80 oct.Port. rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17	S6	80 oct. Pole line S,SSW.
Triangle (Glassboro)	4.3 ENE	150	18	S2	80 oct. Pole line SW.

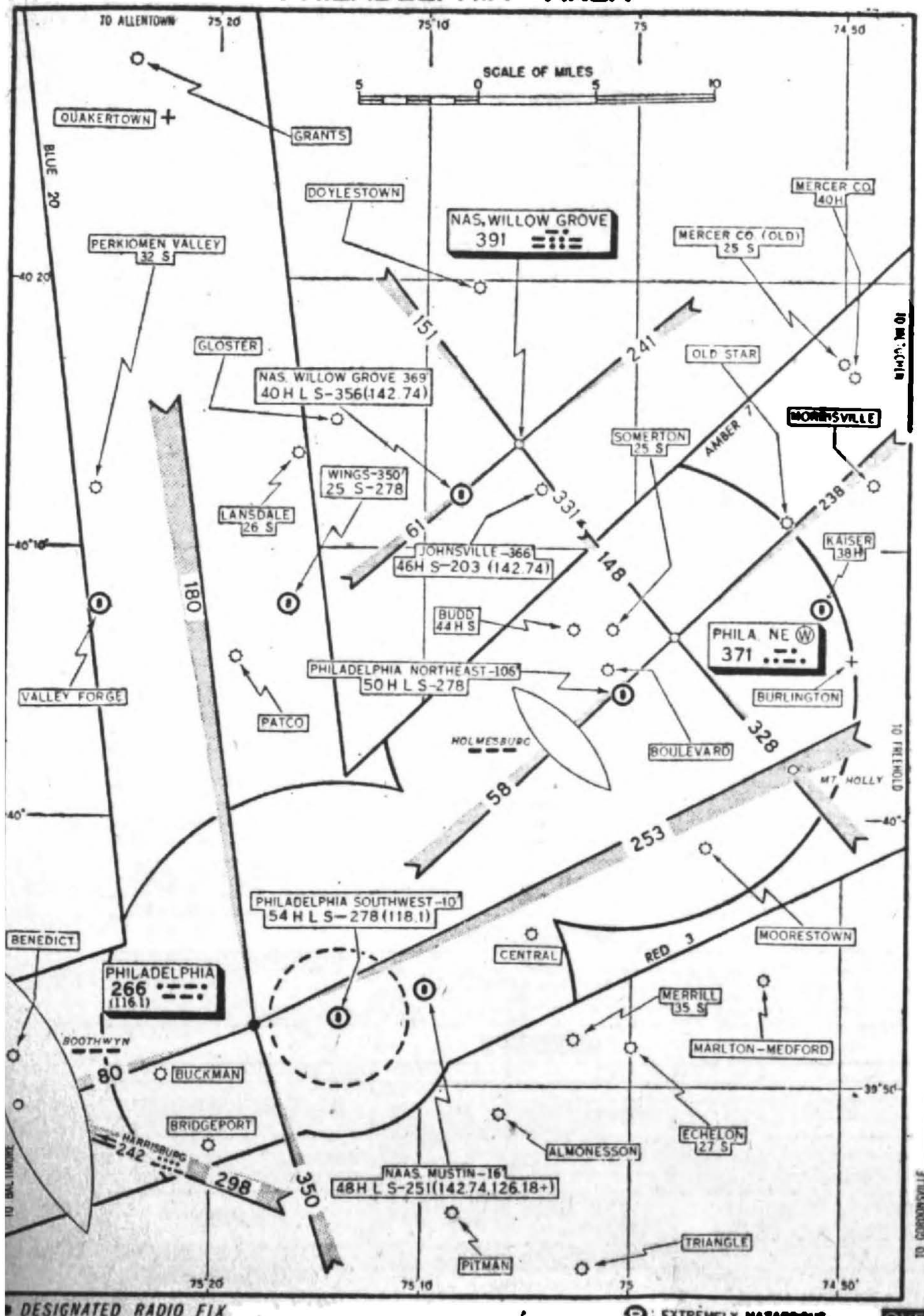
PENNSYLVANIA

Benedict (Chester)	6.5 W	430	26	S2	80 oct. Data unver
Boulevard (Philadelphia)	12 NE; RR SW	160	22	S4	80 oct. Obst sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20	S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h		
Doylestown	1.5 NNE;RR SW	400	22	S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22	S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	18	S6	80 oct.
(N) Johnsville	0.8 NW; RR E	366	46h	R1 S4	91,100 oct. Res't to Navy.
(N) Kaiser (Bristol)	2 N; riv SE	35	38h		Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26	S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W;riv E	180	28	S4	80 oct.
(N) Mustin NAAS (Philadelphia)	4 S; riv S	16	48h	R1 L5 S6	100 oct. Pole line NE.NAFC.(N)
Old Star (Langhorne)	2.4 E; RR N	180	24	S5	80 oct.No sto. Poles N,S.
Patco (Norristown)	2.5 SE;bet RRs	200	19	S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32	S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h	R2 L5 S1	80,91 oct.Rdo req.
" SOUTHWEST	6.5 SW;riv SW	10	54h	R2 L6 S6	82,91 oct. Rdo rec req.
Somerton (Philadelphia)	14 NE;RR N,E	200	25	S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW,SE	250	24	S6	80 oct.
(N) Willow Grove NAS (N)	4 NNW; hwy E	369	40h	R2 L5 S4	91,100 oct. No sto.NAFC.NATS.
Wings (Ambler)	3 WSW;rds E,W	350	25	R1 S6	80,91 oct. Trees N,S.
Quakertown	2W; hwy E	511	21	S6	80 oct. Data unverified.

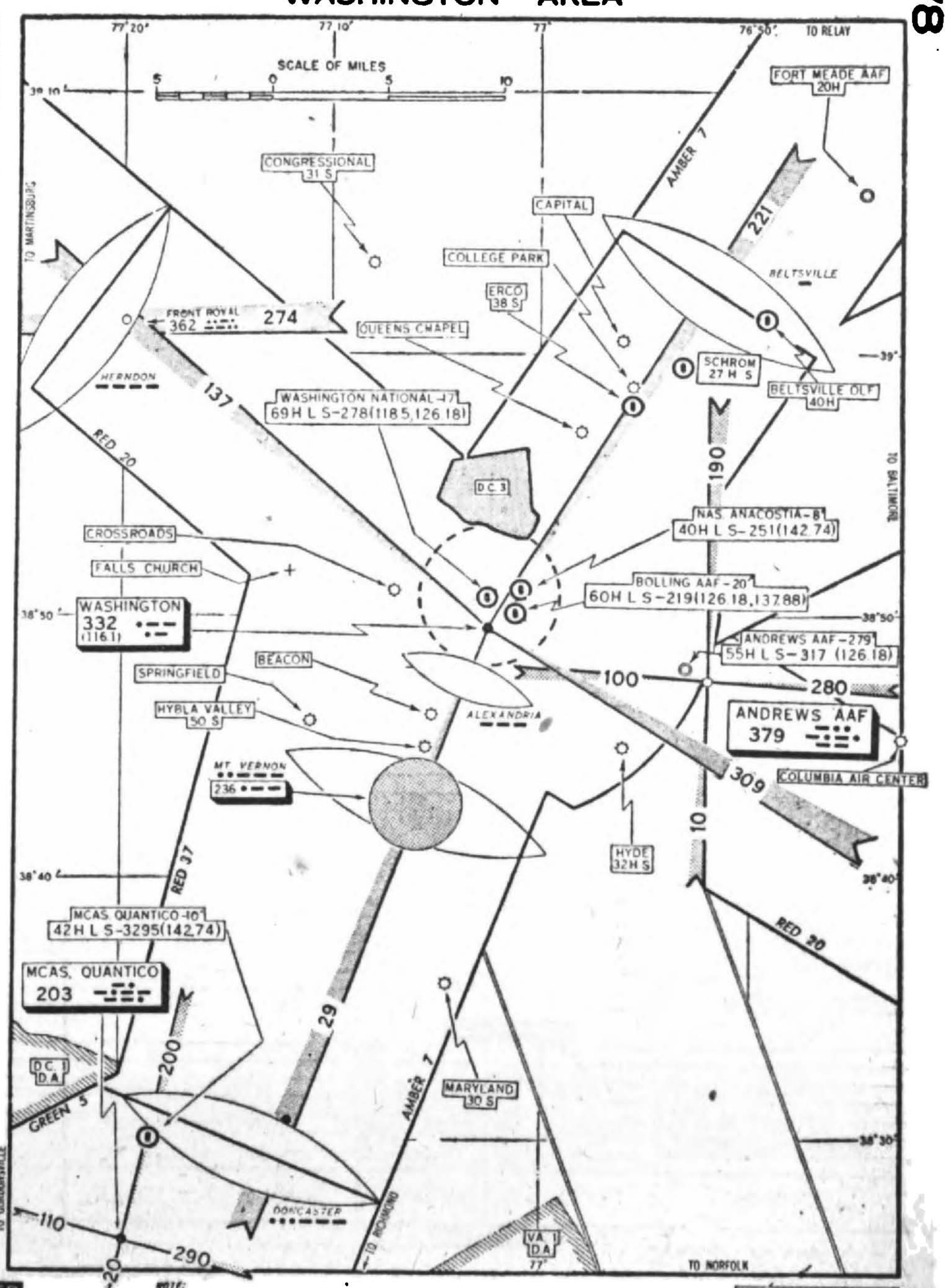
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	240	24	L1 S6	80 oct.No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20	S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26	S6	No sto. Data not verified.
Hybla Valley (Alexandria)	4.5 SSW;hwy E	66	50	S6	80 oct. Trees,pole lines sur fld
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h	R2 L5 S6	73,91,100 oct. NATS.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20	S4	80 oct. No sto. Obsts sur fld.

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

OVER

NOTE:
HEAVY LINES ON SIDES OF SOME LEGS INDICATE 'E' QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS

U: USABLE WITH CAUTION

ALBANY 43

SYRACUSE 42

WASHINGTON 75

LAKE SUSQUEHANNA
TRINCA
10 BRANCHVILLE
AIRCRAFT RADIO CORP
LINCOLN PARK
MURCHIO
TO HARTFORD
POST CHESTER
CALDWELL-WRIGHT
254 sc. 126.18 mc
TETERBORO
LITTLE FERRY
LA GUARDIA
362 sc. 118.1. 126.18 mc
NEW ROCHELLE
275
CLASON'S PT.
AVIATION COUNTRY CLUB
E. HANOVER
HACKETTSTOWN
MORRISTOWN
BENDIX
NEW YORK
209
(116.1)
HICKSVILLE
GRUMMAN
323 sc.
CARLL
MASTIC
MACARTHUR
278 sc.
NEWARK
341
(116.1)
NEWARK
278 sc. 118.3. 126.18 mc
FLATBUSH
353
FLUSHING
ROOSEVELT
REPUBLIC
371 sc.
ZAHNS
FITZMAURICE
C.A.
MITCHEL AAF
272 sc. 126.18 mc
COLUMBIA
MITCHEL AAF
227
SOMERSET HILLS
LEBANON
32
WESTFIELD
ELIZABETH
NW JERSEY
ALLENTOWN
320
SOMERSET
SHINN-WOODBRIDGE
SOLBERG-HUNTERDON
HADLEY
HUGHES
STATEN IS.
ROCKAWAY
MITCHEL
CONEY I.
FLOYD BENNETT
379
IDLEWILD (W)
248
NO BRUNSWICK
METUCHEN
13
PRINCETON
PENNINGTON
MERCER CO
MERCER CO (OLD)
NASSAU
FREEHOLD
40
NAS. FLOYD BENNETT
440 sc. 142.74 mc
AMBROSE
NEW YORK
RED BANK
HIGHTSTOWN
ASBURY PARK
MONMOUTH CO.
ASBURY PARK
20
OLD STAR
MORRISVILLE
SKYHAVEN
PHILA. NE(W)
371
KAISER
BURLINGTON
PHILADELPHIA
266
MT. HOLLY
MOORESTOWN
FORT DIX AAB
CASSVILLE
3
LAKEWOOD
NAS. LAKEHURST
3295 sc. 142.74 mc
NAS. LAKEHURST
520
FORKED RIVER
15
EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX 100 MI SEAWARD. N. BOUND U.S.-CANADIAN BORDER. S. BOUND LAT 35-00
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.
ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA
OVER

SOUTHERN NEW JERSEY

N. Y. OCEANIC ATC
WASH. OCEANIC ATC
NAS. ATLANTIC CITY
359 sc. 142.74 mc
DOWNSTOWN
CAVOLI'S
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CGAS CAPE MAY
SCALE OF MILES
10 0 10 20 30

NEW YORK 79

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	359 (142.74)	CN	(3); 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18(8:30-sunset,Mon.-Sat. 9-sunset Sun.)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 224°, 40	New York, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341(NK)(116.1)	SBRAZ-DTV	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS);58°, 1.0	(4); 131.9,126.18,118.3
TETERBORO (Bendix)	317	CI	3105,6210,3117.5
		NEW YORK	
CLASON'S POINT LFM	(-)	LFM, 44°, 7.5	New York
FLATBUSH	353 (F)	FMK, 224°, 8.3	New York
FLATBUSH FM	(- - -)	FM, 224°, 8.3	New York
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	440 (142.74)	CN, 122°, 1.9	(3);142.74 (8-17) (GCA)
GRUMMAN (Bethpage, L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°, 2.3	
LA GUARDIA (N.Y.)	362(126.18,118.1)	AC (ILS)	(4);126.18,118.1,Airline freqs
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays,ngt.& Sunday if important)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3)
Mitchel Field	272 (126.18+	CA(ILS);301°,8.2	(3); 126.18 (app ctl)
NEW YORK (La Guardia)	209 (LG)(116.1)	SBMRAPZ-DTXV;44°,3.4	(3); 116.1
NEW ROCHELLE	275 (R)	K; 44°, 12.8	New York
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
REPUBLIC FIELD (Farmingdale)	371	CI	(3)(days)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5	Floyd Bennett
[redacted]			
PHILADELPHIA NORTHEAST	371 (NF)	MLW2-DTV;236°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)					
La Guardia, N.Y.	109.9		44° Mag.	IM-	(.05)	MM-	(.81)	OM-	(3.40)
						MMK- 233 ---	(.81)	OMK-317 ---	(4.5)
Mitchel (L6), N.Y.	110.3	335	300° Mag.	IM-	(.06)	MM-	(.81)	OM- --	(4.03)
						MMK-257 --	(.81)	OMK-20 ---	(4.03)
Newark (L5), N.J.	109.5	332.6	58° Mag.	IM-		MM-	(.59)	OM-	(3.8)
						MMK-201 ----	(.59)	OMK-219 --	(3.8)
				IM-		MM-		OM-	
						MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aero-Marine Terminal (Keyport)	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
(N) Clarke (Ocean City)	2.8 SW;RR SE	8	23	Naval tow target practice.
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted) ➔ NEW OR REVISED DATA

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT,NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L5) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.5 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W.
➔ Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Ctc lgts on req Rdo rcvr rqrd
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS. Rnwy data unver
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.
		NEW YORK		
Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. (N)
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
(N) LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN CLEAR. STN.
Nassau (Hempstead)	4.5 E;hwy N	80	21	
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
		PENNSYLVANIA		
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
Nassau(Hempstead) (N.J.)	4.5 E;hwy N	80	21	
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- --)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT, 149°,0	(4); 116.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3); 116.1
LOS ANGELES	260 (LA)(116.)	SBRAZ-VDTX.244°3 R	(3):116.1 ,122.1
LOS ANGELES	109.1(LA)	BVAR	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN	(3); 142.74 (GCA)
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18,142.74
MT. LAGUNA	254(TN)(116.1)	MHVT	(4); 116.1
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	MHVT	(4); 116.1
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT,216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°,2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3), 126.18
SAN CLEMENTE ISLAND NAAS	3295(142.74)	CN	3105,4495;142.74
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT,139°, 2,3	(3); 116.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74 (GCA)
San Diego NAS (Seaplane)	2870	CN	
TRONA (Int.)	323 (EW)	SBMRAZ-DT,349°, 11	(4) Not manned cont.
VICTORVILLE AAF	278 (126.18)	CA	(3). 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3), 3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A C S. transmits on and guards 116.1, 137.88, 140.50 mcs.

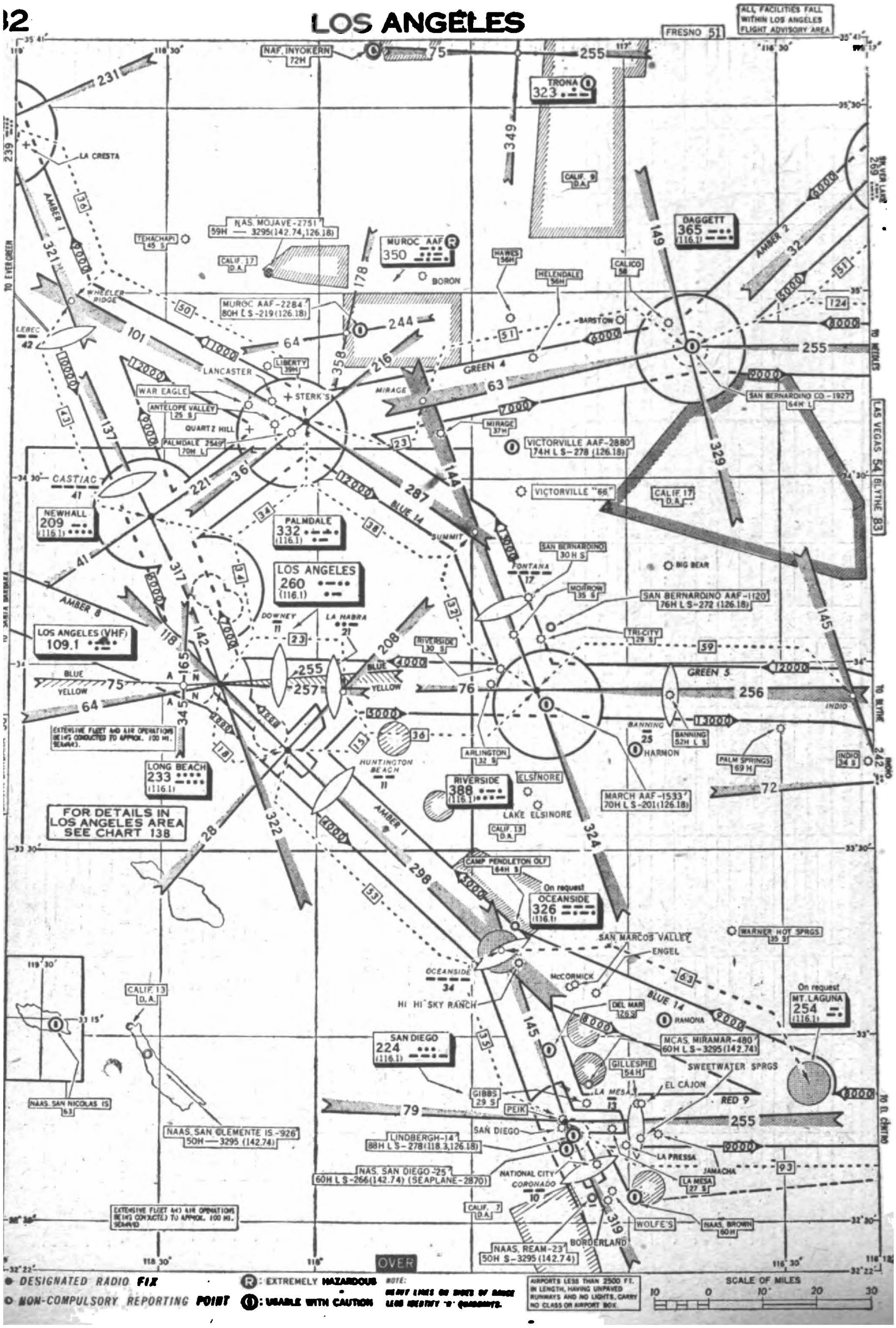
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	24	
Borderland(San Ysidro)	1.5 WNW,RR W /	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver
(N) Brown NAAS (Otay)(N)	6.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	NATS.
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct. No sto. Poles NE,E
(N) Gillespie MCAAF (N)	1 SSW,rd E	385	54h	Towers W. (Santee)
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
Hawes(Victorville)	27.5 N,RR N	2319	56h	
Hi Hi Sky Ranch	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
Helendale(Victorv l)	20 N	2508	56h	
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	INACTIVE.
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE	660	36h S1	80,91 oct. Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	80,91 oct. Rdo rqrd
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT: CIVIL FACS
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
Mirage(Victorville)	18 WNW,rd S	2865	87h	
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	80h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N)	0.7 E,hwy W	2751	59h R1	CLOSED
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(N) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct. Port rnwy lgts. Data unver.
Ramona	0.6 WNW,	1440	15 S1	80 oct. Road NE.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
Ryan (Hemet)(NC)	2.5 WSW	1502	23	RR SE.
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island NAAS (N)	8 S of N end	926	50h R1	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NAFC.
San Marcos Valley (San Marcos)	1 W,RR,hwy S	530	19 S4	80 oct. No sto. Hill NE
(N) San Nicolas Island NAAS (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airranch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "56"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S.
Wolfe's Arok (Otav)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
Ramona OLF	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	80	30h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → ALL OR REVISED DATA

LOS ANGELES

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRWAYS LEAD NEAREST VOR FACILITY.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

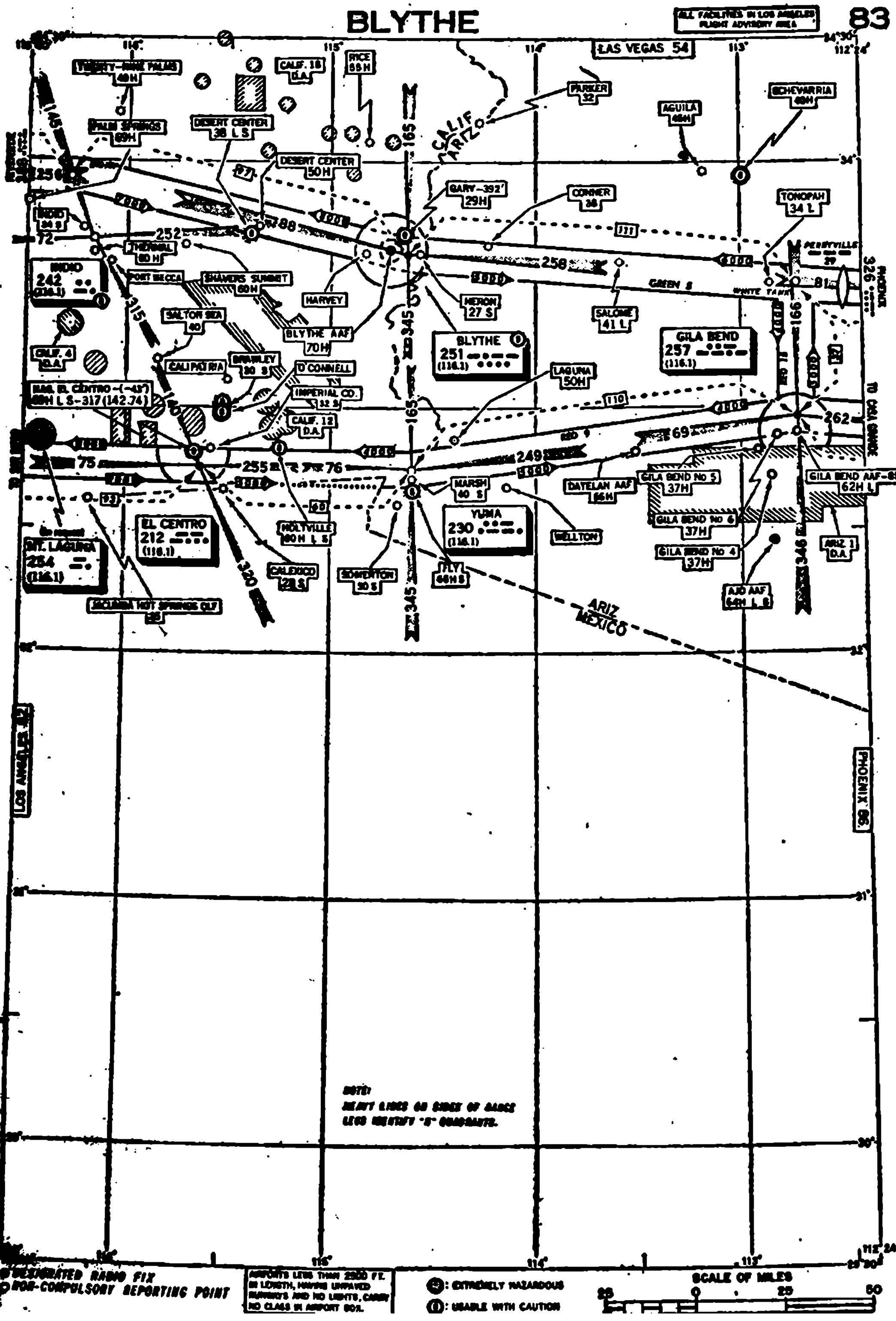
SCALE OF MILES

10 0 10 20 30

BLYTHE

83

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA



NOTE:
HEAVY LINES AS SIDES OF AREAS LESS RESTRICT "S" QUADRANTS.

BLYTHE

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA	230(UP)(116.1)	SBMRAZ-VDT,165°,5.8	(4); 116.1
BLYTHE	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.5	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	MHVT	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echeverria (Wickenburg)	14.8 WSW,RR N	2380	40h	
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	
(A) Gila Bend #4 (A)	18 SSW	1000	37h	
(A) Gila Bend #5 (A)	15.3 SW	800	37h	
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
★ Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintertersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF (Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. OF ENTRY
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver. ARPT
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (Salton Sea)	25 W of center	450	50	On W portion Dry Lake. (N)-(NC)
(N) Coyote Wells OLF -North (El Centro)	21 NW	300	26	(N) (NC)
(N) Coyote Wells OLF -South (El Centro)	21 WSW	300	25	(N) (NC)
Desert Center	2.5 NE.rd NW	555	50h	
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto. (N)
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct. Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE. No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct. Data unver.
(N) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
(A) Rice AAF (A)	2.2 ESE,RR N	832	55h	CLOSED
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	
Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-VDT,259°,2.3	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(3); 116.1,126.18,118.3,
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-VDT,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122,5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT,307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs, Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

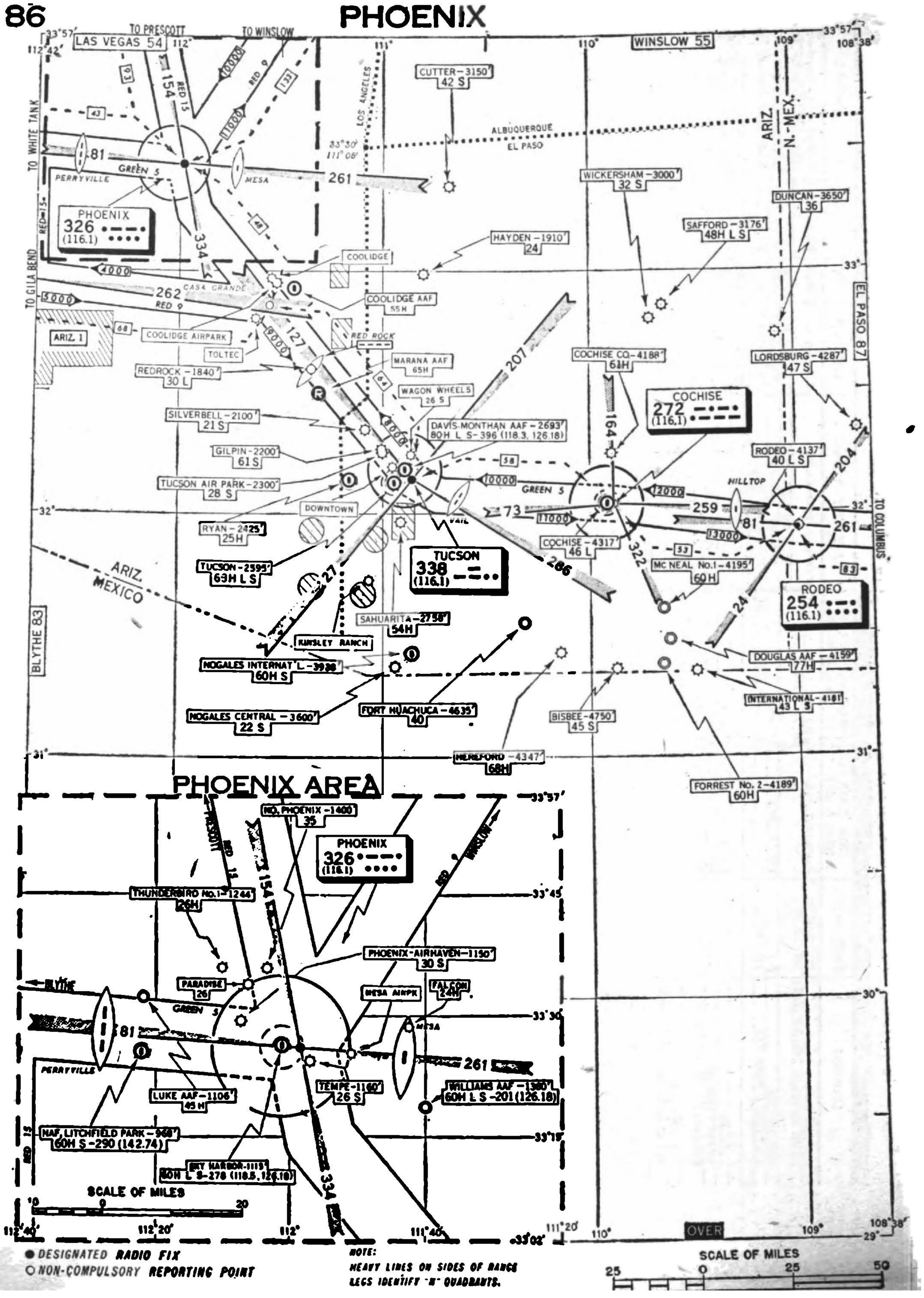
AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct. Poles W. Port. rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2693	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa) (NC)	7.3 NE,hwy S	1332	24h	
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
Ft. Apache (White River)(NC)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
Hereford	2.5 WSW,rd N	4347	68h	Twr SE.
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No sto.

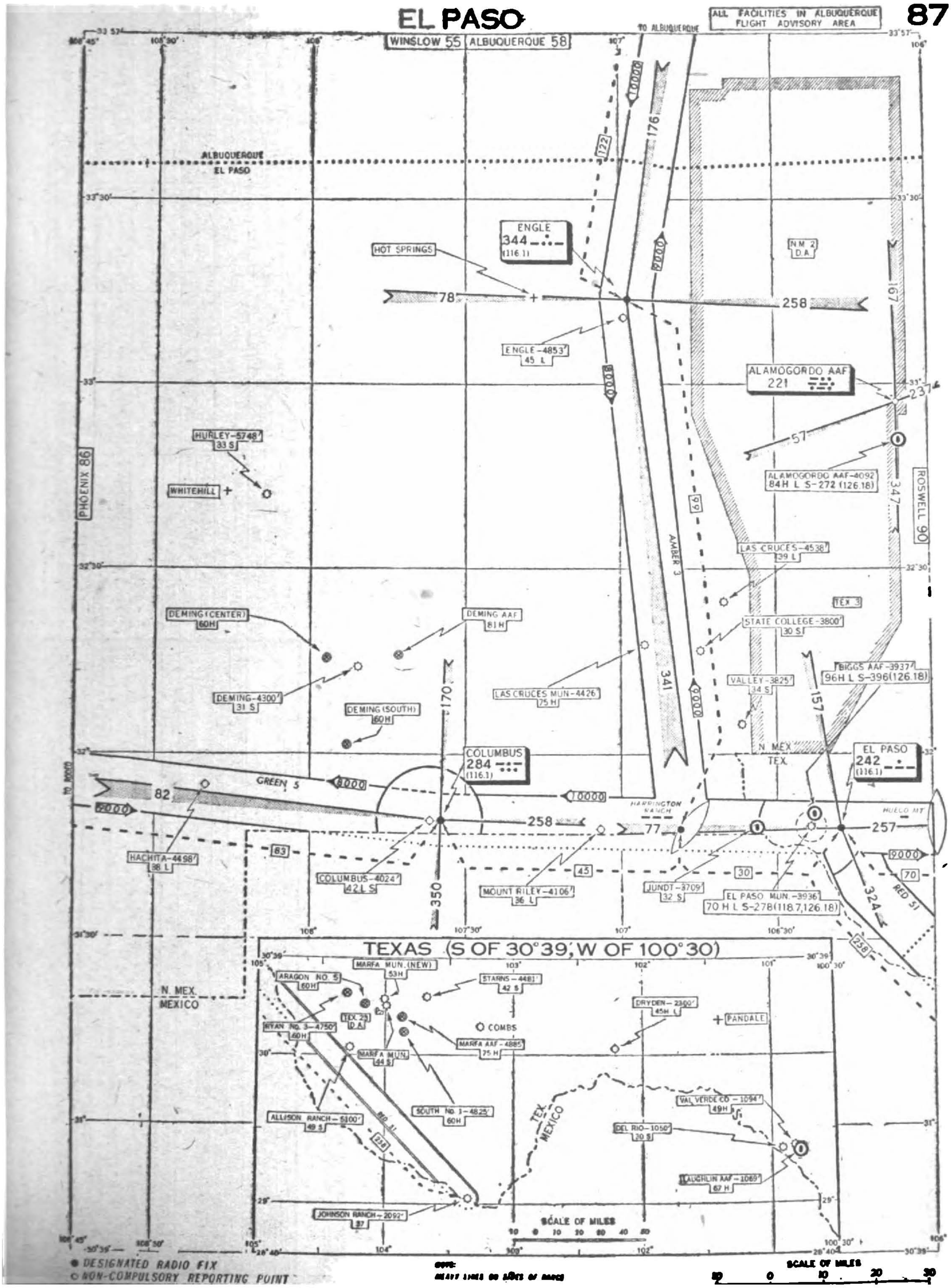
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct. No sto. Poles SW,NE.
★ Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E, trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No sto. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE, bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
★ Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
Downtown (Tucson,Ariz.)	1 4 S,RR SW	2400	34 S2	80,91 oct. Poles N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

PHOENIX


TO PRESCOTT
TO WINSLOW
LAS VEGAS 54
WINSLOW 55
CUTTER – 3150'
42 S
ALBUQUERQUE
EL PASO
LOS ANGELES
ARIZ.
N.-MEX.
TO WHITE TANK
PERRYVILLE
GREEN 5
MESA
261
PHOENIX
326
(116.1)
WICKERSHAM – 3000'
32 S
DUNCAN – 3650'
36
SAFFORD – 3176'
48H L S
HAYDEN – 1910'
24
COOLIDGE
CASA GRANDE
262
RED 9
COOLIDGE AAF
55H
TO GILA BEND
ARIZ. 1
COOLIDGE AIRPARK
TOLTEC
RED ROCK
MARANA AAF
65H
REDROCK – 1840'
30 L
WAGON WHEELS
26 S
COCHISE CO – 4188'
61H
LORDSBURG – 4287'
47 S
EL PASO 87
SILVERBELL – 2100'
21 S
DAVIS-MONTHAN AAF – 2693'
80H L S – 396 (118.3, 126.18)
COCHISE
272
(116.1)
GILPIN – 2200'
61 S
RODEO – 4137'
40 L S
TUCSON AIR PARK – 2300'
28 S
HILLTOP
GREEN 5
259
DOWNTOWN
RYAN – 2425'
25H
COCHISE – 4317'
46 L
MC NEAL No. 1 – 4195'
60H
TUCSON
338
(116.1)
TUCSON – 2595'
69H L S
ARIZ.
MEXICO
RODEO
254
(116.1)
BLYTHE 83
SAHUARITA – 2756'
54H
KINSLEY RANCH
DOUGLAS AAF – 4159'
77H
NOGALES INTERNAT'L – 3938'
60H S
INTERNATIONAL – 4181'
43 L S
NOGALES CENTRAL – 3600'
22 S
FORT HUACHUCA – 4635'
40
BISBEE – 4750'
45 S
HEREFORD – 4347'
68H
FORREST No. 2 – 4189'
60H
PHOENIX AREA
NO. PHOENIX – 1400'
35
PHOENIX
326
(116.1)
THUNDERBIRD No. 1 – 1244'
26H
PHOENIX-AIRHAVEN – 1190'
30 S
PARADISE
26
MESA AIRPK
FALCON
24H
MESA
261
TEMPE – 1160'
26 S
WILLIAMS AAF – 1380'
60H L S – 201 (126.18)
LUKE AAF – 1106'
45 H
NAF, LITCHFIELD PARK – 968'
60H S – 290 (142.74)
SKY HARBOR – 1118'
60H L S – 278 (118.5, 126.18)
SCALE OF MILES
OVER
SCALE OF MILES
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

EL PASO


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
WINSLOW 55
ALBUQUERQUE 58
TO ALBUQUERQUE
ALBUQUERQUE
EL PASO
ENGLE 344 (116.1)
HOT SPRINGS
78
258
ENGLE-4853' 45 L
ALAMOGORDO AAF 221
237
57
ALAMOGORDO AAF-4092 84H L S-272 (126.18)
HURLEY-5748' 33 S
WHITEHILL
PHOENIX 86
ROSWELL 90
LAS CRUCES-4538' 39 L
TEX 3
STATE COLLEGE-3800' 30 S
DEMING (CENTER) 60H
DEMING AAF 81H
DEMING-4300' 31 S
DEMING (SOUTH) 60H
LAS CRUCES MUN-4426 75H
VALLEY-3825' 34 S
BIGGS AAF-3937' 96H L S-396(126.18)
COLUMBUS 284 (116.1)
N MEX
TEX
EL PASO 242 (116.1)
GREEN 5
82
HARRINGTON RANCH
77
HUECO MT
257
HACHITA-4498' 38 L
COLUMBUS-4024' 42 L S
MOUNT RILEY-4106' 36 L
JUNDT-3709' 32 S
EL PASO MUN.-3936 70 H L S-278(118.7,126.18)
TEXAS (S OF 30°39', W OF 100°30')
MARFA MUN. (NEW) 53H
ARAGON NO. 5 60H
STARNS-4481' 42 S
DRYDEN-2300' 45H L
PANDALE
COMBS
RYAN NO. 3-4750' 60H
MARFA AAF-4885 75 H
MARFA MUN. 44 S
N. MEX.
MEXICO
ALLISON RANCH-5100' 49 S
SOUTH NO. 3-4825' 60H
VAL VERDE CO-1094' 49H
DEL RIO-1050' 20 S
LAUGHLIN AAF-1069' 67 H
JOHNSON RANCH-2092' 37
SCALE OF MILES
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
SCALE OF MILES

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army	221 (DGR)	BMRLZ	(3);4220;126.18
Alamogordo AAF	272 (126.18)	CA;167°,6.5	(3);126.18 (0730-1930) Mon-Fri. (Sat. & Sun. 730-1630)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-VDT, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3); 116.1
El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°,4.9	(4):131.9,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Alamogordo, N. Mex.				IM- DECOMMISSIONED		OM-
					MMK-	OMK-
Biggs, Tex.	109.9		213° Mag.	IM- (.26)	MM- ····· (.85)	OM- -- (3.50)
					MMK-	OMK-
EL PASO, TEX.	109.5	332.6	217° Mag	IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
→ Engle Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
* Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver.
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.
Las Cruces (NC)	1 NE,hwy N	3900	35	
Las Cruces, mun.	8.5 W,hwy S	4426	75h	Cattle on fld.
Las Cruces 4,EO-PU	9.5 NE,hwy S	4538	39 L3	Pwr line S, Mtn E.
Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct.No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct,50' hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N.Rnwy data unver.
TEXAS				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.JP-1.No
Blair Ranch (Marathon) (NC)	23.5 SSW,hwy E	4180	24	PRIVATE. range.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-PI	5.7 W,hwy N	2300	45h L3	
(N) EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct.No sto.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	ARPT OF ENTRY.
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline
Presidio (NC)	4 N,hwy W	2850	48	NOT MNTND. S, SW.
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.
Pandale (Tex.)	8 NE		20 S2	80 oct. Data unver.
Combs (Marathon) (Tex)	0.7 SE; RR, hwy N	4100	27 S2	80 oct. Data unver.

h-hard surfaced runways; R-radio facilities, L-lighting facilities, S-servicing. (See page X111) NC-(not charted). → New or revised data

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW;322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA;255°, 3.6	(3); 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT;162° 2.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards-116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
→ CARLSBAD MUN.	6.1 SSW,	3276	65 L5	Hwy E.Ctc lgts on req.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	INACTIVE.
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, EO-FV	16.8 E Pine Springs -	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
Pecos	2.2 SSW	2617	72h	RR W
★ Salt Flat Int.8A.EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N.Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

ROSWELL

ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA

ALBUQUERQUE 58

DORA

ALBUQUERQUE
EL PASO

FLYING "E" RANCH

ROSWELL – 3887'
56 L S

ROSWELL COM

ROSWELL AAF – 3882'
85 H L S – 396 (126 18)

ROSWELL AAF
305

122

216

293

35

+ RUIDOSO

ROSWELL AAF NO 3 – 3712'
70 H

ALAMOGORDO – 4339'
29 S

ARTESIA (MUN – 3590'
60 H L S

LOVINGTON – 3988'
35

TRACY – 3886'
28 S

CARL SBAD

CARL SBAD – 3275'
65 H

JOHN A EGAN

142

241

CARL SBAD MU – 3295'
67 H

61

CARLSBAD
311

322

EL PASO 87

NM 9
D A

342

GUADALUPE PASS
VOICE – (116.1 Mc)

SALT FLAT
335
(116.1)

DELAWARE SPRINGS – 3956'
40 L S

HINES – 3980'
24 S

N. MEX.
TEX.

GUADALUPE PASS

EL PASO
242
257

79

259

61

GREEN 5

260

70

112

SALT FLAT – 3710'
40 L S

ANDERSON – 3830'
42 S

CULBERSON COUNTY – 3955'
60 H

KENT – 4280'
21 S

PECOS
72 H

VAN HORN – 4040'
28 S

285

TEX.
MEXICO

EL PASO 87

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

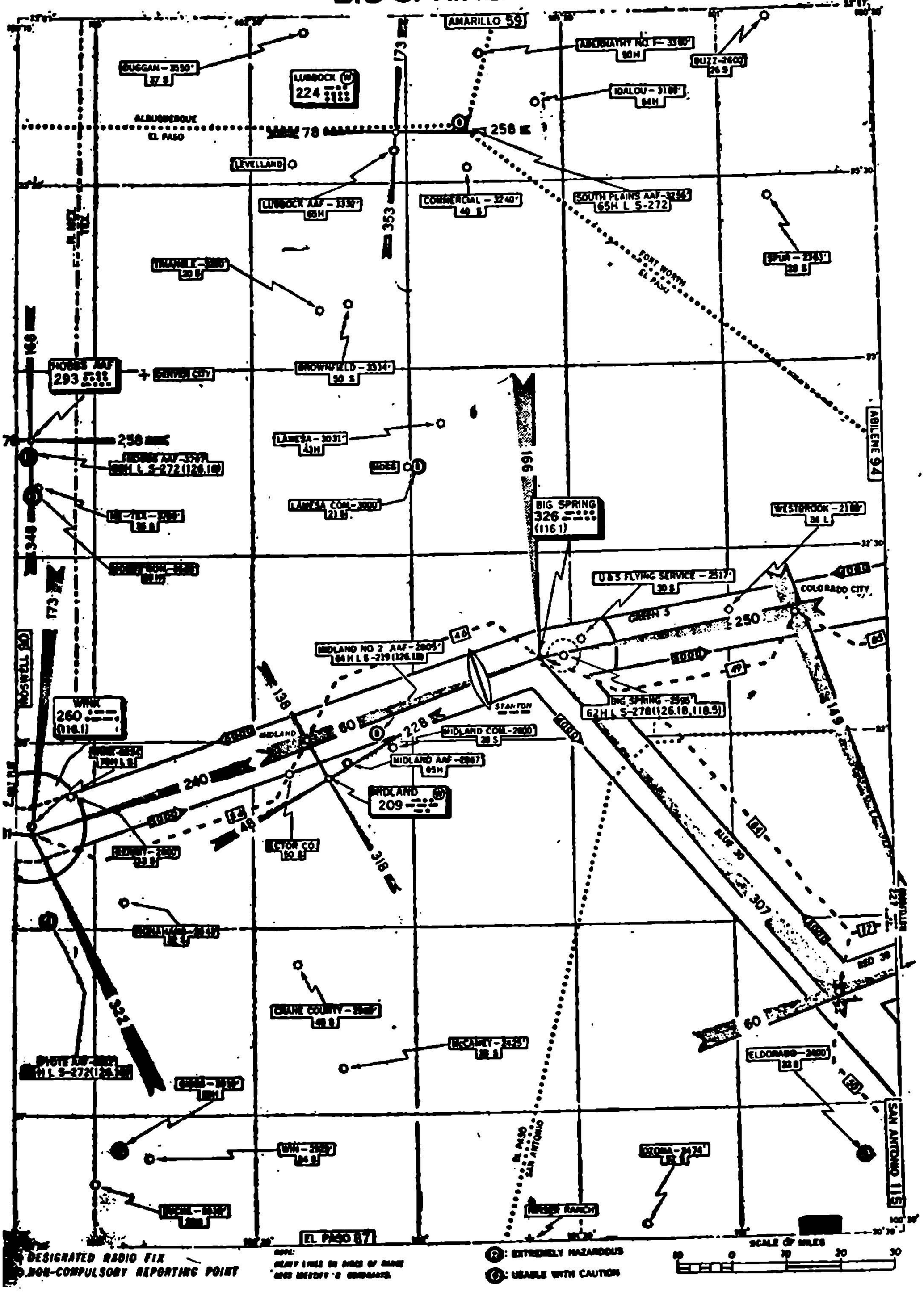
NOTE:
HEAVY LINES AND BOXES OF RADIO
LEGS INDICATE 'E' ROUTE(S).

: EXTREMELY HAZARDOUS

: USABLE WITH CAUTION

SCALE OF MILES
10 0 10 20 30

BIG SPRING


AMARILLO 59
DUGGAN – 3350'
LUBBOCK (W)
224
ALBUQUERQUE
EL PASO
78
258
LEVELLAND
LUBBOCK AAF – 3359'
65H
COMMERCIAL – 3240'
40 S
SOUTH PLAINS AAF – 3256'
65H L S-272
353
FORT WORTH
EL PASO
ABILENE 94
HOBBS AAF
293
SEMINOLE
BROWNFIELD – 3314'
30 S
LAMESA – 3031'
4JH
HOBBS
LAMESA COM – 3000'
21 S
BIG SPRING
326
(116.1)
WESTBROOK – 2180'
34 L
U&S FLYING SERVICE – 2517'
30 S
COLORADO CITY
GREEN 5
250
ROSWELL 90
WINK
260
(116.1)
MIDLAND NO 2 AAF – 2805'
64 H L S-219 (126.18)
136
STANTON
60
228
MIDLAND COM – 2810'
28 S
MIDLAND AAF – 2867'
63H
MIDLAND
209
49
318
BIG SPRING – 2828'
62 H L S-278 (126.18, 116.9)
307
149
ELDORADO – 2600'
32 S
SAN ANTONIO 115
EL PASO 87
EL PASO
SAN ANTONIO
SCALE OF MILES
80 0 20 40 60
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-2300)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
TEXAS			
BIG SPRING	**326(BZ)(116.1)**	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	**278 (126.18)**	C; 70°, 3.9	(4); 126.18,122.5 Trs. & gds. 118.5 mcs.
LUBBOCK (AAF)	**224 (DHH)**	**MRLWZ; 173°,3.9**	
MIDLAND	**209 (DON)**	**MRLWZ;48°,3.8-AAF**	
Midland No. 2	**219 (126.18)**	**CA**	**(4); 140.58,126.18**
PYOTE AAF	**272 (126.18)**	**CA**	**(3); 126.18**
SOUTH PLAINS AAF (Lubbock)	**272**	**CA**	**(4) (8-22)**
STANTON FM	**(- - -)**	**FM, 240°,12**	Big Spring.
WINK	**260(WP)(116.1)**	**SBRAZ-VDT**,353°,1.2	(4); 116.1

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AIRPORTS — NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	91,100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct. Pole line N,W,NW.
TEXAS				
(A) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS
(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct.
Brownfield	5 E; hwy N	3314	50 S2	80 oct. Poleline N, NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct. Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips.
Crane Co. (Crane)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct. PRIVATE. Data unverified.
Lamesa	8.9 NNE;hwy E	3031	43h	
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct. Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct. Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	TEMP INACT NO FACS
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct. No sto. Rnwy data unverified.
(A,N) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE;RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
Denver City (Tex.)	0.5 NW	3584	40 S1	80 oct. Data unver.
Hogg (Lamesa, Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.

-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII) NC-(not charted). → NEW OR REVISED DATA.

LOCATION / ABILENE	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
Abilene Air Term.	379(AP)(116.1)	SERAZ-VDT	(3); 116.1
	278 (118.7)	C; 180°, 2.3	(4); 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305° 1.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

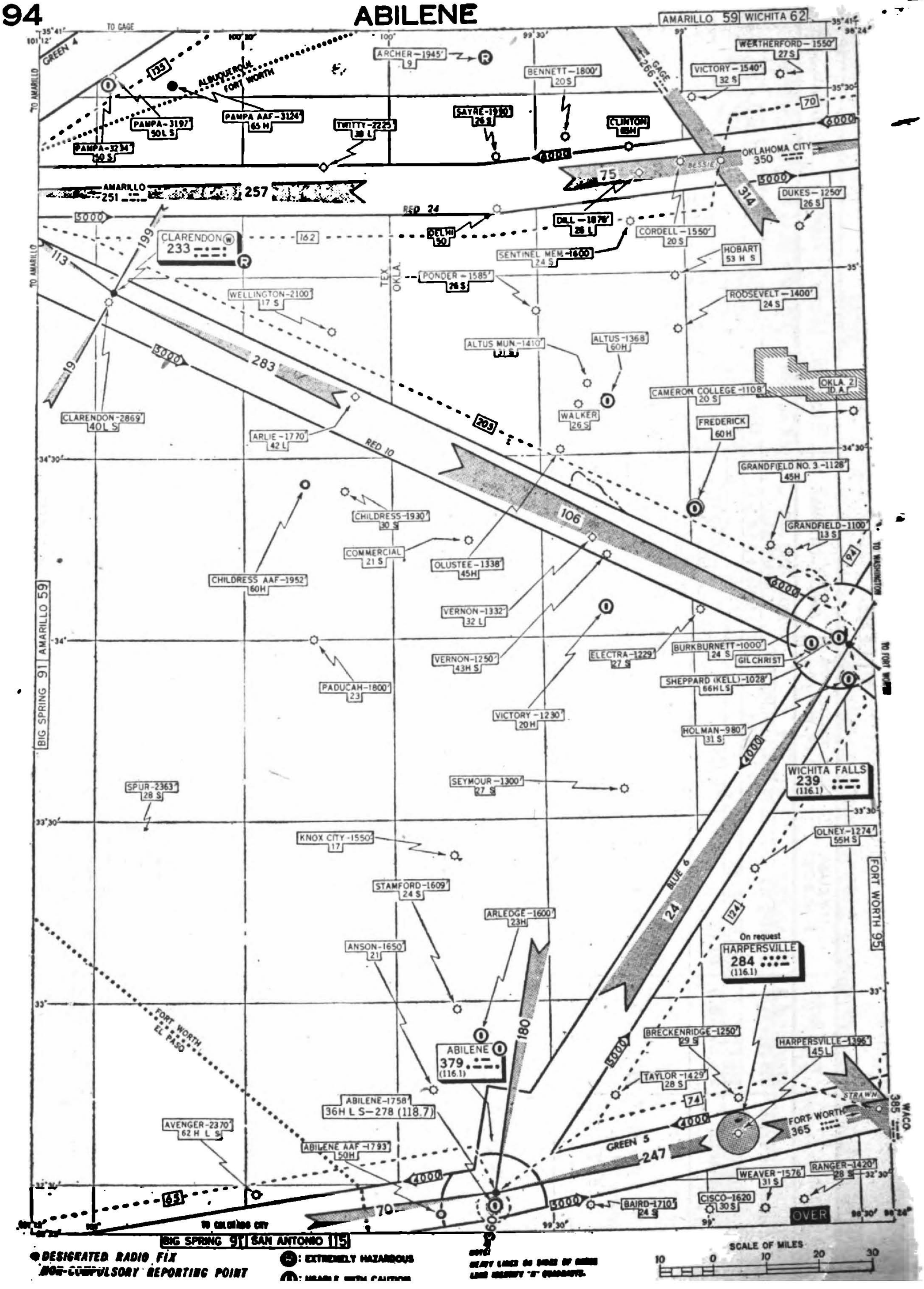
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Altus	3.4 ENE,hwy S	1368	60h	
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct.Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct.Poleline W.Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct.Poleline S.
Frederick	3.5 SSE	1233	60h	
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
Grandfield #3	3.1 W,RR NE	1128	45h	
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct.Poleline N,NW.
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct.Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct.Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

TEXAS

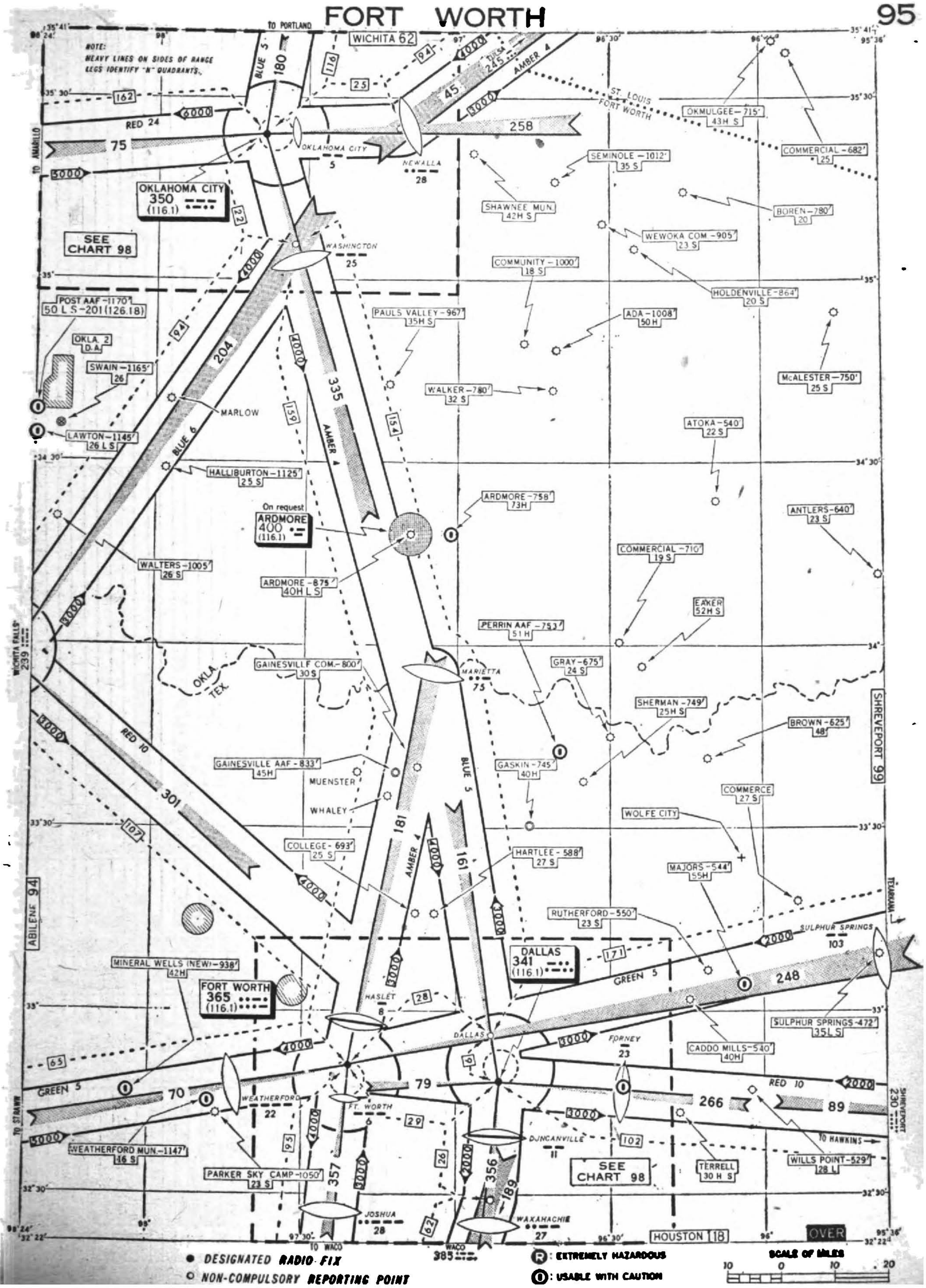
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91,100 oct.
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	TMP INACT NO FACS. (SEE SPL NOT)
Anson	0.8 ENE,RR W	1650	21	
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct.Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct.Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct.Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct.Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S2	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct.P-line S;bldg SW
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct.Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct.ARMY TMP INACT.CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct.No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct.Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not checked). ➡ NEW OR REVISED DATA.

ABILENE


AMARILLO 59 WICHITA 62
TO GAGE
GREEN 4
135
ALBUQUERQUE FORT WORTH
PAMPA-3197' 50L S
PAMPA AAF-3124' 65 H
PAMPA-3234' 150 S
TWITTY-2225' 38 L
ARCHER-1945' 9
BENNETT-1800' 20 S
SAYRE-1950' 26 S
CLINTON 65H
GAGE 266
WEATHERFORD-1550' 27 S
VICTORY-1540' 32 S
70
6000
OKLAHOMA CITY 350
BESSIE
75
314
5000
DUKES-1250' 26 S
AMARILLO 251 257
RED 24
DELHI 50
DILL-1076' 26 L
CORDELL-1550' 20 S
CLARENDON 233
162
199
113
SENTINEL MEM.-1600' 24 S
HOBART 53 H S
TEX. OKLA.
PONDER-1585' 26 S
WELLINGTON-2100' 17 S
ROOSEVELT-1400' 24 S
ALTUS MUN-1410'
ALTUS-1368' 60H
283
19
CAMERON COLLEGE-1108' 20 S
OKLA. 2 10 A
WALKER 26 S
FREDERICK 60H
209
CLARENDON-2869' 40L S
ARLIE-1770' 42 L
RED 10
106
GRANDFIELD NO. 3-1128' 45H
GRANDFIELD-1100' 13 S
94
TO WASHINGTON
CHILDRESS-1930' 30 S
COMMERCIAL 21 S
OLUSTEE-1338' 45H
CHILDRESS AAF-1952' 60H
VERNON-1332' 32 L
VERNON-1250' 43H S
ELECTRA-1229' 27 S
BURKBURNETT-1000' 24 S
GILCHRIST
SHEPPARD (KELL)-1028' 66H L S
TO FORT WORTH
PADUCAH-1800' 23
VICTORY-1230' 20 H
HOLMAN-980' 31 S
BIG SPRING 91 AMARILLO 59
SPUR-2363' 28 S
SEYMOUR-1300' 27 S
WICHITA FALLS 239 (116.1)
OLNEY-1274' 55H S
KNOX CITY-1550' 17
STAMFORD-1609' 24 S
ARLEDGE-1600' 23H
BLUE 6
24
124
On request
HARPERSVILLE 284 (116.1)
FORT WORTH EL PASO
ANSON-1650' 21
ABILENE 379 (116.1)
180
BRECKENRIDGE-1250' 29 S
HARPERSVILLE-1396' 45 L
TAYLOR-1429' 28 S
74
ABILENE-1758' 36H L S-278 (118.7)
STRAWN
WACO 385
AVENGER-2370' 62 H L S
ABILENE AAF-1793' 50H
FORT WORTH 365
GREEN 5
247
WEAVER-1576' 31 S
RANGER-1420' 28 S
65
70
TO COLORADO CITY
BAIRD-1710' 24 S
CISCO-1620' 30 S
OVER
BIG SPRING 91 SAN ANTONIO 115
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

FORT WORTH


NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
TO PORTLAND
WICHITA 62
BLUE 5
180
116
94
4000
TULSA
245
AMBER 4
45
25
162
6000
RED 24
75
5000
TO AMARILLO
OKLAHOMA CITY
5
NEWALLA
28
258
ST. LOUIS
FORT WORTH
OKMULGEE – 715'
43H S
COMMERCIAL – 682'
25
SEMINOLE – 1012'
35 S
SHAWNEE MUN.
42H S
BOREN – 780'
20
WEWOKA COM – 905'
23 S
OKLAHOMA CITY
350
(116.1)
22
SEE CHART 98
WASHINGTON
25
COMMUNITY – 1000'
18 S
HOLDENVILLE – 864'
20 S
POST AAF – 1170'
50 L S – 201 (126.18)
PAULS VALLEY – 967'
35H S
ADA – 1008'
50 H
OKLA. 2 D.A.
SWAIN – 1165'
26
204
335
McALESTER – 750'
25 S
WALKER – 780'
32 S
MARLOW
159
154
AMBER 4
ATOKA – 540'
22 S
LAWTON – 1145'
26 L S
BLUE 6
HALLIBURTON – 1125'
25 S
ARDMORE – 758'
73H
On request
ARDMORE
400
(116.1)
ANTLERS – 640'
23 S
COMMERCIAL – 710'
19 S
WALTERS – 1005'
26 S
ARDMORE – 875'
40H L S
EAKER
52H S
PERRIN AAF – 753'
51H
WICHITA FALLS
239
OKLA.
TEX.
GAINESVILLE COM. – 800'
30 S
MARIETTA
75
GRAY – 675'
24 S
SHERMAN – 749'
25H S
BROWN – 625'
48
SHREVEPORT 99
RED 10
3000
301
GAINESVILLE AAF – 833'
45H
MUENSTER
WHALEY
GASKIN – 745'
40H
BLUE 5
181
161
AMBER 4
COMMERCE
27 S
WOLFE CITY
107
COLLEGE – 693'
25 S
HARTLEE – 588'
27 S
MAJORS – 544'
55H
ABILENE 94
RUTHERFORD – 550'
23 S
SULPHUR SPRINGS
103
TEXARKANA
MINERAL WELLS (NEW) – 938'
42H
FORT WORTH
365
(116.1)
DALLAS
341
(116.1)
171
GREEN 5
248
HASLET
28
SULPHUR SPRINGS – 472'
35 L S
DALLAS
FORNEY
23
CADDO MILLS – 540'
40H
65
GREEN 5
70
WEATHERFORD
22
FT. WORTH
29
RED 10
266
89
SHREVEPORT 230
TO STRAWN
WEATHERFORD MUN. – 1147'
16 S
PARKER SKY CAMP – 1050'
23 S
93
357
356
189
26
DUNCANVILLE
11
102
SEE CHART 98
TERRELL
30 H S
WILLS POINT – 529'
28 L
TO HAWKINS
JOSHUA
28
62
WAXAHACHIE
27
HOUSTON 18
OVER
TO WACO
WACO
385
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARDMORE	400 (AT)(116.1)	MHVT	(4); 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Lawton)	201 (126.18)	CA	(3); 126.18 (7-17 Mon.-Fri.)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City
TEXAS			
DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT,356°2.2	(3); 116.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3); 116.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - - -)	FM, 177°, 27.7	Fort Worth
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore, 10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S,RR E	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
(A) Post (Lawton)(A)	3 N	1170	50 R1 L4 S4	73 oct.; ltd 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
(A) Swain (Lawton)(A)	3.5 E,hwy N	1165	26	CLOSED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
→ Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
College (Denton)	4.2 N	693	25 S6	73 oct. Cattle on field.
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg.lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S.
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
Majors (Greenville)	5 SSE,RR W	544	55h	
(P) Mineral Wells	3.2 SE,RR N	938	42h	
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted, → NEW OR REVISED DATA

RADIO — OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	FM,78°,27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350(OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM,78°,5.4	Oklahoma City
TINKER, OKLAHOMA CITY (Army)	221 (DTE)	BMRAZ	4495
Tinker Field	396 (126.18)+	CA;170°,5.3	(3); 126.18
→ WILL ROGERS FIELD (Oklahoma City)	272(118.7))	C	(4);118.7,126.18,122.5
WASHINGTON FM	(- - -)	FM,155°,24.6	Oklahoma City

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DALLAS (Love Field)	341(DL)(116.1)	SBMRAZ-VDT,356°,2.2	(3); 116.1
DUNCANVILLE	404 (D)	FMK,176°,10.5	Dallas
DUNCANVILLE FM	(- -)	FM,176°,10.5	Dallas
FORNEY FM	(-)	FM,86°,23	Dallas
FORT WORTH (Meacham Field)	365(FW)(116.1)	SBRAZ-VDTX,177°,2.4	(3); 116.1
Fort Worth AAF	201 (126.18)+	CA	(3); 126.18
FORT WORTH LFM	(- - -)	LFM,177°,6.2	Fort Worth
HASLET FM	(-)	FM,1°,8.1	Fort Worth
HASLET	371 (F)	FMK,1°,8.1	Fort Worth
HENSLEY FIELD (Dallas)	396 (126.18)	CA	(4); 126.18
JOSHUA FM	(. . - - -)	FM,177°,27.7	Fort Worth
LOVE FIELD (Dallas)	278 (126.18) (118.9)	AC (ILS)	(4); 118.9,122.5,126.18
→ MEACHAM FIELD (Fort Worth)	272 (126.18) (118.7)	AC(ILS)	(4);126.1[illegible],122.5
WAXAHACHIE FM	(. . - -)	FM,176°,27	Dallas
CRAWFYLER PARK	311 (L)	K,356°, 0.8	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOVE (DALLAS), TEX.	110.3	335	140° Mag.	IM	MM ·-·- (0.7)	OM -- (4.35)	
					MMK	OMK	
MEACHAM (FT. WORTH), TEX.	109.1	333.8	172° Mag.	IM	MM ·-·- (0.7)	OM -- (4.1)	
					MMK 356 ···- (.70)	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW;RR E	1260	20 S1	80 oct.
→ Bethany (Oklahoma City)	8WNW	1400	44h S6	80,91 oct.Pwr line S.
Bomhoff (Calumet)	4.1 SSE;hwy S	1448	25 S4	73,80,91 oct.
Caddo Flying Ser.(Ft.Cobb)	6 SE;hwy S	1250	16 S2	80 oct.
(P) Chickasha	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts.
Cimarron (Yukon)	4 WSW;hwy N	1350	20h	
(P) El Reno	1.5 SW;RR N	1400	26 L S6	80 oct.Port rnwy lgts.
Geary	1.4 E;RR N	1300	21 S2	73 oct.
→ Garthueffner Co. Club (Oklahoma City)	7.3 S;hwy E	1250	19h S6	80 oct.
Lake View (Yukon)(NC)	2.7 E;RR N	1275	24	PRIVATE.Poles N,S.
Max Westheimer (Norman)	2.7 NW;RR E	1178	50h S2	80,91 oct.
(P) Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Oklahoma City)	7.2 SSW;hwy W	1265	30 S6	80 oct.Poles N,W,SW.

AIRPORTS — OKLAHOMA

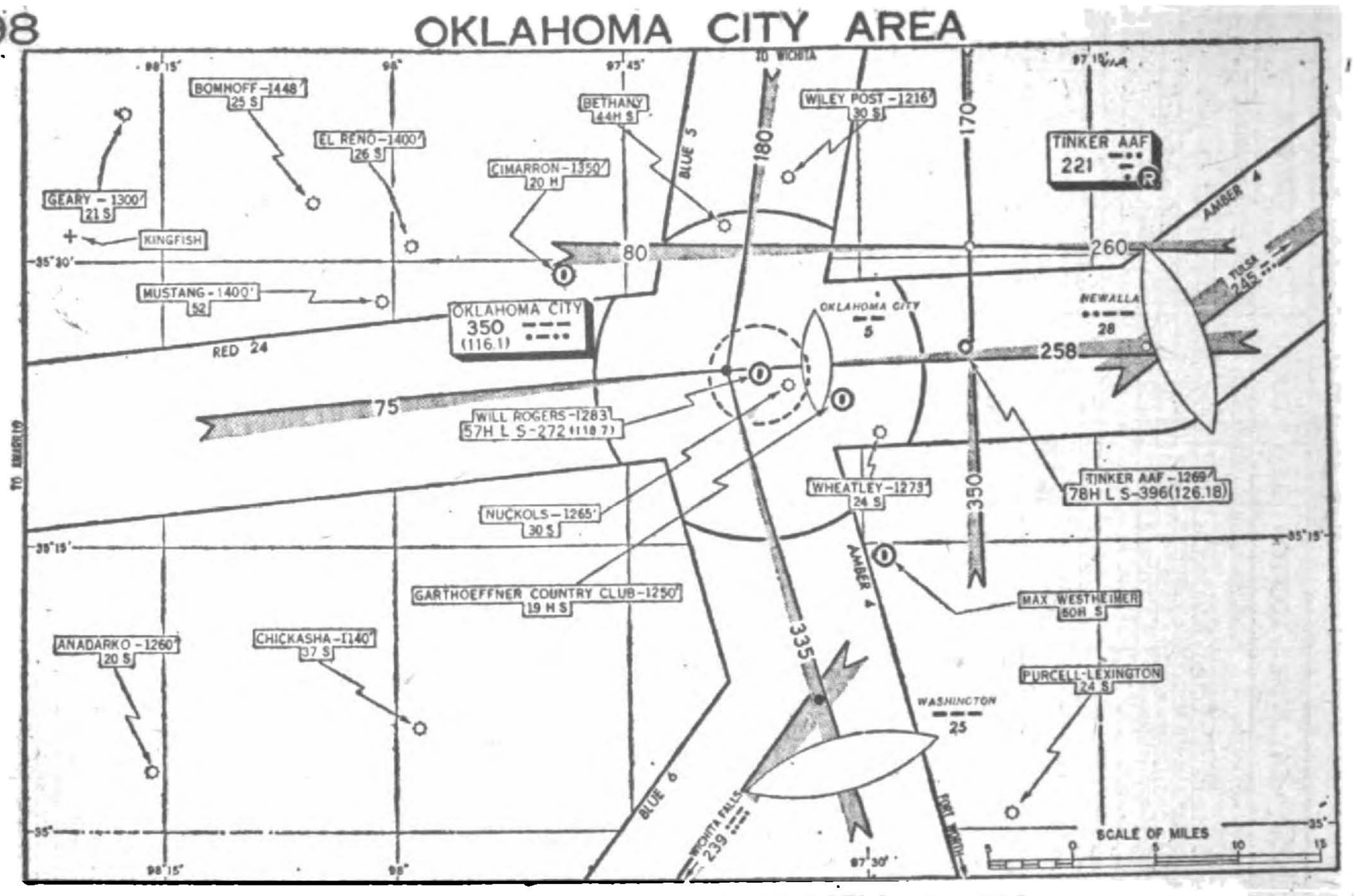
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW;riv W	1100	24 S2	80 oct.Trees S,SSW,SSE.
(A,N) Tinker (Oklahoma City)	8.5 SE;RR NE	1269	78h R2 L5 S6	62,91,100 oct.JP-1.NAPC. (A)
Wheatley Airpark (Moore)	0.6 NE;hwy W	1273	24 S6	73 oct.
Wiley Post (Oklahoma City)	7.9 NNW;hwy E	1216	30 S6	80,91 oct.Trees S.
WILL ROGERS (Oklahoma City)	7.5 SW;hwy E	1283	57h R2 L5 S6	80,91,100 oct.

AIRPORTS — TEXAS

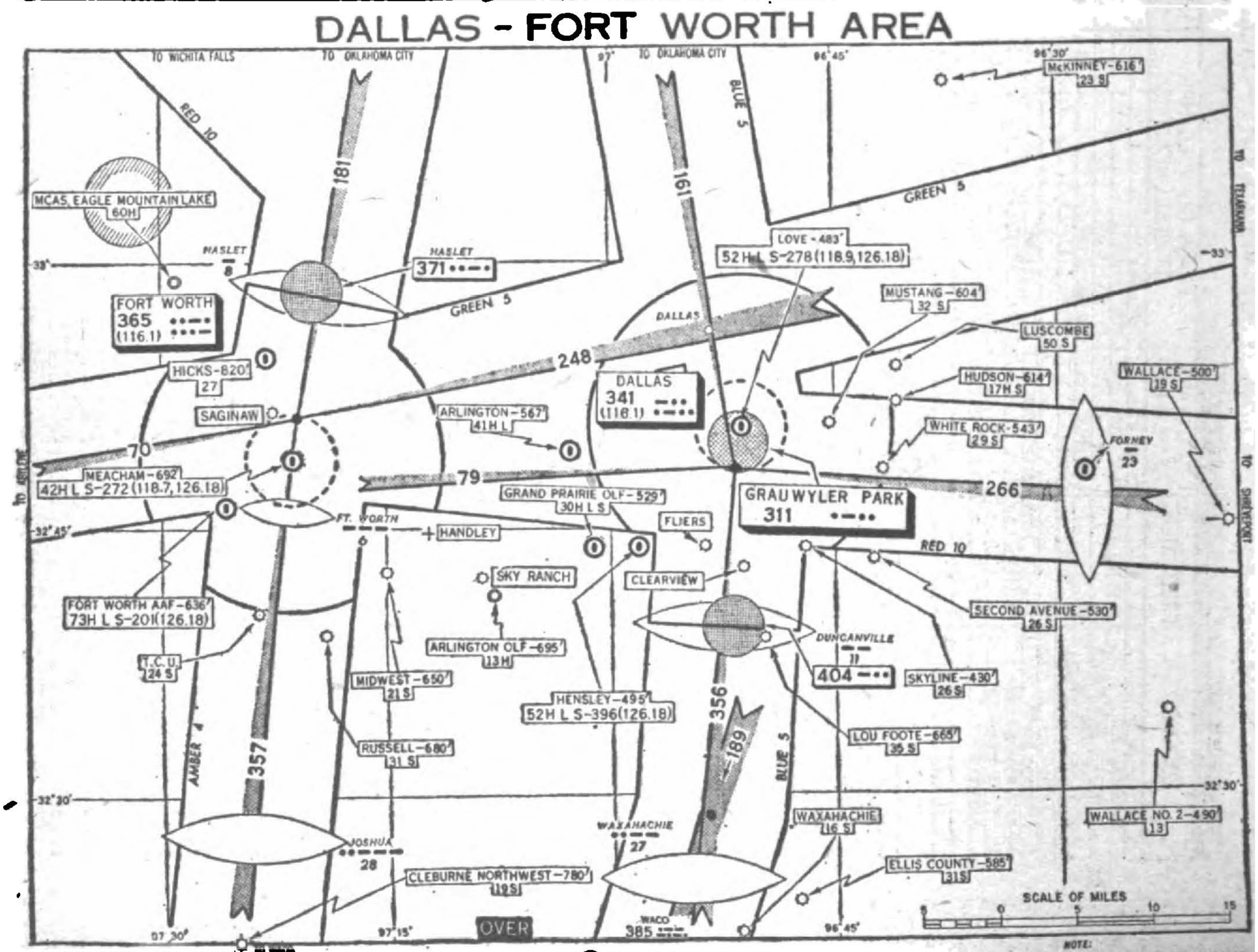
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Arlington-Midway	6.8 NNE;RR S	567	41h L5	Poles S.
(N) " OLP (N)	4 SSW;rd W	695	13h	
Clearview (Dallas)	5.1 SSW;RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
(N) Eagle Mtn Lake MCAS (Newark) (N)	1 SSE;RR NE	745	60h	INACTIVE.
(P) Ellis Co. (Waxahachie)	3.5 NE;RR S	585	31 S2	73 oct.Pole line S.
Pliers (Dallas)	6.2 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
(A) Fort Worth AAF (A)	6.8 WNW;lake N	636	73h R1 L5 S6	73,91,100 oct.JP-1.
(N) Grand Prairie OLP (N)	1 WSW;RR N	529	30h L5 S4	73 oct.No bcn.
Handley	0.6 NE;RR S	630	26 S6	73 oct.
(A,N) Hensley (Dallas)(A)(N)	11 WSW;hwy N	495	52h R1 L5 S4	73,91,100 oct.
Hicks (Fort Worth)	12.5 NNW;lk W	820	27	
Hudson (Dallas)	9.6 NE;RR SE	614	17h S6	80,91 oct.Pole line W.
Lou Foote (Dallas)	8.8 S;hwy E	665	35 S6	73,80,91 oct. Bldgs N,NE.
LOVE (Dallas)	5 NNW;RR SW	483	52h R3 L6 S6	73-100 oct. Poles S.
Luscombe (Garland)	2.2 WSW;RR N	610	50 S5	80 oct.No storage.
McKinney	2.1 S;hwy W	616	23 S2	80 oct.Poles E,W.
(P) MEACHAM (Fort Worth)	5.5 NNW;hwy NE	692	42h R3 L6 S6	73,80,91,100 oct.
Midwest (Fort Worth)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts.Pole line W,S.
Mustang (Dallas)	6 NNE;hwy NE	604	32 S6	80,91 oct.
(N) Russell (Fort Worth)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Second Avenue (Dallas)	7 SE;RR N	530	26 S1	73,80 oct.Use strips.Poles S.
Skyline (Dallas)	3.2 SSE;riv E	430	26 S6	80,91 oct. Trees NW.
T. C. U. (Fort Worth)	6.6 SW;RR S	710	24 S6	80,91 oct.
Wallace (Terrell)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W;hwy N	490	13	
Waxahachie	1.5 SSW;hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Sky Ranch (Arlington,Tex.)	3 SW; RR N	590	25 S2	80 oct.
Saginaw (Tex.)	0.5 WNW;RR E	790	26 S6	80,91 oct.
Kingfish (Hinton,Okla)	3 N; hwy N		19 S1	80 oct. Data Unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA



◉ DESIGNATED RADIO FIX.

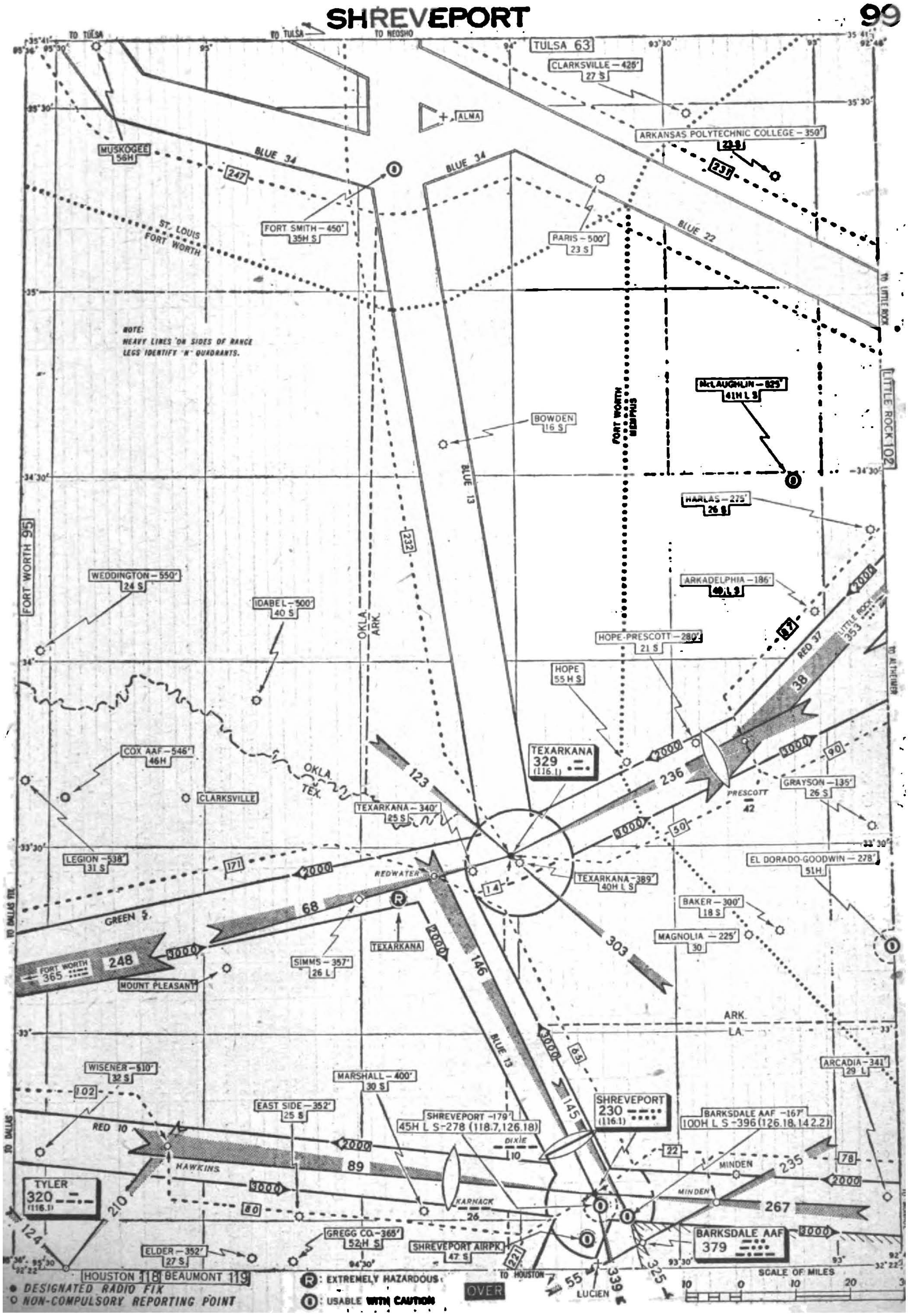
◉ DME-COMPULSORY REPORTING POINT

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

SHREVEPORT


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
ARKANSAS POLYTECHNIC COLLEGE – 350'
MUSKOGEE
56H
BLUE 34
247
BLUE 34
FORT SMITH – 450'
35H S
ST. LOUIS
FORT WORTH
PARIS – 500'
23 S
BLUE 22
231
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "H" QUADRANTS.
BOWDEN
16 S
BLUE 13
FORT WORTH
MEMPHIS
McLAUGHLIN – 825'
41H L S
LITTLE ROCK 102
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
40 S
OKLA.
ARK.
232
ARKADELPHIA – 186'
40 L S
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
RED 37
38
353
TO LITTLE ROCK
COX AAF – 546'
46H
CLARKSVILLE
OKLA.
TEX.
TEXARKANA
329
(116.1)
123
236
PRESCOTT
42
GRAYSON – 135'
26 S
TEXARKANA – 340'
25 S
LEGION – 538'
31 S
171
REDWATER
TEXARKANA – 389'
40H L S
EL DORADO-GOODWIN – 278'
51H
GREEN 5
68
BAKER – 300'
18 S
TO DALLAS
FORT WORTH
365
248
MOUNT PLEASANT
SIMMS – 357'
26 L
TEXARKANA
146
303
MAGNOLIA – 225'
30
ARK.
LA.
BLUE 13
145
WISENER – 510'
32 S
102
MARSHALL – 400'
30 S
ARCADIA – 341'
29 L
EAST SIDE – 352'
25 S
SHREVEPORT – 179'
45H L S-278 (118.7,126.18)
SHREVEPORT
230
(116.1)
BARKSDALE AAF – 167'
100H L S-396 (126.18, 142.2)
RED 10
HAWKINS
89
DIXIE
10
MINDEN
235
78
TYLER
320
(116.1)
210
80
KARNACK
26
267
124
GREGG CO. – 365'
52H S
ELDER – 352'
27 S
SHREVEPORT AIRPK.
47 S
BARKSDALE AAF
379
HOUSTON 118
BEAUMONT 119
TO HOUSTON
55
339
325
LUCIEN
SCALE OF MILES
10 0 10 20
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
OVER

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4); 116.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
Barksdale Field	396(126.18,142.2)	CA(ILS);325°,4.4	(3); 126.18,142.2
DIXIE FM	(- - - -) +	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7.

TEXAS

KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ)(116.1)	BMRLZ-VDT;120°, 6	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Barksdale, La.	110.3	335	323°Mag.	IM- (.07)	MM- (1.00)	OM- (4.39)
					MMK-	OMK-
Barksdale, La.	109.9		143°Mag.	IM- (.25)	MM- ..... (.64)	OM- -- (4.35)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. , Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct.Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct.Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct.Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150 stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR L5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct.Lgts prior req.Use rnwy.
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct.Bldg,twr N.All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR I S	500	23 S1	73 oct.Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake.(Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct.Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct.Trees sur fld.
Northeast Aviation (Bastrop)	2 WSW	90	17 S4	80 oct.No sto. Data unver.
(P) SHREVEPORT	2.5 NNE,riv E.	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct.Pole line SE.

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(P) Muskogee	5.5 S,RR W	610	56h	Hill SW.
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.

TEXAS

Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO FACS
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct.Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct.Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct.Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
★ Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct.Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

RADIO — ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
➔ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5,122 5 (7-23)
BRUINS FM	(- - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-VDT,313°,3.8	(3); 116.1
STUTTGART	269 (DSA)	MRLWZ,173°, 4.7	
LOUISIANA			
MONROE (Selman)	359 (UO)(116.1)	SBMRLZ-VDT,25°,2.8	(4); 116.1
MISSISSIPPI			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD	281 (GD)(116.1)	BMLZ-VDT, 265°,1.9	(4); 116.1
JACKSON	260 (JA)(116.1)	SBRAZ-VDT,173°,2.4	(3); 116.1,122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS)(116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARKANSAS

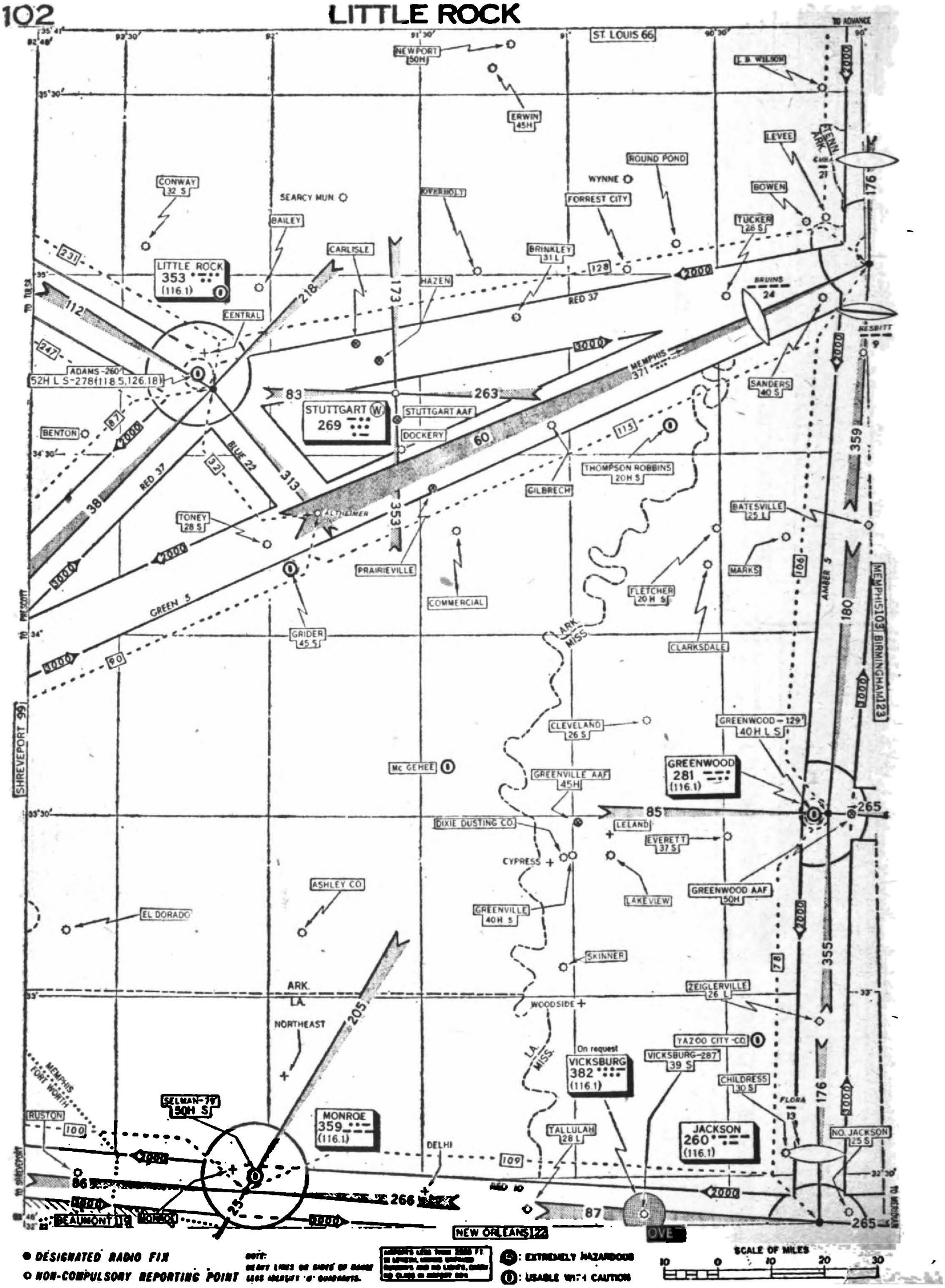
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.;73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1.5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart)(A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W. Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
➔El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart)(A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart)(A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2.8 S,RR E	260	14 S1	80 oct, Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW, RR S	242	20h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). ➔ New or revised data

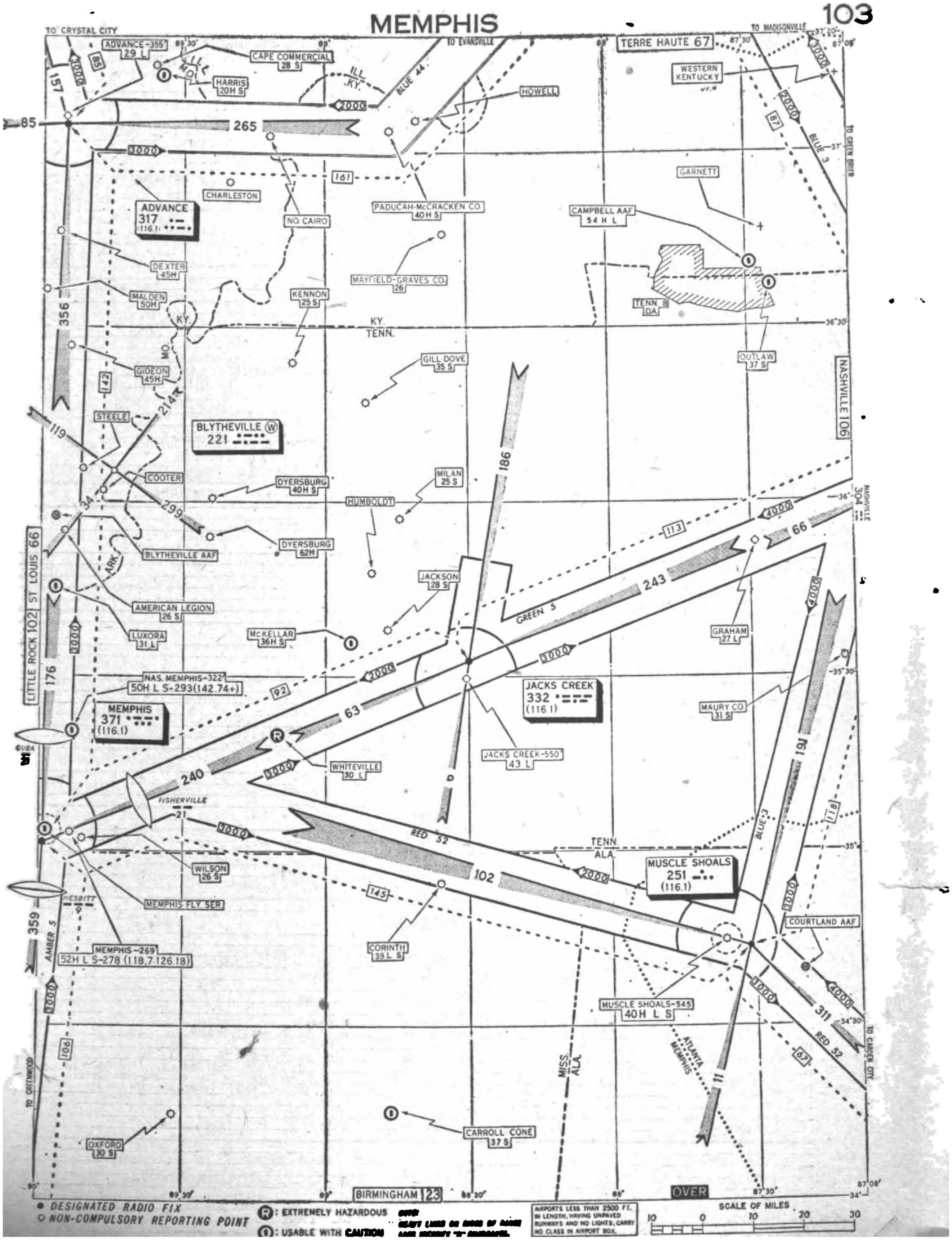
ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
Wright (Monticello)	1 ENE,hwy S	230	15	Pole line S.
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
LOUISIANA				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy hard surface.
(P)SELMAN (Monroe)	4.6 E,RR N	79	50h R1	80,91,100 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S.
[redacted]				
Augustine (Jackson)(NC)	11.5 NE,riv SE	335	40	
★ Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N.
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	73,80 oct.Pole line E,SE.
(A) Greenwood AAF (A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
★ Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
Lee (Canton,Miss.)(NC)	1.4 WNW;RR E	300	38	Tank E.
Monroe Arpk (La)	1.5 N;RR N		26 S6	Pwr line N.
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver.

LITTLE ROCK


TO ADVANCE
ST. LOUIS 66
NEWPORT 50H
ERWIN 45H
J. B. WILSON
LEVEE
BOWEN
TUCKER 26 S
ROUND POND
WYNNE
FORREST CITY
BRINKLEY 31 L
CONWAY 32 S
SEARCY MUN
BAILEY
CARLISLE
OVERHOLT
LITTLE ROCK 353 (116.1)
HAZEN
BRUINS 24
RED 37
CENTRAL
ADAMS-260
52H L S-278(118.5,126.18)
STUTTGART 269
STUTTGART AAF
DOCKERY
SANDERS 40 S
MEMPHIS 371
BENTON
BLUE 22
ALTHEIMER
TONEY 28 S
PRAIRIEVILLE
COMMERCIAL
GILBRECH
THOMPSON ROBBINS 20H S
BATESVILLE 25 L
MARKS
FLETCHER 20H S
CLARKSDALE
GRIDER 45 S
GREEN 5
CLEVELAND 26 S
GREENWOOD – 129
40H L S
GREENWOOD 281 (116.1)
Mc GEHEE
GREENVILLE AAF 45H
DIXIE DUSTING CO.
LELAND
EVERETT 37 S
CYPRESS
LAKEVIEW
GREENWOOD AAF 50H
ASHLEY CO.
EL DORADO
GREENVILLE 40H S
SKINNER
ZEIGLERVILLE 26 L
WOODSIDE
ARK.
LA.
NORTHEAST
YAZOO CITY-CO
VICKSBURG-287 39 S
On request
VICKSBURG 382 (116.1)
CHILDRESS 30 S
FLORA
JACKSON 260 (116.1)
NO. JACKSON 25 S
TALLULAH 28 L
MONROE 359 (116.1)
SELMAN-79 50H S
RUSTON
DELHI
BEAUMONT
NEW ORLEANS
MEMPHIS 103
BIRMINGHAM 123
SHREVEPORT 99
TO TULSA
TO PRESCOTT
TO SHREVEPORT
MEMPHIS FORT WORTH
AMBER 3
ARK. LA. MISS.
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
(E): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

MEMPHIS


TO CRYSTAL CITY
ADVANCE-355°
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
TO EVANSVILLE
TERRE HAUTE 67
TO MADISONVILLE
WESTERN KENTUCKY
HOWELL
BLUE 44
ILL.
KY.
MO.
85
265
157
3000
2000
87
BLUE 3
TO GREEN RIVER
161
CHARLESTON
ADVANCE
317
116.1
NO. CAIRO
PADUCAH-McCRACKEN CO.
40H S
GARNETT
CAMPBELL AAF
54 H L
DEXTER
45H
MAYFIELD-GRAVES CO.
26
MALDEN
50H
KENNON
25 S
TENN. B
DA
KY.
TENN.
356
GIDEON
45H
142
214
GILL-DOVE
35 S
OUTLAW
37 S
NASHVILLE 106
STEELE
BLYTHEVILLE
221
119
COOTER
186
MILAN
25 S
DYERSBURG
40H S
34
299
HUMBOLDT
NASHVILLE
304
113
66
DYERSBURG
62H
BLYTHEVILLE AAF
ARK.
JACKSON
28 S
243
GREEN 5
4000
AMERICAN LEGION
26 S
LUXORA
31 L
McKELLAR
36H S
GRAHAM
27 L
LITTLE ROCK 102
ST LOUIS 66
176
NAS. MEMPHIS-322
50H L S-293(142.74+)
92
JACKS CREEK
332
116.1
MAURY CO
31 S
MEMPHIS
371
116.1
63
JACKS CREEK-550
43 L
WHITEVILLE
30 L
240
FISHERVILLE
21
19J
118
RED 52
TENN.
ALA.
WILSON
26 S
MUSCLE SHOALS
251
116.1
BLUE 3
145
102
MEMPHIS FLY SER
HESBITT
9
359
AMBER 5
COURTLAND AAF
CORINTH
39 L S
MUSCLE SHOALS-545
40H L S
311
34°30'
RED 52
67
TO GARDEN CITY
106
GREENWOOD
MISS.
ALA.
ATLANTA
MEMPHIS
11
OXFORD
30 S
CARROLL CONE
37 S
90°
89°30'
89°
88°30'
88°
87°30'
87°08'
34°
BIRMINGHAM 23
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED; HRS. OF OPER., REMARKS
MUSCLE SHOALS	251 (ED)(116.1)	SBRAZ-VDT, 282°, 4.5	(4); 116.1
ARKANSAS			
BLYTHEVILLE	221 (LY)	RLWZ, 225°, 13.6	
KENTUCKY			
MISSISSIPPI			
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
MISSOURI			
ADVANCE (Int.)	317 (AP)(116.1)	SWSAZ-LTV, 354°, 1.5	(4) ;116.1
TENNESSEE			
COVA FM	(-)	FM, 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM, 60°, 20.5	Memphis
JACKS CREEK (Int.)	332 (JK)(116.1)	BMRLZ-VDT, 186°, 2.62	(4);116.1
MEMPHIS	371 (PS)(116.1)	SBRAZ-VDT,	(3); 116.1,122.1
Memphis Airport	27.4(126.4,141.3,...)+	AC(ILS);356°,2.1	(4); [illegible] 118.7,See Memphis tie to Arman
Memphis NAS	293 (142.74)	CH	3105; 142.74 (6-24)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Memphis, Tenn.	109.5 •---- ...-	333.9	90°Mag.	IM-	MM- •--- (66)	OM- --- (4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Courtland AAF (A)	1.5 SW; RR E	558	50h	CLOSED
Muscle Shoals	1.5 E; dam NW	545	40h R1 L5 S6	80, 91 oct.
ARKANSAS				
American Legion (Blytheville)	1.5 ESE; RR E	260	26 S6	80 oct. Pole line N. W. Black E.
Cooter (Blytheville)	10 NE	260	40h	
★ Luxora Int, 39, NO-LS	1 WNW; hwy S	240	31 L2	
Steele (Blytheville)	12.3 E	258	40h	
(A) Blytheville AAF (A)	3 NW; RR SW	254	50h	CLOSED
ILLINOIS				
North Cairo (Cairo)	3 NNW; RR E	312	24 S4	73 oct.
KENTUCKY				
(A) Campbell AAF (Hopkinsville)(A)	12.8 S; RR E	557	64 L5	
Garnett (Hopkinsville)	6 SSE; hwy W		21 S1	80 oct. Data not verified.
Howell (Paducah)	4 WNW; RR S	371	21 S6	80 oct.
Mayfield-Graves County	3.6 ENE; hwy S	503	26	
PADUCAH-McCRACKEN CO. (Paducah)	8.8 S; RR N	405	40h L1 S6	80, 91 oct. No ato.
Western Kentucky (Greenville)	0.3 NE		21 S2	80 oct. Data unver.
MISSISSIPPI				
(P) Carroll Cone (Tupelo)	3 W; hwy S	338	37 S1	80 oct.
Corinth 7, PS-TM	5 WSW; hwy N	418	39 L1 S4	80,91 oct.
(P) Oxford	8 S; hwy N, W	400	30 S2	73 oct.
MISSOURI				
★ Advance Int, 48, NO-LS	0.8 WSW; RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW; RR S	340	28 S6	80,91 oct. 8° dike S.
Dexter (Malden)	12.5 NNE	315	45h	
Harris (Cape Girardeau)	6.5 SSW; hwy E	340	20h S6	80, 91 oct.
Harvey Parks (Sikeston)(NC)	2 NE; RR S	315	66	Pole line W. Alluvy area.
Malden	3.5 NW; RR E	296	50h	
Gideon (Malden)	1 SE of Gideon	268	45h	
TENNESSEE				
Dyersburg	9 S; RR E	289	62h	
Dyersburg, Mun.	2 SW; riv N	337	40h S4	80 oct. No ato.
Embry Riddle (Union City)	5 ESE; riv NNW	340	18h	Allway: 4620 x 3960'.
(P) Gill-Dove (Martin)	3.5 S; hwy E	416	35 S6	80 oct.
★ Graham Int, 59, DL-LV	1.5 NW; hwy E	536	27 L3	
Humboldt	4.6 ESE; hwy N	380	15 S1	80 oct.
★ Jacks Creek Int, 53, DL-LV	2 N; hwy E	550	43 R1 L3	
Jackson	2.5 ENE; hwy NW	450	28 S6	80 oct.
Kennon (Union City)	3.2 WSW; hwy N	360	25 S6	80 oct. No ato. Pole line N.
(P) McKellar (Jackson)	5.8 W; RR S	410	36h S6	80 oct.
Maury County (Mt. Pleasant)	2.5 ENE; RR SW	672	31 S2	80 oct. Pole line NW.
(A) MEMPHIS	5.9 SSE; RR NE	269	42h R1 L6 S6	73, 91, 100 oct. JP-1. Radio required. Obst W,SE,E NW.
Memphis Flying Service (Memphis)	11 SE; RR S NW	286	35 L4 S6	80,91 oct. Pole line S. No ben. Lgts prior req.
(M) Memphis NAS (M)	16 NNE; RR NW	322	50h R1 L5 S6	91, 100 oct. NATS. Rwy, lgts info not ver.
Milan	2.8 NNE; RR SE	421	25 S5	80, 91 oct.
Outlaw (Clarksville)	7.4 NNW; RR W	550	37 S5	80 oct.
Wilson (Memphis)	11.5 SE; hwy W	320	26 S6	73 oct.
★ Whiteville Int, 49, DL-LV	0.6 NNW; RR E	494	30 L3	
Charleston (Mo.)	1 ESE; RR NW	300	31 S2	80 oct. Poles S.

A-land-based ... B-radio facilities ... C-services (see ...) (M)-Not charted ... NOTE-NO REPORTED DATA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 28	Birmingham
KENTUCKY			
BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)
TENNESSEE			
BERRY FIELD (Nashville)	278(118.3,126.18)	AC (ILS)	(4);126.18.118.3,122.5
CHATTANOOGA	341 (CB)(116.1)	SBRAZ-VDT	(3);116.1
Chattanooga-Lovell Field	278(126.18.118.9)	C, 203°, 3	(4);126.14.118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 28	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 276°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE (Berry)	304 (NA)(116.1)	SBRAZ-DTV, 245°, 2.6	(3);116.1,122.1
SMITHVILLE (Int)	347 (XM)(116.1)	SBMRAZ-VDT, 177°, 1.4	(4):116.1
SMYRNA AAF (Nashville)	219 (126.18)+	CA (ILS)	(3);126.18
WALTERHILL FM	(- -)	FM, 129°, 19.6	Nashville

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BERRY, TENN.	109.9		14° Mag.	IM	MM (.81)	OM (4.17)	
					MMK	OMK	
SMYRNA AAF, TENN.	109.5	335	230° Mag.	IM (.04)	MM ..... (.81)	OM -- (4.31)	
					MMK	OMK	

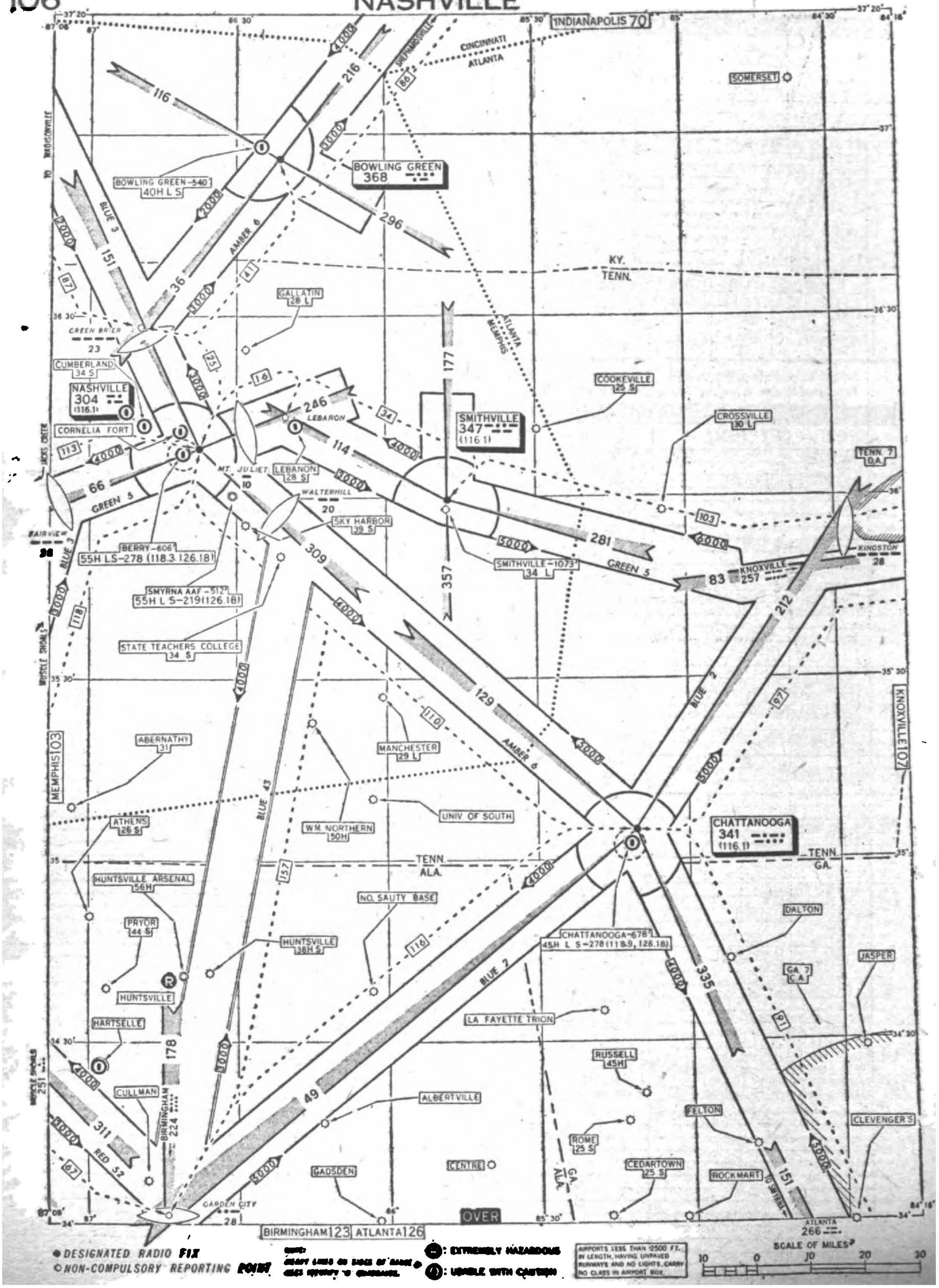
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALABAMA				
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2 NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam (Decatur)(NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80,91 oct.
GEORGIA				
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N,W; hill SW.
Clevenger's Airpark (Marietta)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct
Pelton (Cartersville)	2.5 N	790	23	Hills S,W,N; wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E.
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W.
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(P) Russell (Rome)	7 N;hwy W	644	45h	
KENTUCKY				
(P) Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Somerset	5 N; RR W		20 S2	80 oct. Data not verified.
TENNESSEE				
(P) Abernathy (Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P) BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73,100 oct.
Boyd (McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E;RR E	678	45h R2 L5 S6	80,91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto in emerg. Poles W.
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data not verified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
★ Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
★ Manchester Int,16A,AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct. No storage. Poles NE.
★ Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3	
(A) Smyrna AAF (Nashville)(A)	17 SE;RR SW	512	55h R3 L5 S6	73,91,100 oct. JP-1. No rng.
State Teachers College(Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma) (A)	2 WNW;road S	1081	50h	CLOSED

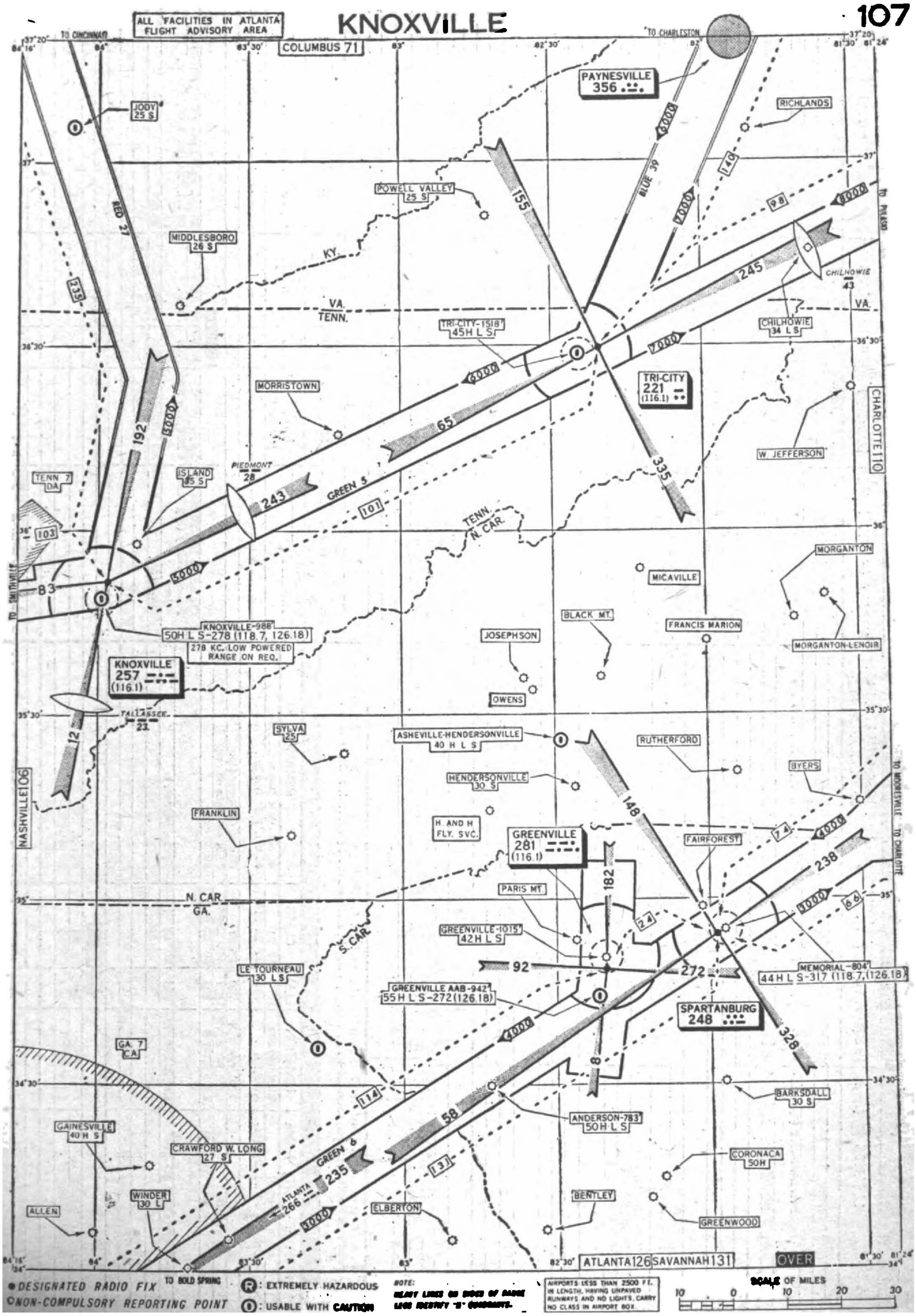
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 70
SOMERSET
CINCINNATI
ATLANTA
SHELBYVILLE
BOWLING GREEN
368
BOWLING GREEN -540
40H L S
KY.
TENN.
GALLATIN
28 L
NASHVILLE
304
(116.1)
CUMBERLAND
34 S
CORNELIA FORT
GREEN BRIER
23
BERRY-606'
55H LS-278 (118.3 126.18)
SMYRNA AAF -512'
55H L S-219(126.18)
STATE TEACHERS COLLEGE
34 S
ABERNATHY
31
ATHENS
26 S
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
HARTSELLE
CULLMAN
MT. JULIET
LEBANON
28 S
WALTERHILL
20
SKY HARBOR
39 S
SMYRNA AAF -512'
55H L S-219(126.18)
MANCHESTER
29 L
W.M. NORTHERN
50H
UNIV. OF SOUTH
NO. SAUTY BASE
SMITHVILLE
347
(116.1)
SMITHVILLE-1073'
34 L
COOKEVILLE
25 S
CROSSVILLE
30 L
KINGSTON
28
KNOXVILLE
257
CHATTANOOGA
341
(116.1)
CHATTANOOGA-678'
45H L S-278 (118.9, 126.18)
DALTON
LA FAYETTE TRION
RUSSELL
45H
ROME
25 S
CEDARTOWN
25 S
ROCKMART
FELTON
CLEVENGER'S
JASPER
ALBERTVILLE
GADSDEN
CENTRE
GARDEN CITY
28
BIRMINGHAM
224
ATLANTA
266
BIRMINGHAM 123
ATLANTA 126
TENN.
ALA.
GA.
TENN.
GA.
GA.
ALA.
MEMPHIS 103
KNOXVILLE 107
OVER
116
216
296
151
36
177
246
114
66
GREEN 5
BLUE 3
AMBER 6
309
357
281
83
212
129
BLUE 2
49
311
RED 52
178
157
BLUE 43
110
91
97
103
34
25
16
113
118
87
67
41
10
20
28
4000
5000
6000
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

KNOXVILLE

ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

TO BOLD SPRING

Ⓡ: EXTREMELY HAZARDOUS
Ⓓ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "E" BOUNDARYS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 2°, 2	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248 (SU)	SBRAZ-DT,58°,1.6	(3)
[redacted]			
KNOXVILLE	257 (RX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (116.1)	C(LS): 192°, 2.8	(4); 118.7, 126.18, 123.5
Knoxville Airport	278	(Low powered range)	(4)(on req)
PIEDMONT FM	(- -)	FM, 68°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-VDT,252°, 3.3	(4), 116.1
VIRGINIA			
CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.
WEST VIRGINIA			
PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Knoxville, Tenn.	110.3 ·-·-	335	40°Mag.	IM-	MM-·-·- 0.6	OM-- - - 4.5
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct. Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	3 S,hwy E	1240	25 S2	80 oct.
Middlesboro	1.2 W,hwy S	1150	26 S4	80 oct.

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct.
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
H&H Flying Service (Brevard)	1.5 ENE:Riv S. RR N	2140	20 S1	80 oct. P-Line WNW
Micaville	1 S; RR W	2500	21	N, S blocked
Owens (Asheville)	2.3 SSW; RR E	1988	25 S6	80,91 oct

SOUTH CAROLINA

Anderson	4.5 WSW,hwy S	783	50h L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts. Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
Coronaca (Greenwood)	3.8 N,RR E	629	50h	
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
(N) GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct. No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(N,P) MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military.
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE. Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct. Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. ➡ NEW OR REVISED DATA

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-VDT, 359°, 1.7	(3); 116.1
DOUGLAS ARPT, (Charlotte)	396(126.18, 118.9)	C	(4); 126.18, 118.9, 122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-VDT	(3); 116.1
→Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4); 118.7, 126.18, 122.5.
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3); 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS); 355°, 2.5	(3); 116.1, 126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-VDT(ILS) 299°, 3.8	(4); 116.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18, 118.3, 122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ; 328°, 5.1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116.1)	SBMRLZ-VDT; 292°, 1.7	(4); 116.1
[redacted]			
DANVILLE	344(VE)(116.1)	MHVT	(4); 116.1
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	317(RO)(116.1)	SBRAZ-VDT, 349°, 2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5, 118.5, 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Pope, N.C	110.3	335	360° Mag.	IM- (.04)	MM- ····· (4.00)	OM- (4.18)
					MMK-	OMK-
Raleigh, N.C.	109.9	333.8	500 Mag.	IM-	MM- ···· (.62)	OM- ·· (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs-Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.50 mcs.

AIRPORTS — NORTH CAROLINA

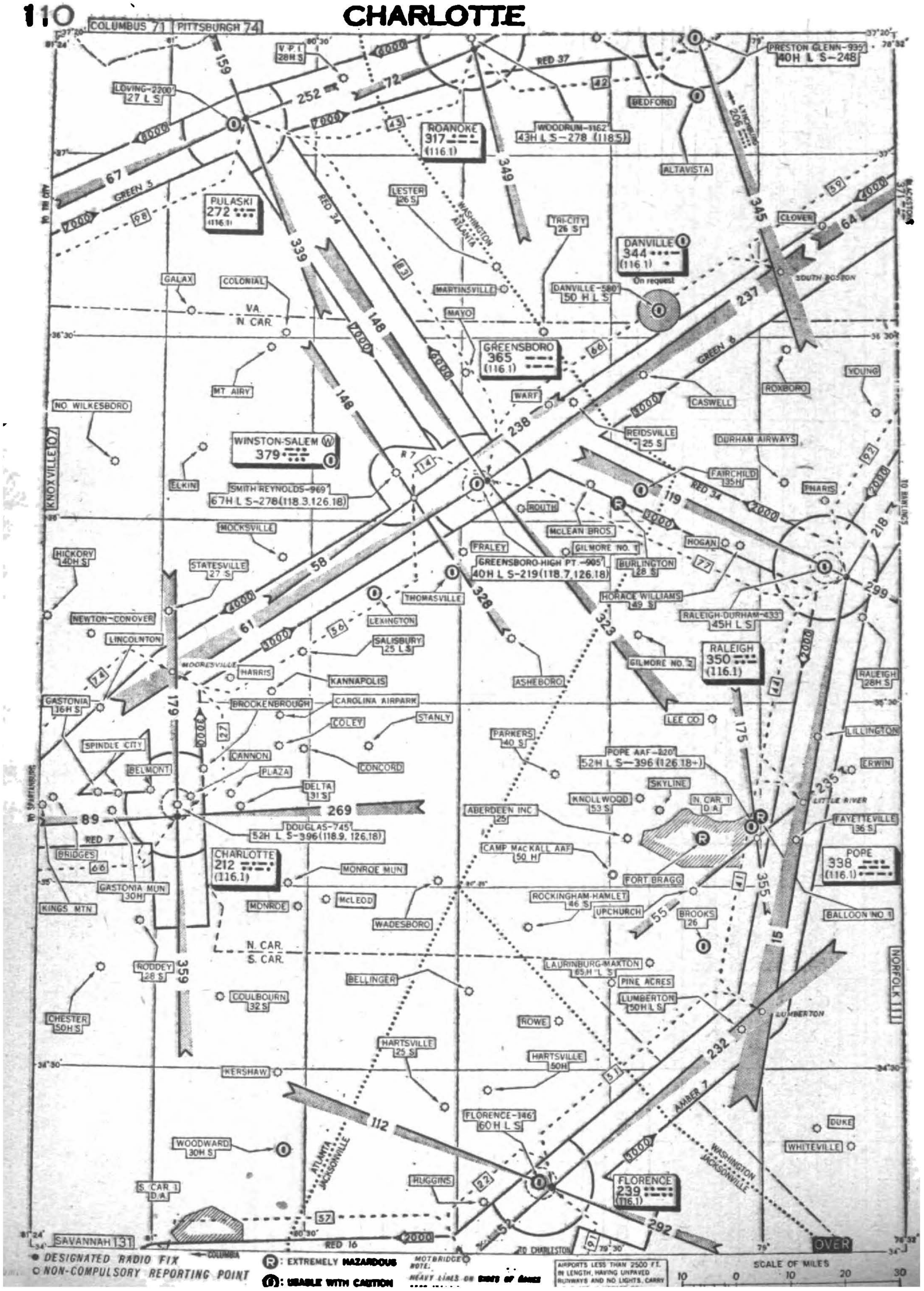
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc®	1.2 W, RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft. Bragg)(A)	1 NNW, RR E	225	22	
Belmont	1.3 NE, riv E	740	20 S6	80 oct. No sto. P-line WNW
Bridges (Kings Mtn.)	1 SW, RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct. Pole line SSE.
Brooks (Red Springs)	1.2 N, RR SE	208	26	
(P)Burlington	4 SW, hwy W	638	28 S6	80 oct. Pole line S.
Burris (Lincolnton)(NC)	2.2 SW, RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) → (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E, RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW, hwy S	788	24 L S6	80, 91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE, RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct. Flare pots prior
Coley (Concord)	2 SW, RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE, RR S	950	15 S1	80 oct. Pole line, trees NNW.
Concord	4.5 ESE, rd E,S	700	19 S2	80 oct. Pole line NE.
Delta Air Base (Charlotte)	6.7 E, hwy S	750	31 S6	80, 91 oct. No sto. Poles NW
(A)DOUGLAS (Charlotte)	5.5 W, RR N	745	52h R2 L5 S6	80, 91 oct; ltd 91 oct Army.
→Durham Airways	7.8 N, RR E	480	15 S4	80 oct.
Elkin	2.8 SW, RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW, riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild-Civil (Burlington)	1.5 E, RR S	640	35h	
Fayetteville	5 N, hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE, RR W	1000	17 S6	80 oct. Strips rough. Trees SE.
Gastonia	1.3 SW	795	16h S4	80 oct. Pwr line SSW.
Gastonia, mun.	4.5 SSE, hwy SW	800	30h L	Port rnwy lgts.
Gilmore No. 1 (Julian)	0.6 SE, RR N	760	10 S1	80 oct.
Gilmore No. 2 (Silver City)	4.1 SE, RR W	550	22	Pwr line SSE.
GREENSBORO-HIGH POINT	8 WNW, RR SW	905	40h R2 L5 S6	80, 91, 100 oct.
Hickory	2.2 W, RR S	1180	40h S6	80, 91 oct.
Hogan (Chapel Hill)	3.8 NW, RR E	530	20 S2	80 oct. Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW, RR W	502	49 S4	80 oct.
Kannapolis	2.8 N, RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW, RR SE	980	23 S2	80, 91 oct.
Knollwood (Pinehurst)	5 NE, hwy W	455	53 L5 S4	80, 91 oct.
→Laurinburg-Maxton (Maxton)	3.5 NNW	220	65h L5 S6	80, 91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE, RR E	400	19 S4	80 oct. No sto. Pwr line sur fld.
Lexington	2.3 SW, RR E	735	21 S1	80 oct. Pole lines SSW.
Lillington	1.1 NNE, RR S	210	15 S2	80 oct. Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80, 91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW, hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W, riv E	900	24 S1	80 oct.
Mocksville	2 W, RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW, hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW, RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW, riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW, RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE, RR E	310	26 S4	80, 91 oct. Pole line, trees NE, WNW.
Pine Acres (Laurinburg)	3.1 SW, RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE, RR N	740	20 S6	80 oct.
(A)Pope (Ft. Bragg)(A)	2 NW, riv NW	220	52h R3 L5 S6	73, 100 oct
Raleigh	3.3 SSW, RR W	364	28h S6	80, 91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW, RR W	433	45h R3 L6 S4	80, 91, 100 oct. No twr.
Reidsville	3.2 SE, riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S, RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S, RR E	840	18 S4	80 oct. Trees NE, W. Hwy
Roxboro	7 NE, RR W	600	24 S2	80 oct. E.
Salisbury	3 SW, RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE, RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE, RR W	969	67h R2 L5 S6	80, 91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E, RR N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW, hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W, riv W	560	26 S2	80 oct.
Upchurch (Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80, 91 oct. RR S
Warf (Reidsville)	3.8 SW, hwy W	820	23 S2	80 oct. Trees N, S.
Whiteville	3.7 S, RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW, RR NW	475	18 S1	Ltd 80 oct.

AIRPORTS — SOUTH CAROLINA

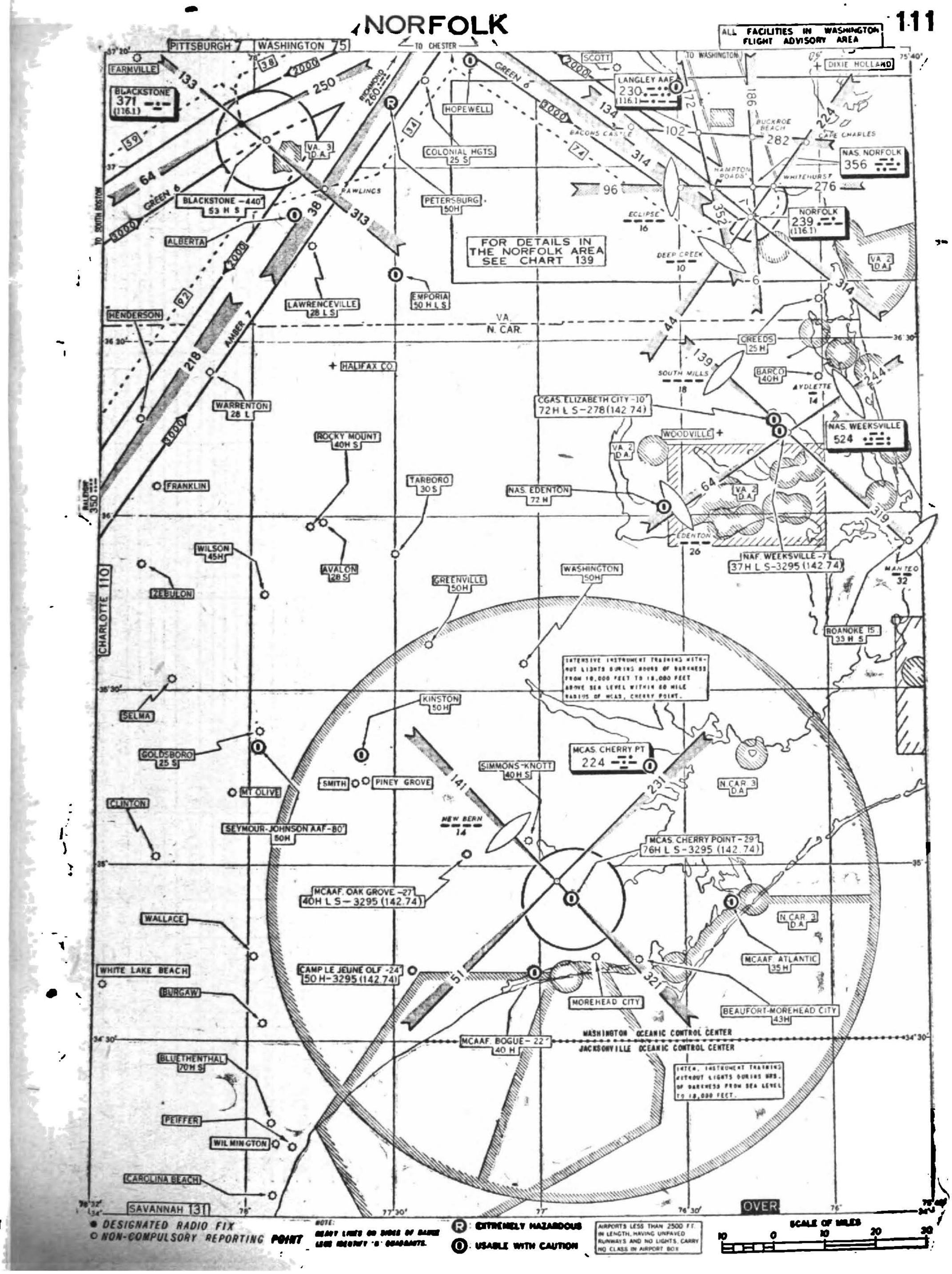
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE, RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW, hwy SW	560	32 S4	80 oct.
Florence	3.5 E, RR SW	146	60h R1 L5 S1	80, 91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N, hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S, RR W	475	21	
Little Rock (NC)	2.5 SE, hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct. No sto. Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW, RR NW	664	28 S4	80, 91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80, 91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE, hwy E	300	30h S4	80 oct.
[redacted]				
Altavista	6.1 NE, RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E, W, SE, NW. House E, SE.
(P)Danville	3.4 ESE	580	50h R1 L5 S6	80, 91 oct.
Galax	6.5 S, hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N, RR SE	2200	27 R1 L3 S4	80 oct. Poles SW. No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE, RR W	2100	28h L1 S6	73, 80 oct. Strip rough.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80, 91, 100 oct. Rd W.
Duke Fld (Chadbourn) (N.C)	1 N; RR SW	96	20 S4	80 oct.
Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 71
PITTSBURGH 74
V.P.I 28H S
LOVING-2200'
27 L S
ROANOKE
317
(116.1)
WOODRUM-1162'
43H L S-278 (1185)
BEDFORD
PRESTON GLENN-935'
40H L S-248
ALTAVISTA
LYNCHBURG
206
PULASKI
272
(116.1)
LESTER
26 S
WASHINGTON
ATLANTA
YRI-CITY
26 S
DANVILLE
344
(116.1)
On request
CLOVER
SOUTH BOSTON
GALAX
COLONIAL
VA.
N CAR.
MARTINSVILLE
DANVILLE-580'
50 H L S
MAYO
GREENSBORO
365
(116.1)
MT AIRY
NO. WILKESBORO
WINSTON-SALEM
379
CASWELL
ROXBORO
YOUNG
WART
REIDSVILLE
25 S
DURHAM AIRWAYS
ELKIN
SMITH REYNOLDS-969'
67H L S-278(118.3,126.18)
FAIRCHILD
135H
PHARIS
ROUTH
McLEAN BROS.
GILMORE NO. 1
HOGAN
MOCKSVILLE
FRALEY
GREENSBORO-HIGH PT.-905'
40H L S-219(118.7,126.18)
BURLINGTON
28 S
HICKORY
40H S
STATESVILLE
27 S
THOMASVILLE
HORACE WILLIAMS
49 S
RALEIGH-DURHAM-433'
45H L S
NEWTON-CONOVER
LINCOLNTON
LEXINGTON
SALISBURY
25 L S
GILMORE NO. 2
RALEIGH
350
(116.1)
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
RALEIGH
28H S
GASTONIA
16H S
BROOKENBROUGH
CAROLINA AIRPARK
LEE CO.
COLEY
STANLY
PARKERS
40 S
LILLINGTON
SPINDLE CITY
CANNON
CONCORD
POPE AAF-220'
52H L S-396 (126.18+)
ERWIN
BELMONT
PLAZA
SKYLINE
DELTA
31 S
KNOLLWOOD
53 S
N. CAR. 1
D.A.
ABERDEEN INC.
25
FAYETTEVILLE
36 S
DOUGLAS-745'
52H L S-396(118.9, 126.18)
CAMP MACKALL AAF
50 H
POPE
338
(116.1)
CHARLOTTE
212
(116.1)
MONROE MUN
FORT BRAGG
BRIDGES
GASTONIA MUN
30H
ROCKINGHAM-HAMLET
46 S
UPCHURCH
BROOKS
26
BALLOON NO. 1
KINGS MTN
MONROE
McLEOD
WADESBORO
N. CAR.
S. CAR.
LAURINBURG-MAXTON
65H L S
RODDEY
28 S
BELLINGER
PINE ACRES
COULBOURN
32 S
LUMBERTON
50H L S
CHESTER
50H S
ROWE
HARTSVILLE
25 S
HARTSVILLE
50H
KERSHAW
FLORENCE-1467'
60 H L S
WOODWARD
30H S
ATLANTA
JACKSONVILLE
DUKE
WHITEVILLE
HUGGINS
S. CAR. 1
D.A.
FLORENCE
239
(116.1)
WASHINGTON
JACKSONVILLE
SAVANNAH 131
RED 16
TO CHARLESTON
MOTBRIDGE
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE:
HEAVY LINES ON EDGE OF CHART
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY
SCALE OF MILES
10 0 10 20 30

NORFOLK


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
TO CHESTER
PITTSBURGH
WASHINGTON 75
TO WASHINGTON
TO SOUTH BOSTON
FARMVILLE
BLACKSTONE 371 (116.1)
BLACKSTONE -440' 53 H S
ALBERTA
HENDERSON
WARRENTON 28 L
FRANKLIN
WILSON 45H
ZEBULON
SELMA
GOLDSBORO 25 S
MT OLIVE
CLINTON
SEYMOUR-JOHNSON AAF-80' 50H
WALLACE
WHITE LAKE BEACH
BURGAW
BLUETHENTHAL 70H S
PEIFFER
WILMINGTON
CAROLINA BEACH
SAVANNAH 131
CHARLOTTE 110
RALEIGH 350
VA. 3 D A
RICHMOND 260
RAWLINGS
HOPEWELL
COLONIAL HGTS. 25 S
PETERSBURG 50H
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
VA. N. CAR.
HALIFAX CO
ROCKY MOUNT 40H S
TARBORO 30 S
AVALON 28 S
GREENVILLE 50H
KINSTON 50H
GOLDSBORO 25 S
SMITH
PINEY GROVE
MT OLIVE
CLINTON
SEYMOUR-JOHNSON AAF-80' 50H
WASHINGTON 50H
SIMMONS-KNOTT 40H S
NEW BERN 14
MCAAF. OAK GROVE -27' 40H L S-3295 (142.74)
CAMP LEJEUNE OLF -24' 50 H-3295 (142.74)
MCAAF. BOGUE-22' 40 H
BLUETHENTHAL 70H S
PEIFFER
WILMINGTON
CAROLINA BEACH
SAVANNAH 131
SCOTT
LANGLEY AAF 230 (116.1)
GREEN 6
BACONS CASTLE
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
ECLIPSE 16
DEEP CREEK 10
DIXIE HOLLAND
BUCKROE BEACH
CAPE CHARLES
NAS. NORFOLK 356
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
VA. 2 D A
CREEDS 25 H
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS ELIZABETH CITY -10' 72 H L S-278 (142.74)
WOODVILLE
NAS. WEEKSVILLE 524
NAS. EDENTON 72 H
EDENTON 26
NAF. WEEKSVILLE -7' 37 H L S-3295 (142.74)
MANTEO 32
ROANOKE IS 33 H S
MCAS. CHERRY PT 224
N. CAR. 3 D A
MCAS. CHERRY POINT-29' 76H L S-3295 (142.74)
MCAAF. ATLANTIC 35 H
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "S" BOUNDARYS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
CAMP LE JEUNE OLF (New River)	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Polloksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524 (NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
MANTEO FM (Navy)	(- -)	FM, 139°, 32	Weeksville NAF
[illegible]			
BLACKSTONE (AAF)	371 (KT)(116.1)	BMLZ-VDT, 133°, 5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
LANGLEY FIELD (Army)	230 (DLY)(116.1)	SBMRAPZ-VDT 102°, 35	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-VDT, 44°, 3.4	(3); 116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°, 2.9	

S-Simul. Range and Voice, W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req. (Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	INACTIVE.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct. (N)
Clinton	2 N, hwy W	160	24 S6	80 oct. Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	1.8 NNW	25	50h	
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct. Data not verified.
→ Henderson	3 S,RR 1.5 W	490	23 S6	80,91 oct. No sto. Pole lines S. Rnwy data not verified
Jacksonville (NC)	3.7 NE,RR SE	51	14	
(N) Kinston (N)	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct. Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct. (N)
(P) Wilson	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct. No sto. Pole line S, SW. Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW,rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
Morehead City	5WNW;RR N	15	23 S4	80 oct. No sto
Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct
Smith Fld (Kinston)	3.7 SW; riv N,W	40	26 S4	80 oct. P-line ENE
White Lake Beach	0.2 NW; lake S	75	18 S4	80 oct No sto. (White Lake)
Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct. N & E blocked

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW. Rnwy lgts on req.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5 S4	80,91 oct. ARMY TMP INACT;CIVIL FACS.
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC)
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct. Trees sur fld.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)
Dixie Holland (Cape Charles)	1.5 ENE;hwy S		22 S1	80 oct. Unverified.
Farmville	2.5 NW,riv N	325	20 S6	80 oct. Hill W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALICE	224(EZ)	SRAWZ. 72°, 3.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRAZ-VDT, 157°, 2.3	(3);116.1
CHAPTER MAUS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
CLIFF MAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.18,122.5(7-23)
CORPUS CHRISTI (Cliff Maus Field)	382(CR)(116.1)	SBMRLZ-VDT, 138°, 2.9	(3);116.1
Corpus Christi (Navy)	248 (NGP)	MLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN(GCA;350°, 3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
CUDDIHY MAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.1+, 118.7)	C(ILS)	(4);118.7,126.18,122.5 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-VDT, 137°, 3.1	(4);116.1
LOS FRESNOS FM	(-)	FM, 338°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 282°, 29.5	Brownsville
PALACIOS	350(UX)	MLWZ. 114°, 1.6	
PLEASANTON FM	(- - -)	FM, 174°, 44.2	San Antonio
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
INTERNATIONAL, TEXAS	110.3 ·--·	335	170° Mag.	IM	MM ·--· (.66)	OM	- - (4.34)
					BMK	OMK	

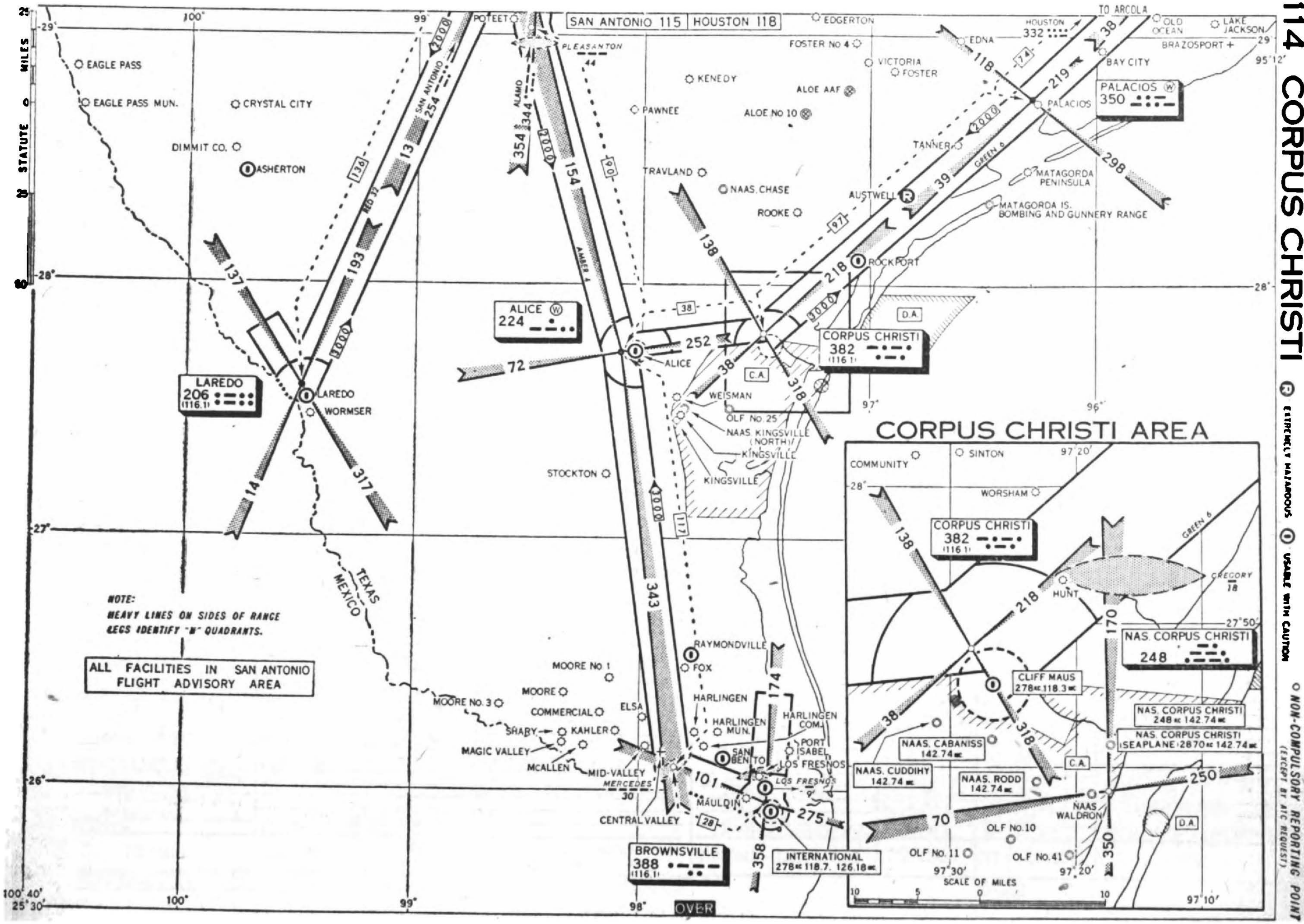
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

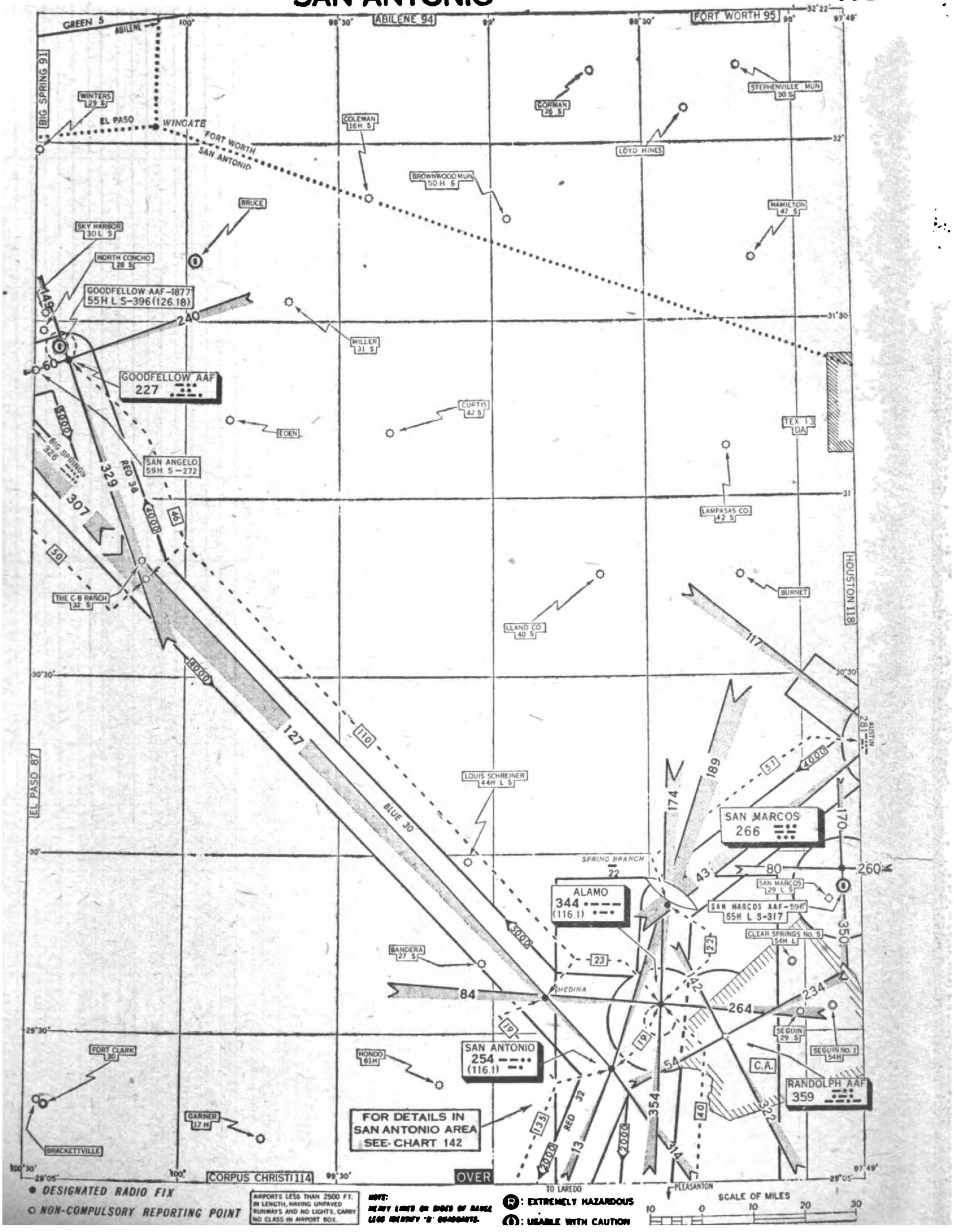
AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	48h L5 S6	80,91 oct.
(A) Aloe AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct. Poles N;trees sur fld.
★ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto,Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h R1	INACTIVE.
Chunadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
(N) CLIFF MAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.NATS,NAPC.
(N) " OLF #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLF #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
(N) Cuddihy NAAS (Corpus Christi)(N)	7.8 SW;crk S	39	50h R1	INACTIVE
Central Valley(Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unverified.
Dimmit Co.(Carrizo Sprgs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strps.
Eagle Pass	10 N;RR N	878	59h	
" mun.	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (NC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen	5 NW;RR SW	40	13	Pole line S.
" mun.	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct.ARPT OF ENTRY.
Kahler (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int,11,JI-PV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Laja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W,S.
LAREDO	3.5 NE;hwy NNE	512	66h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner.TMP INACT NO PACS.
★ Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
Moore (Mission)	12 N;RR E	219	50h	
" #1 (Mission)	10 N Edinburg	80	40h	
" #3 (Mission)	5 N LaGrulla	300	30h	
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-PV	5 WNW;RR W	368	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
★ Raymondville Int,5,JI-PV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr NW.
San Benito,2,JI-PV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Shary (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
Stockton (Palfurrias)	2 NW;RR E	100	27 S1	80 oct.Lake SW.
Tanner Sea & Land Plane Base (Port Lavaca)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld.
Travland (Beeville)	2 NW;RR E	225	19 S2	80 oct.Poles E.
Victoria	5.5 N;hwy SW	107	25 S6	80 oct.
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	
Worsham (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.
Port Isabel	10 NW	12	48h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ USABLE WITH CAUTION
EXTREMELY HAZARDOUS

SAN ANTONIO


GREEN 5
ABILENE
ABILENE 94
FORT WORTH 95
BIG SPRING 91
WINTERS 29 S
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
COLEMAN 16H S
GORMAN 26 S
STEPHENVILLE MUN 30 S
LOYD HINES
BROWNWOOD MUN 50 H S
HAMILTON 47 S
BRUCE
SKY HARBOR 30 L S
NORTH CONCHO 28 S
GOODFELLOW AAF–1877
55H L S–396 (126.18)
GOODFELLOW AAF
227
MILLER 31 S
CURTIS 42 S
EDEN
TEX 13 DA
LAMPASAS CO. 42 S
SAN ANGELO
59H S–272
BIG SPRINGS 326
RED 38
THE C-B RANCH 32 S
LLANO CO 40 S
BURNET
HOUSTON 118
EL PASO 87
LOUIS SCHREINER 44H L S
BLUE 30
SPRING BRANCH
SAN MARCOS
266
ALAMO
344
(116.1)
SAN MARCOS 29 L S
SAN MARCOS AAF–596'
65H L S-317
CLEAR SPRINGS No. 5
54H L
BANDERA 27 S
MEDINA
SEGUIN 29 S
SEGUIN NO. 1
54H
SAN ANTONIO
254
(116.1)
C.A.
RANDOLPH AAF
359
FORT CLARK 30
HONDO 61H
GARNER 17 H
BRACKETTVILLE
FOR DETAILS IN SAN ANTONIO AREA SEE-CHART 142
CORPUS CHRISTI 114
OVER
TO LAREDO
PLEASANTON
AUSTIN
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
NOTE:
HEAVY LINES ON SIDES OF RADIAL LEGS INDICATE "R" QUADRANTS.
R: EXTREMELY HAZARDOUS
(R): USABLE WITH CAUTION

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT.	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°,1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
→ Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger)	4.5 SSW;RR NW	1731	23h	Allway: 7497 x 5280'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
Hondo	2.1 NW;RR S	929	61h	
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, Π-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 226°, 15	Houston
AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 2	(3); 116.1
BERGSTROM FIELD (Austin)	396(126.18)+	CA	(4); 126.18
HOUSTON	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
→ Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4):118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
→ NAVASOTA(Int.)	212(NT)(116.1)	BMRL-DTV	(4):116.1
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
WACO (Mun.)	385(WC)(116.1)	SBRAZ-DTV;9°,2.6	(4); 116.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

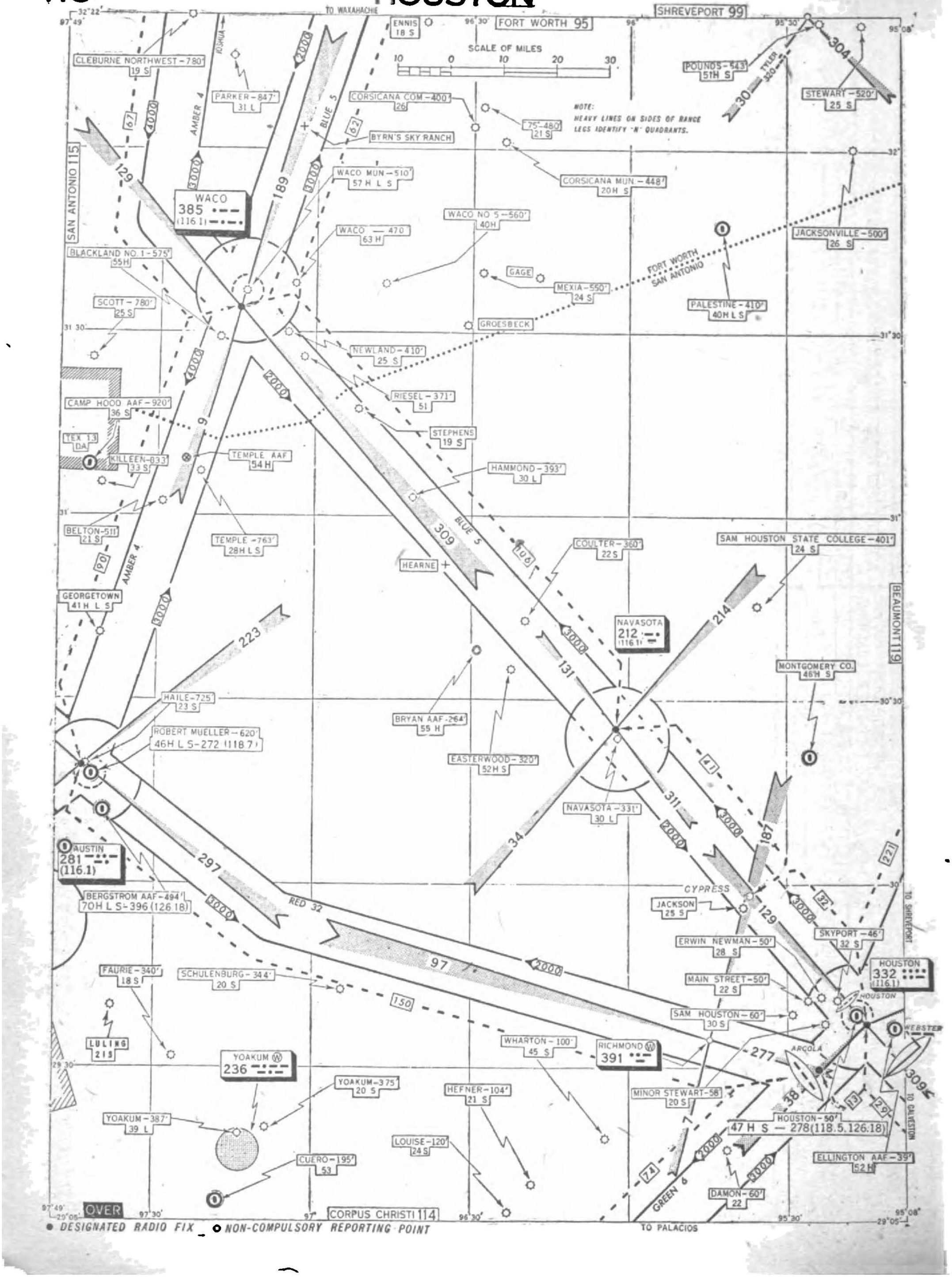
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

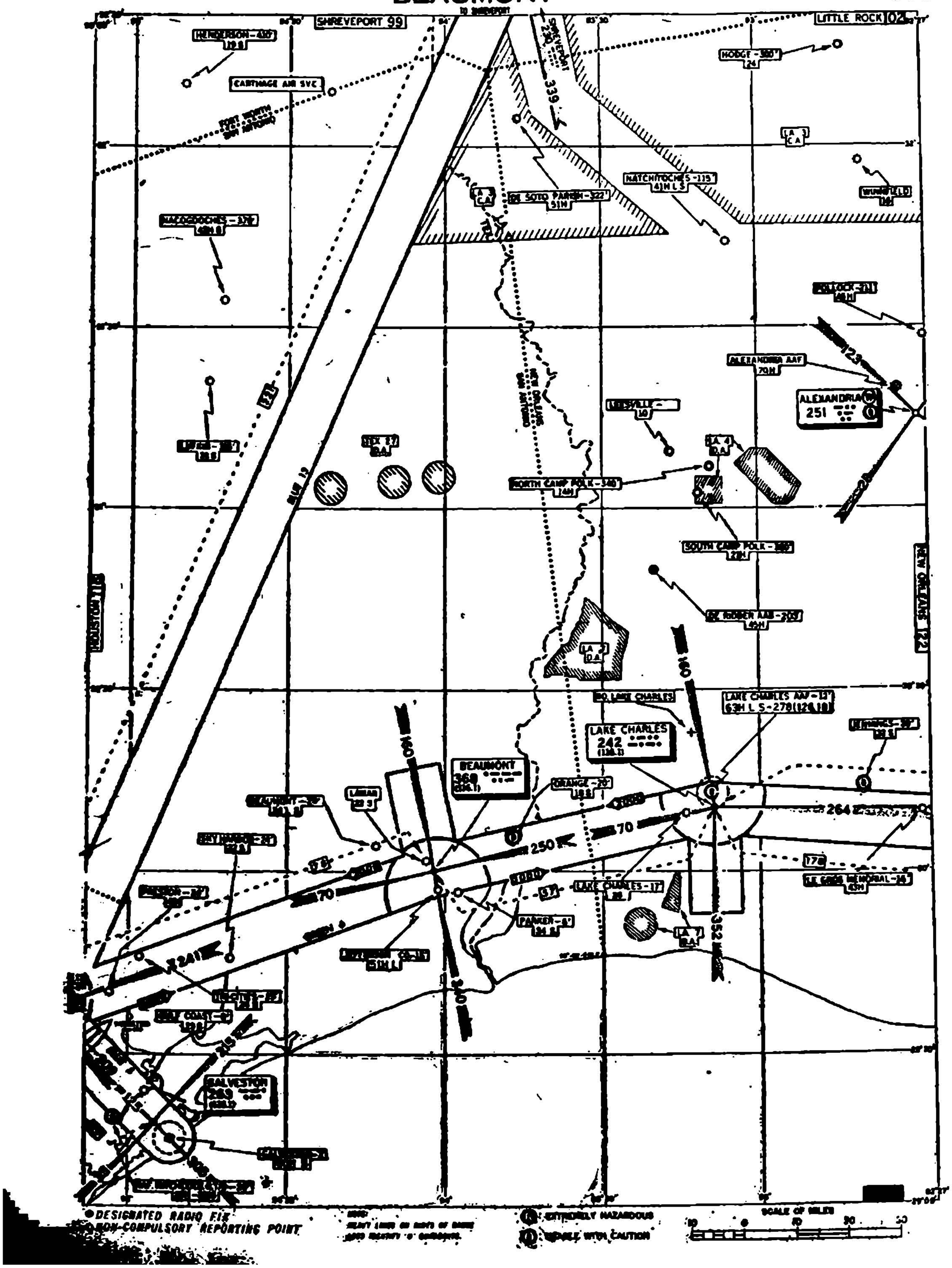
AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE, NW.
Blackland #1 (Waco)	11 WSW;RR S	575	55h	
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36 S1	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
→ Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence SW.
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College) Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington(Houston)(A)	15 SE;RR W	39	52h	TMP INACT.NO FACS.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman(Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data unver.
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct.
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
HOUSTON	9 SSE;hwy W	50	47h R2 L5 S6	73,80,91,100 oct.
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 R1 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct.100 oct gov't contract.
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
(A) Temple AAF (A)	5.5 NW;rd SW	675	54h	CLOSED
Temple,40,JI-FV	2 NNW;hwy SW	763	28h L3 S4	73,80 oct.
Waco	7 NNE;bet RRs	470	63h	
WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S4	80,91,100 oct.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA


TO WAXAHACHIE
SHREVEPORT 99
FORT WORTH 95
SCALE OF MILES
10 0 10 20 30
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
ENNIS 18 S
CLEBURNE NORTHWEST – 780' 19 S
PARKER – 847' 31 L
CORSICANA COM – 400' 26
75' – 480' 21 S
BYRN'S SKY RANCH
POUNDS – 543' 51H S
STEWART – 520' 25 S
JACKSONVILLE – 500' 26 S
WACO MUN – 510' 57 H L S
CORSICANA MUN. – 448' 20H S
WACO 385 (116.1)
WACO NO 5 – 560' 40H
WACO – 470 63 H
BLACKLAND NO. 1 – 575' 55H
GAGE
MEXIA – 550' 24 S
FORT WORTH SAN ANTONIO
PALESTINE – 410' 40H L S
SCOTT – 780' 25 S
GROESBECK
NEWLAND – 410' 25 S
CAMP HOOD AAF – 920' 36 S
RIESEL – 371' 51
STEPHENS 19 S
TEX 13 DA
KILLEEN – 833' 33 S
TEMPLE AAF 54 H
HAMMOND – 393' 30 L
BELTON – 511' 21 S
TEMPLE – 763' 28H L S
HEARNE
COULTER – 360' 22 S
SAN HOUSTON STATE COLLEGE – 401' 24 S
GEORGETOWN 41 H L S
NAVASOTA 212 (116.1)
HAILE – 725' 23 S
BRYAN AAF – 264' 55 H
MONTGOMERY CO. 46H S
ROBERT MUELLER – 620' 46H L S – 272 (118.7)
EASTERWOOD – 320' 52H S
NAVASOTA – 331' 30 L
AUSTIN 281 (116.1)
BERGSTROM AAF – 494' 70H L S – 396 (126.18)
JACKSON 25 S
ERWIN NEWMAN – 50' 28 S
SKYPORT – 46' 32 S
HOUSTON 332 (116.1)
MAIN STREET – 50' 22 S
SAM HOUSTON – 60' 30 S
FAURIE – 340' 18 S
SCHULENBURG – 344' 20 S
LULING 215
YOAKUM 236
WHARTON – 100' 45 S
RICHMOND 391
MINOR STEWART – 58' 20 S
YOAKUM – 375' 20 S
HEFNER – 104' 21 S
YOAKUM – 387' 39 L
HOUSTON – 50' 47 H S – 278 (118.5, 126.18)
LOUISE – 120' 24 S
CUERO – 195' 53
ELLINGTON AAF – 39' 52 H
DAMON – 60' 22
CORPUS CHRISTI 114
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
TO PALACIOS
TO SHREVEPORT
TO GALVESTON
SAN ANTONIO 115
BEAUMONT 119
FORT WORTH SAN ANTONIO
CYPRESS
ARCOLA
WEBSTER
HOUSTON
GREEN 6
AMBER 4
BLUE 5
97° 49'
95° 08'
32°
31° 30'
31°
30° 30'
30°
29° 30'
29° 05'
97° 30'
97°
96° 30'
95° 30'

BEAUMONT


SHREVEPORT 99
LITTLE ROCK 02
HENDERSON - 410'
CARTHAGE AIR SVC
HODGE - 350'
24
339
NATCHITOCHES - 119'
41H L S
DE SOTO PARISH - 322'
51H
NACOGDOCHES - 378'
ALEXANDRIA AAF
70H
ALEXANDRIA
251
NORTH CAMP POLK - 340'
14H
SOUTH CAMP POLK - 330'
22H
123
HOUSTON 115
NEW ORLEANS 122
LAKE CHARLES
242
LAKE CHARLES AAF - 13'
63H L S-279(12R,18)
BEAUMONT
368
264
70
250
241
160
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
HAZARDOUS WITH CAUTION
SCALE OF MILES
10
20
30

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	368(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	263(GS)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; 2-VHF Range Station Location Marker; (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ALEXANDRIA AAF (A)	5.5 W;riv 2 N	88	70h	CLOSED
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(A) De Ridder AAB (A)	3.5 WSW;RR S	203	45h	CLOSED.
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A,N) LAKE CHARLES AAF (A)	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. JP-1. No sto.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Nacogdoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
Winnfield	3 NW;hwy E	200	16	Trees N.
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N, S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nachitoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston)(A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARATARIA FM	(- -)	FM, 171°, 20	New Orleans
BATON ROUGE (Harding)	347 (RX)	MRLWZ,128°,3.4	
LAFAYETTE	227(UG)(116.1)	MHTV	(4); 116.1
LA PLACE FM	(- - -)	FM, 271°, 16.8	New Orleans
MADISONVILLE FM	(- - - -)	FM, 353°, 32	New Orleans
MOISANT AIRPORT (New Orleans)	278(118.3,126.18)	C (ILS)	(4); 131.9,118.3,126.18
NEW ORLEANS (Moisant)	338(NO)(116.1)	SBRAZ-DTV,271°, 3	(3); 116.1
New Orleans Airport	382 (126.18)	CA	(4); 126.18
New Orleans NAS	323(142.74)	CN	(3);142.74 (8-sunset)
NEW ORLEANS FM	(-)	FM, 63°, 11	New Orleans
MISSISSIPPI			
FLORENCE FM	(- - -)	FM, 173°, 14.6	Jackson
JACKSON AIRPORT	278(126.18,118.7)	C	(4);126.18,118.7,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Moisant, La.	109.9	333.8	100° Mag.	IM- ····· (.04)	MM-	OM- -- (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

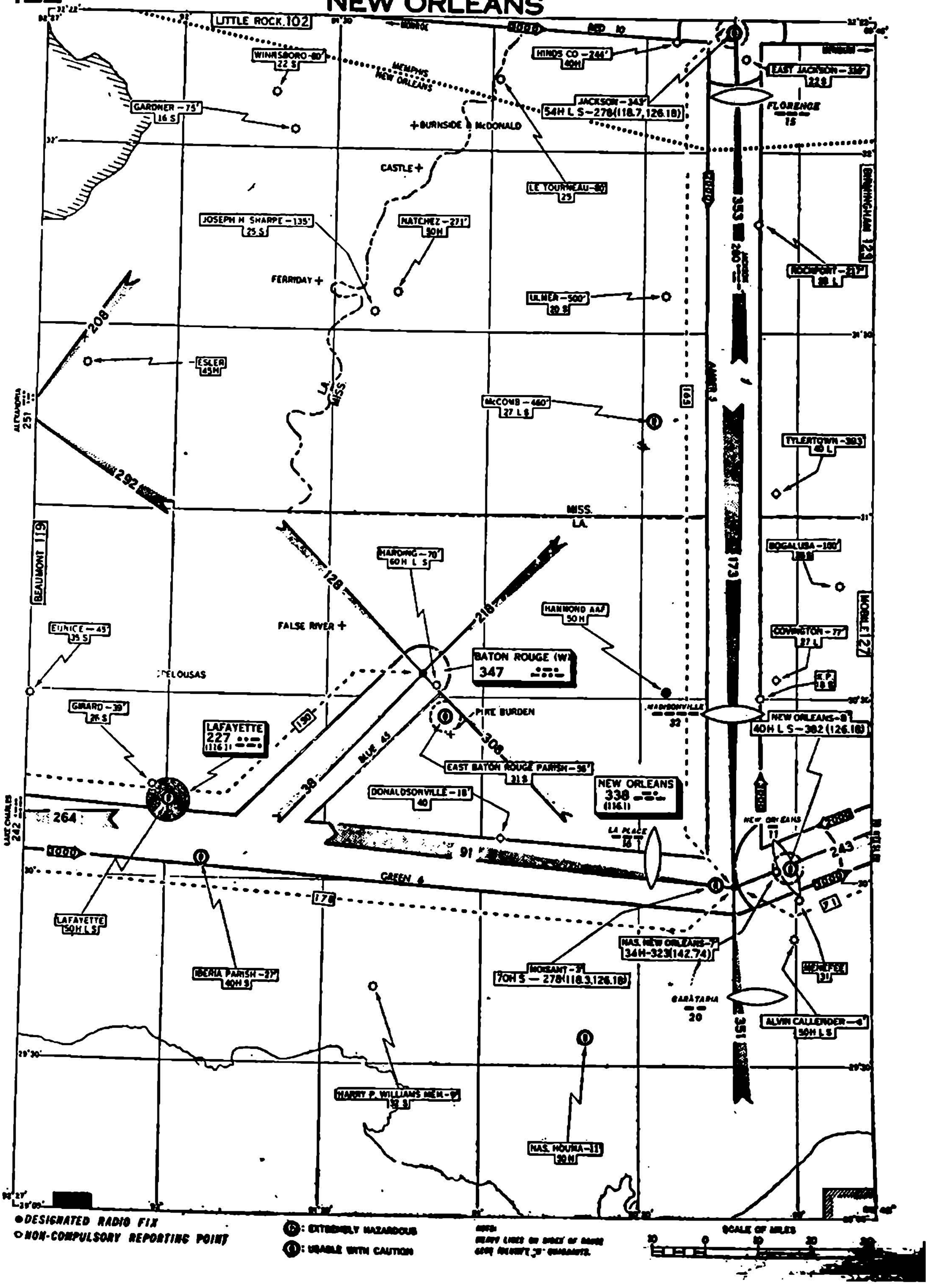
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

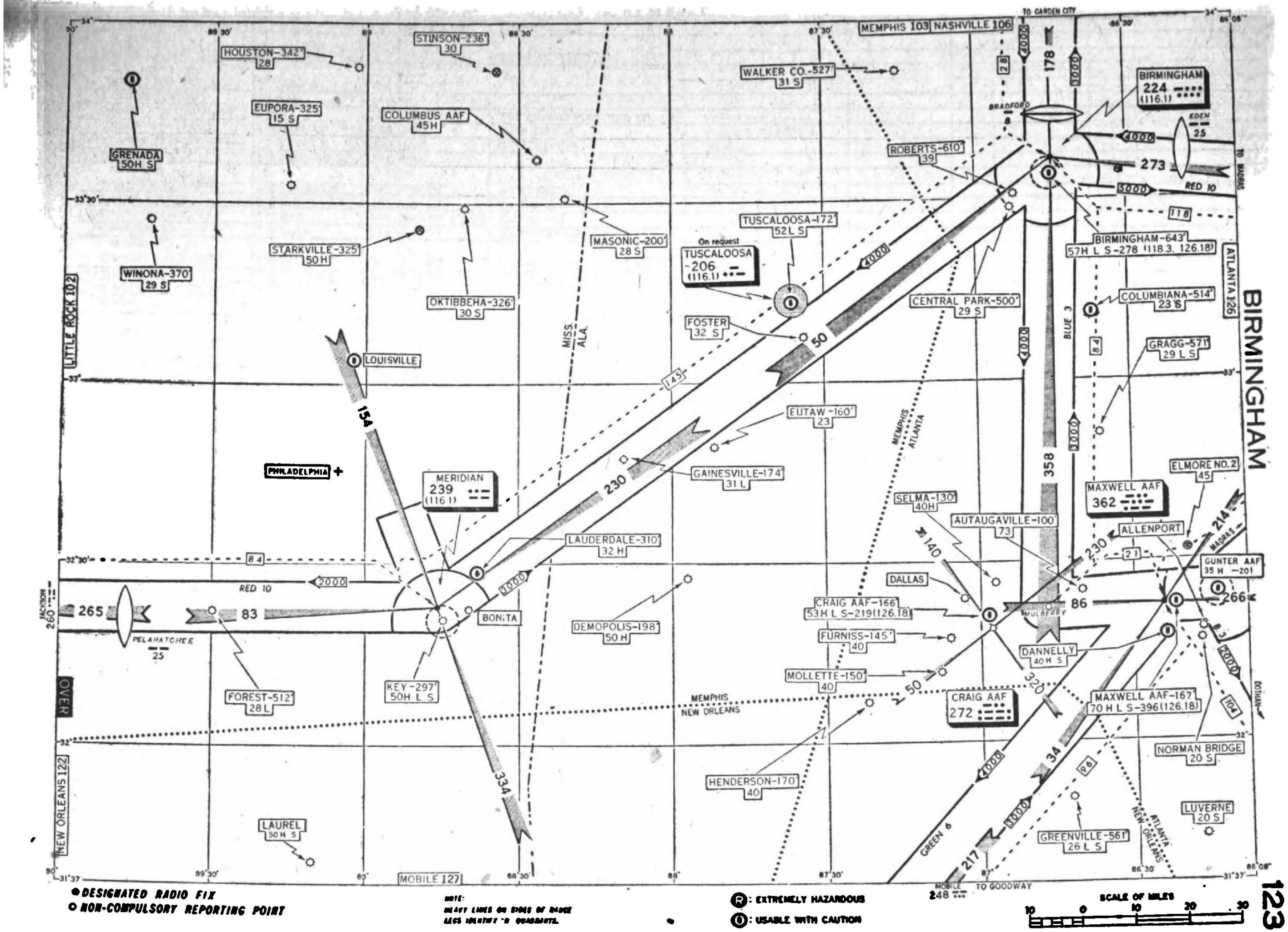
AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alvin Callender (New Orleans)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct.No sto.Poles S.
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct.No sto.Data unver.
Chapman (New Orleans) (NC)	8.5 NE;lake N	4	22	15' trees NW. Cattle on field.
* Covington Int,3,NO-LS	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26, HU-NO	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E;hwy N,E	56	31 S4	80,91 oct. Pole line S.
Esler (Alexandria)	11 NE;Bayou S	92	45h	
Eunice	1.7 W;hwy N	45	35 S2	80 oct.
False River(New Roads)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld.
Grand Isle (NC)	2.6 NE;hwy NW	4	22	
(A) Hammond AAF (A)	2 ENE;RR S	40	50h	CLOSED
HARDING (Baton Rouge)	5.8 NNE	70	60h L5 S2	91 oct. No bcn.
(P) Harry P. Williams Mem'l. (Patterson)	2 WNW;bet RR, and hwy	9	32 L2 S2	73 oct. No bcn.Lgts prior req. Pole line NW.
(N) Houma NAS (LTA)(N)	3.1 ESE;RR NE	11	50h	INACTIVE.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
K-P (Covington)	1.6 NW;RR S	27	18 S2	80 oct.
Lafayette	1.5 SE;RR W	40	50h R1 L5 S1	91 oct. Pole line S.
Menefee (New Orleans)	5.2 E;riv S	1	31	Pole line S.
(N) MOISANT INTERNATIONAL (New Orleans)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct. Avail.only to Army,Navy, and Airlines.
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L4 S4	91,100 oct.; 100 oct Govt contract. FEE.
(N) New Orleans NAS (N)	4.6 N;on lake	7	34h R1	Tower NE.
(P) Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia) (NC)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
Winnsboro	1.2 ESE,RR SW	80	22 S1	80 oct.
MISSISSIPPI				
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
(A,N) JACKSON	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank,stack E.
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior request. Caution - wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct.No bcn;lgts prior req.Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	
* Tylertown Int,7,NO-LS	6 SE;road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.Poleline W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

NEW ORLEANS


LITTLE ROCK 102
WINNSBORO -80'
22 S
GARDNER - 75'
16 S
MEMPHIS
NEW ORLEANS
HINDS CO - 244'
40H
JACKSON - 345'
54H L S - 278 (118.7, 126.18)
EAST JACKSON - 338'
22 S
FLORENCE
15
BIRMINGHAM 123
BURNSIDE
McDONALD
CASTLE
LE TOURNEAU - 80'
29
JOSEPH H SHARPE - 135'
25 S
MATCHEZ - 271'
30H
FERRIDAY
ULMER - 500'
20 S
ROCKPORT - 217'
28 L
208
ESLER
45H
LA
MISS
McCOMB - 460'
27 L S
TYLERTOWN - 383'
40 L
292
MISS
LA
BEAUMONT 119
HARONG - 70'
60 H L S
128
218
MOBILE 127
EUNICE - 45'
35 S
FALSE RIVER
HAMMOND AAF
50 H
COVINGTON - 77'
27 L
BATON ROUGE (W)
347
PERE BURDEN
GIRARD - 39'
21 S
LAFAYETTE
227
(116.1)
150
MUE 45
308
38
NEW ORLEANS - 8'
40H L S - 382 (126.18)
EAST BATON ROUGE PARISH - 56'
21 S
DONALDSONVILLE - 18'
40
NEW ORLEANS
338
(116.1)
LA PLACE
15
264
91
243
71
GREEN 6
178
LAFAYETTE
50 H L S
IBERIA PARISH - 27'
40H S
NAS. NEW ORLEANS - 7'
34H - 323 (142.74)
MORGANT - 31'
70H S - 278 (118.3, 126.18)
GARYANA
20
ALVIN CALLENDER - 4'
50H L S
HARRY P. WILLIAMS MEM - 9'
32 S
NAS. HOUMA - 11'
30 H
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES


BIRMINGHAM
MEMPHIS 103 NASHVILLE 106
TO GARDEN CITY
HOUSTON-342'
28
STINSON-236'
30
WALKER CO.-527'
31 S
EUPORA-325'
15 S
COLUMBUS AAF
45 H
GRENADA
50H S
ROBERTS-610'
39
BIRMINGHAM
224
(116.1)
BRADFORD
EDEN
25
273
RED 10
TO MADRAS
TUSCALOOSA-172'
52L S
WINONA-370'
29 S
STARKVILLE-325'
50 H
MASONIC-200'
28 S
On request
TUSCALOOSA
-206
(116.1)
BIRMINGHAM-643'
57H L S-278 (118.3, 126.18)
ATLANTA 126
LITTLE ROCK 102
OKTIBBEHA-326'
30 S
CENTRAL PARK-500'
29 S
COLUMBIANA-514'
23 S
FOSTER
32 S
LOUISVILLE
MISS.
ALA.
GRAGG-571'
29 L S
EUTAW-160'
23
MEMPHIS
ATLANTA
PHILADELPHIA
MERIDIAN
239
(116.1)
GAINESVILLE-174'
31 L
ELMORE NO.2
45
MAXWELL AAF
362
SELMA-130'
40H
AUTAUGAVILLE-100'
73
ALLENPORT
LAUDERDALE-310'
32 H
RED 10
GUNTER AAF
35 H -201
DALLAS
BONITA
DEMOPOLIS-198'
50 H
CRAIG AAF-166'
53H L S-219(126.18)
MULBERRY
DANNELLY
40 H S
FURNISS-145'
40
MOLLETTE-150'
40
FOREST-512'
28 L
KEY-297'
50H L S
MEMPHIS
NEW ORLEANS
CRAIG AAF
272
MAXWELL AAF-167'
70 H L S-396(126.18)
DOTHAN
NORMAN BRIDGE
20 S
HENDERSON-170'
40
LAUREL
50 H S
GREENVILLE-561'
26 L S
LUVERNE
20 S
ATLANTA
NEW ORLEANS
MOBILE 127
NEW ORLEANS 122
TO GOODWAY
MOBILE
248
PELAHATCHEE
25
JACKSON
260
265
83
154
145
230
334
140
50
320
358
178
273
118
214
86
266
104
34
217
84
21
25
28
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
LEGS SOLELY TO GRADIENTS.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BIRMINGHAM	224(BH)(116.1)	SBRAZ-DTV	(3); 116.1
Birmingham Airport	278 (126.18,118.3)	AC; 178°, 3	(4); 122.5,126.18,118.3
BRADFORD FM	(-)	FM, 358°, 8	Birmingham
CRAIG (Selma)(Army)	272 (DPP)	BMRLZ	(3); 126.18
Craig Field	219 (126.18)	CA; 320°, 2.5	(3); 126.18
EDEN FM	(- -)	FM; 93°, 25.1	Birmingham
GUNTER FLD (Montgomery)	201	CA	4495 (Oper. on a variable schedule)
MAXWELL (Montgomery) (Army)	362 (DXW)	SBRAZ	(4)
Maxwell Field	396 (126.18)+	CA; 86°, 2	(4); 126.18
TUSCALOOSA	206(TU)(116.1)	MHTV	(4); 116.1
MISSISSIPPI			
MERIDIAN (Key)	239(UM)(116.1)	SBMRAZ-DTV; 154°, 2.8	(4); 116.1
PELAHATCHEE FM	(- -)	FM, 85°, 25	Jackson.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers to Frequency Column indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 127.85, 140.58 mcs.

AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N.
Autaugaville (Selma)	20.5 W	100	73	
(A) BIRMINGHAM	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct. JP-1. Rdo rec rqrd.
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana	1.5 WNW	514	23 S4	80 oct. Lgt acft only.
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Dallas (Selma)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
DANNELLY (Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW;riv NW	198	50h	
(A) Elmore (Montgomery)	10 N;hwy N	203	45	CLOSED (A)
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	236	32 S4	Ltd 73 oct. Pwr line E.
Furniss (Selma)	10 SSW	145	40	
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gragg, 27, PS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E.
Greenville, 24, NO-AG	5.5 WNW;hwy S	561	26 L2 S4	80 oct.
(A) Gunter (Montgomery)(A)	5 NE	225	35h R1	
Henderson (Selma)	29 SW;riv W	170	40	
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(A) Maxwell (Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct. No sto. JP-1.
Mollette (Selma)	16.2 SSW	150	40	
Norman Bridge (Montgomery)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Roberts (Birmingham)	3 W;RR N	610	39	
Selma-Selfield (Selma)	4 ENE;RR S	130	40h	
Tuscaloosa, 59, FV-AG	3 NW;RR N	172	52 R1 L3 S6	73,80 oct. Pole, trees N.
Walker County (Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.
MISSISSIPPI				
Bonita (Meriden)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(A) Columbus AAF (A)	10 N; RR E	215	45h	TMP INACT NO FACS.
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest, 46, FV-AG	1 W;RR S	512	28 L3	
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct. Ctc lgts req.
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N; bldg SE.
KEY (Meridian)	3.5 SW:RR E	297	50h R1 L5 S4	80,91 oct. Ctc lgts prior req.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Laurel	3 SW;RR SE	235	50h L S4	80,91 oct. Port. rnwy lgts.
Louisville Air Service	3.9 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic (Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
O'Keefe (Newton)(NC)	1.5 ESE;RR N	363	26	Trees NE,SE,NW. UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
Philadelphia Arpk.	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen) (A)	3 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only. Rnwy data unver.

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GEORGIA			
ALBANY (Turner Aux. Field #1)	254(GY)(116.1)	BMRLZ-DTV, 298°, 2.3	(4); 116.1 (DTV Stn lctd at Albany Airport)
→ ATLANTA	266(AG)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
Atlanta Airport	278(118.7,126.18)	AC(ILS);331°,1.9	(4);126.18,118.7, 122.5
Atlanta (Navy)	323 (NCQ)	MRLWZ	
Atlanta NAS	356 (142.74)	CN; 86°, 3.2	3105,4495,3117.5;142.74
EAST POINT LFM	(- - - -)	LFM; 331°, 6.5	Atlanta
JONESBORO	219 (H)	FMK; 133°, 11	Atlanta
JONESBORO FM	(- -)	FM; 133°, 11	Atlanta
LAWSON (Columbus) (Army)	379 (DVL)	BMRLZ	(3)
Lawson Field	278 (126.18) +	CA; 21°, 3.3	(3); 126.18
→ MACON (Herbert Smart)	209 (UN)(116.1)	BMLZ-DTV;246°, 4.8	(4); 116.1 ,122.1
MADRAS FM	(- - -)	FM, 230°, 22.8	Atlanta
MARIETTA AAF	396 (126.18)	CA	4495; 126.18 (8-20)
SMYRNA FM	(. . - - - -)	FM; 331°, 22	Atlanta
STONE MOUNTAIN FM	(-)	FM; 55°, 17.25	Atlanta
TURNER LFM (Army) (NC)	(- - -)	FM, 202°, 11.6	Albay (On req.)
WARNER-ROBINS (Robins Field)	284 (126.18) +	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Atlanta, Ga.	109.9		329° Mag.	IM-	MM-	OM-
					MMK-201---(.68	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS. Transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ALABAMA

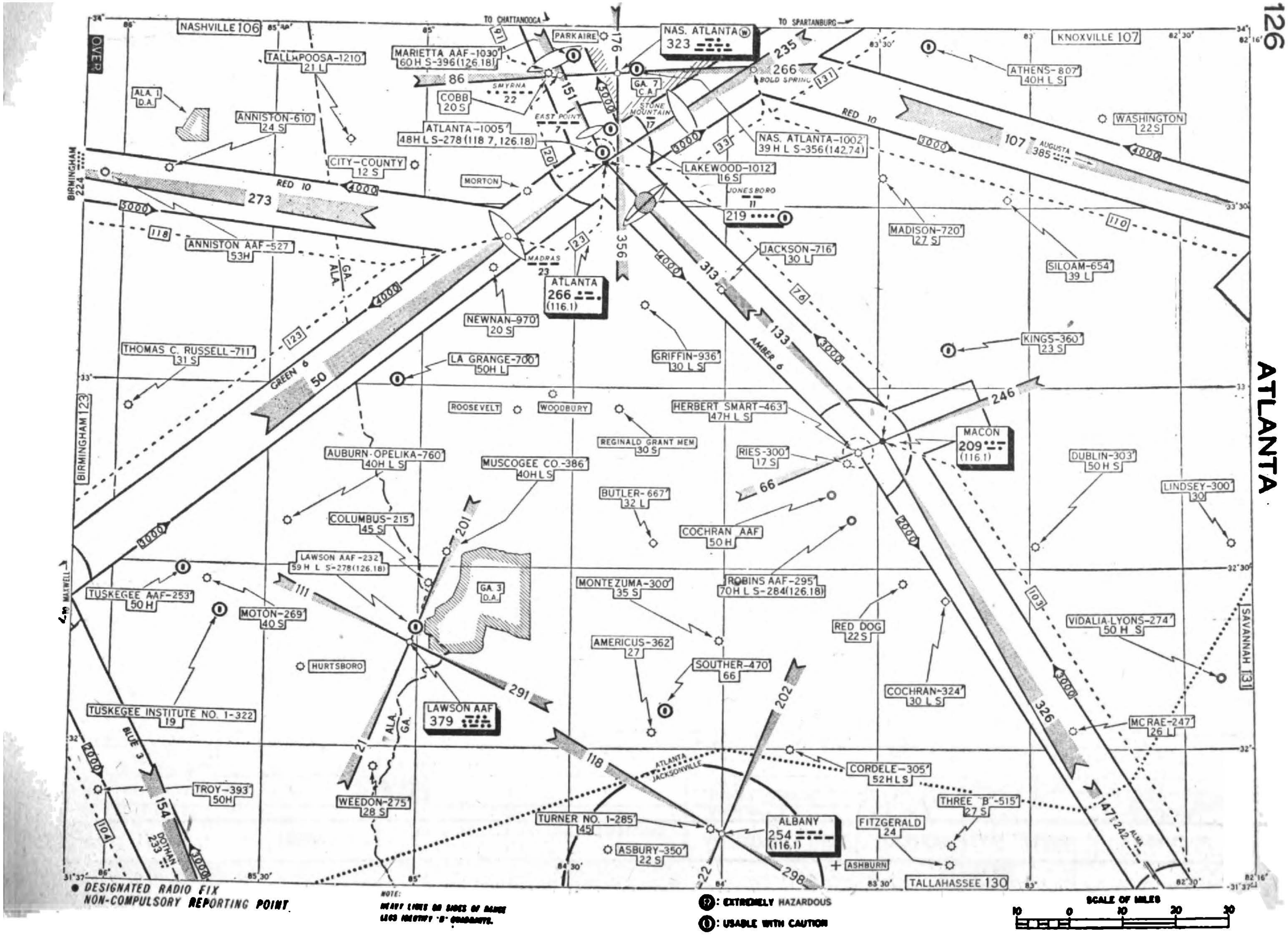
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anniston	5.5 SSW	610	24 S3	80 oct. Pole line W, lgtd.
(A) Anniston AAF (A)	15 SW;hwy N	527	53h	TMP INACT.NO FACS
(P) Auburn-Opelika(Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct.Fld lgts prior req.
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct.No sto.Twr S end.
Talladega (NC)	2.6 NE;RR SE	590	20	Pole line E, hill W.
Thomas C. Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (A)	4.8 NNW;rd E	393	50h	CLOSED
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
Asbury (Dawson)	5.7 SE;RR N	350	22 S1	Ltd 80 oct. Pole NNW.
Athens	3.5 E;RR N	807	40h L4 S6	80, 91 oct.
(A) ATLANTA	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2(L6) S6	100 oct. NAFC
* Butler Int,14,TJ-AG	0.5 NW;RR S	667	32 L3	Poles S.
City-County(Carrollton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Cobb (Marietta)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct.No sto.Trees
(A) Cochran (Macon)(A) →	10 S;RR E	354	50h	TMP INACT.NO NW. FACS.
* Cochran Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct.Poles NW,NE,S,SE.
Columbus	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct.
Fitzgerald	2 SSW;RR W,E	365	24	
Griffin	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
HERBERT SMART (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	91,80 oct.
* Jackson Int,57,MM-AG	4.6 SW;rd S	716	30 L3	Barn E; bldg W.
Kings (Milledgeville)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3 SW;RR ESE	700	50h L2	
Lakewood(Atlanta)	4 S;bet RRs	1012	16 S4	80 oct.
(A) Lawson(Columbus)(A)	9.5 S;riv W	232	59h R2 L5 S6	91,100 oct. No sto.
(P) Lindsey (Swainsboro)	2.3 S;RR W	300	30	Pole line E.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
Madison	2 SSW;RR E	720	27 S2	80 oct.Pwr line SSE.
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line E.
MUSCOGEE CO. (Columbus)	6 NE;hwy E	386	40h L5 S6	80,91 oct.Fld lgts prior req.
Newnan Airpark	3.7 SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct.Trees N,E.
Reginald Grant Memorial (Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S.
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg.Trees
(A) Robins (Warner-Robins) (A)	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct;JP-1 NE.
Roosevelt (Warm Spgs)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW.
* Siloam Int,7B,AG-CS	1.3 S;road W	654	39 L3	82'mast SE corner N/S strip.
Souther (Americus)	4 NE;RR W	470	66	
* Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE; house NW
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Turner #1 (Albany)	15 NE	285	45	
(A) Vidalia-Lyons(Vidalia)	3.2 SE;hwy N	274	50h	TMP INACT NO FACS(See
Washington	1.4 NW;RR SE	600	22 S1	80 oct. Spl Not.)(A)
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.
→ Ashburn, (Ga.)	1.5 S;RR, hwy W	430	18 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

ATLANTA

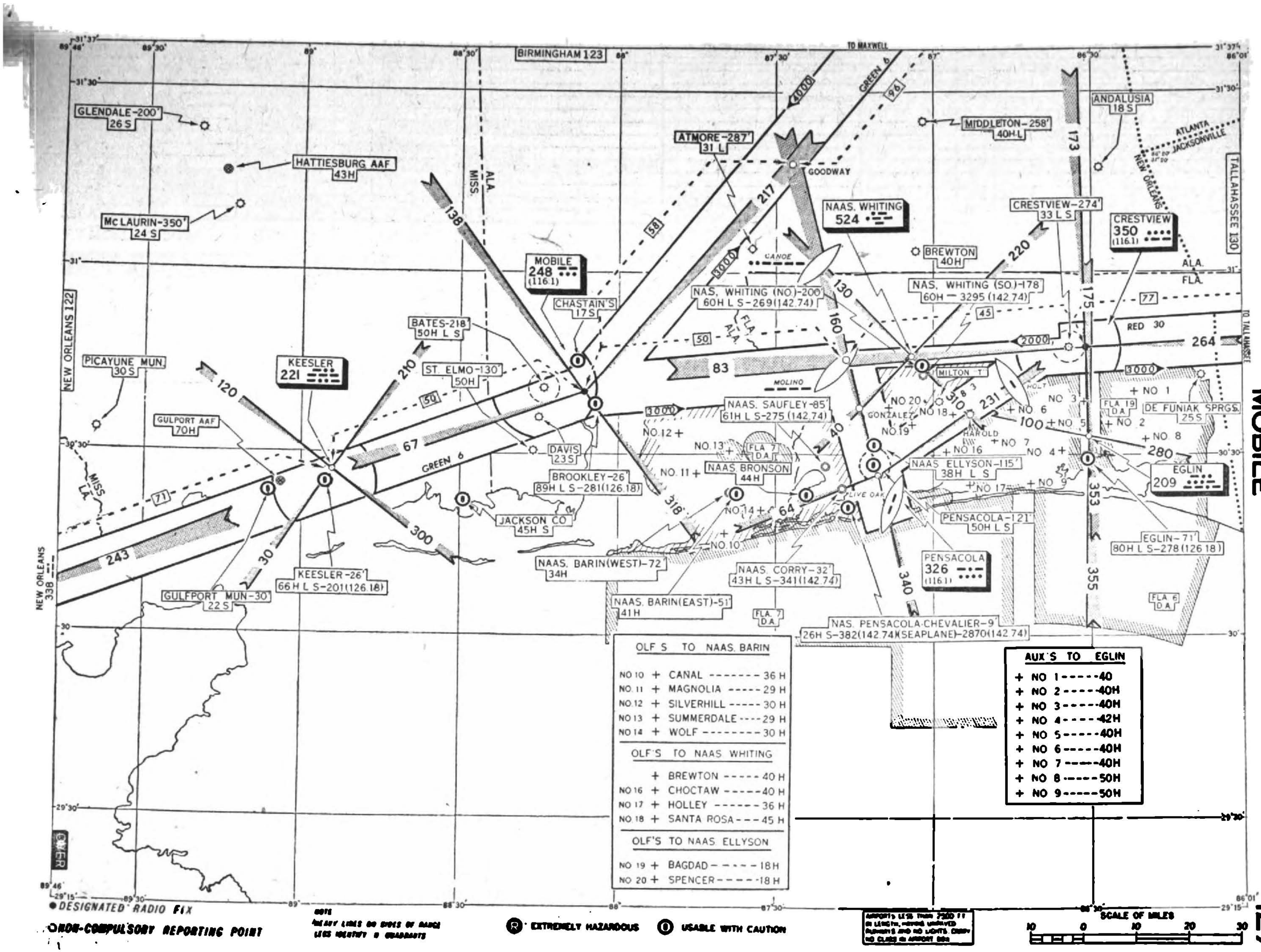


● DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LESS RESTRICTIVE "B" CORRIDORS.

(H): EXTREMELY HAZARDOUS
(L): USABLE WITH CAUTION

SCALE OF MILES
10 0 10 20 30


BIRMINGHAM 123
TO MAXWELL
GLENDALE-200'
26 S
HATTIESBURG AAF
43H
McLAURIN-350'
24 S
ATMORE-287'
31 L
GOODWAY
MIDDLETON-258'
40H-L
ANDALUSIA
18 S
ATLANTA
JACKSONVILLE
NEW ORLEANS
TALLAHASSEE 130
NAAS. WHITING
524
CRESTVIEW-274'
33 L S
CRESTVIEW
350
(116.1)
MOBILE
248
(116.1)
CHASTAIN'S
17 S
BREWTON
40H
NAS. WHITING (NO.)-200'
60H L S-269(142.74)
NAS. WHITING (SO.)-178
60H — 3295 (142.74)
ALA.
FLA.
NEW ORLEANS 122
PICAYUNE MUN.
30 S
KEESLER
221
BATES-218
50H L S
ST. ELMO-130'
50H
MILTON
DE FUNIAK SPRGS.
25 S
GULPORT AAF
70H
DAVIS
23 S
NAAS. SAUFLEY-85'
61H L S-275 (142.74)
NO. 12 +
NO. 13 +
NO. 11 +
NAAS. BRONSON
44H
BROOKLEY-26'
89H L S-281(126.18)
JACKSON CO
45H S
NO. 14 +
NO. 10 +
NAAS. ELLYSON-115'
38H L S
PENSACOLA-121'
50H L S
EGLIN
209
EGLIN-71'
80H L S-278(126.18)
PENSACOLA
326
(116.1)
NAAS. BARIN(WEST)-72
34H
KEESLER-26'
66H L S-201(126.18)
GULFPORT MUN-30
22 S
NAAS. CORRY-32'
43H L S-341(142.74)
NAAS. BARIN(EAST)-51'
41H
NAS. PENSACOLA-CHEVALIER-9
26H S-382(142.74)(SEAPLANE)-2870(142.74)
CANOE
MOLINO
OLIVE
HOLLEY
GONZALEZ
HAROLD
RED 30
264
GREEN 6
MISS. LA.
NEW ORLEANS 338
OLF'S TO NAAS. BARIN
NO 10 + CANAL ------- 36 H
NO. 11 + MAGNOLIA ----- 29 H
NO 12 + SILVERHILL ----- 30 H
NO 13 + SUMMERDALE ---- 29 H
NO 14 + WOLF -------- 30 H
OLF'S TO NAAS. WHITING
+ BREWTON ----- 40 H
NO 16 + CHOCTAW -----40 H
NO 17 + HOLLEY ------ 36 H
NO 18 + SANTA ROSA --- 45 H
OLF'S TO NAAS. ELLYSON
NO 19 + BAGDAD ----- 18H
NO 20 + SPENCER ----- 18 H
AUX'S TO EGLIN
+ NO 1 -----40
+ NO 2 -----40H
+ NO 3 -----40H
+ NO 4 -----42H
+ NO 5 -----40H
+ NO 6 -----40H
+ NO 7 -----40H
+ NO 8 -----50H
+ NO 9 -----50H
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE
THE ANY LINES OR DOTS OF RADIO LEGS HORIZONTAL OR QUADRANTS
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT IN LENGTH, NOT PAVED RUNWAYS AND NO LIGHTS. OPEN NO CLASS E AIRSPACE
SCALE OF MILES
10 0 10 20 30

RADIO AIDS — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARIN FIELD NAAS (Foley) EAST FIELD			DECOMMISSIONED
BARIN FIELD NAAS (Foley) WEST FIELD			DECOMMISSIONED
BROOKLEY FIELD (Mobile)	281 (126.18) +	CA	(4); 126.18
CANOE FM	(. . - - - -)	FM; 310°, 24.9	Whiting NAAS
MOBILE (Brookley)	248)MS)(116.1)	SBRAZ-DTV;138°,3.2	(4); 116.1
FLORIDA			
CORRY FLD NAAS (Pensacola)	341 (142.74)	CN	3105; 142.74
CRESTVIEW	350(HW)(116.1)	SBRAZ-DTV;264°,2.6	(4); 116.1
EGLIN (Valparaiso)(Army)	209 (DVQ)	MRLPZ	(Voice 6-24)(3); 126.18
Eglin Field	278 (126.18) +	CA; 175°, 4	(3); 126.18 (6-24)
HOLT FM	(-)	FM, 51°, 31.2	Pensacola
LIVE OAK FM	(- -)	FM, 160°, 6	Pensacola
MOLINO FM	(- - - -)	FM, 340°, 21.4	Pensacola
PENSACOLA	326 (KH)(116.1)	SBRAZ-DTV;340°,2.1	(4); 116.1
Pensacola-Chevalier NAS	382 (142.74)	CN	(4); 142.74 (sunrise-30 mins after sunset)
Pensacola-Chevalier NAS (Seaplane)	2870 (142.74)	CN	3105; 142.74 (730-1630 except Sat,Sun. and holidays)
SAUFLEY FLD NAAS (Pensacola)	275 (142.74)	CN	3105,4495; 142.74 (GCA)
WHITING (Milton)(Navy)	524 (AWT)	MRLZ	
Whiting Fld NAAS (North)	269 (142.74)	CN; 130°, 3.2	3105, 4495; 142.74
Whiting Fld NAAS (South)	3295 (142.74)	CN	3105; 142.74 (7-22)
MISSISSIPPI			
KEESLER (Biloxi) (Army)	221 (DOX)	BMRLZ	(4); 4220
Keesler Field	201 (126.18)	CA; 210°, 2.9	(4); 4220

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Andalusia	1.7 SSE;RR N	340	18 S1	80 oct.
* Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
(N) Barin NAAS-East (Foley)(N)	2.7 ESE	51	41h	INACTIVE
(N) Barin NAAS-West (Foley)(N)	2.7 ESE	72	34h	INACTIVE
BATES (Mobile)	10 W;rd N,S	218	50h L5 S4	80,91 oct.No flood lgts; ctc lgts req.
Brewton (old) (NC)	2.5 N;hwy E	100	23	UNUSABLE.
(P) Brewton (new)	3.5 S; riv N	92	40h	
(A) Brookley (Mobile) (A)	3 SSW;RR NW	26	89h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
(N) Faircloth (Lillian) (N)	3 NW;bay E	70	37	
(N) Kaisers Tract OLF (Elberta) (N) (NC)	3.3 ENE;hwy S	90	25	
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(A) St. Elmo (A)	1 WSW;RR S	130	50h	CLOSED
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
(N) Summerdale OLF (N)	3.5 ENE;RR W	129	29h	
(N) Wolf OLF (Josephine) (N)	1.5 N;bay E	54	30h	
FLORIDA				
(N) Bagdad OLF (Pensacola) (N)	14 NE;RR SE	111	18h	Use rnwys.
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
Crestview,21,NO-JX	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W;RR N	197	25 S1	80 oct. Pwr line N.
(A) Eglin (Valparaiso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73-100 oct. JP-1. No sto.
(A) Eglin #1 (Valparaiso) (A)	13.7 NNE	238	40h	
(A) Eglin #2 (Valparaiso) (A)	6.1 NNE	157	40h	
(A) Eglin #3 (Valparaiso) (A)	10 N	192	40h	
(A) Eglin #4 (Valparaiso) (A)	6.2 W	92	42h	
(A) Eglin #5 (Valparaiso) (A)	10 NW	178	40h	
(A) Eglin #6 (Valparaiso) (A)	18.2 WNW;riv NW	136	40h	
(A) Eglin #7 (Valparaiso) (A)	19.5 W	133	40h	
(A) Eglin #8 (Valparaiso) (A)	10.3 ENE	113	50h	
(A) Eglin #9 (Valparaiso) (A)	13.7 WSW	35	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h L S6	73,91 oct.E and W flds. CLOSED.
Gulf Airpark (Pensacola) (NC)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola) (N) (NC)	12 NW	100	54	
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
Milton "T" (NC)	3.5 ENE;RR S	150	53 S3	80 oct.
(P) PENSACOLA	4 NNE;bay E	121	50h R1 L5 S6	80,91 oct.
(N) Pensacola NAS (Chevalier) (N)	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts.
(N) Pensacola NAS (Corry) (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) Pensacola OLF #1 (N)(NC)	14 NW;riv 3 W	100	46	
(N) Pensacola OLF #5 (N)(NC)	10 NNW;RR W	115	57	
(N) Pensacola OLF #6 (N)(NC)	10 NNW;RR E	110	48	
(N) Pensacola OLF #7 (N)(NC)	7 NW	103	37	
(N) Pensacola OLF #8A (N)(NC)	13 NW	100	73	
(N) Pensacola OLF #9K (N)(NC)	11.5 NNW;RR E	110	50	
(N) Santa Rosa OLF (Milton) (N)	6 E;rivs N,S,W	150	45h	
(N) Saufley NAAS (Pensacola) (N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87,91 oct.
(N) Spencer OLF (Pensacola) (N)	15 NNE;bay S	145	18h	
(N) Whiting NAS-North (Milton)	6 N	200	60h R2(L6)S4	73,91,100 oct. (N)
(N) Whiting NAS-South (Milton)	5 N	178	60h R1	Use N Field. INACTIVE. (N)
MISSISSIPPI				
Ellisville (NC)	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW	145	43h	Poles W,NW. RR NE. CLOSED
Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
McLaurin	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x111) NC-(not charted). → NEW OR REVISED DATA

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOTHAN	233(NT)(116.1)	SBRAZ-VDT,47°,3.7	(4);116.1

FLORIDA

CROSS CITY	269 (FC)(116.1)	SBMRAZ-VDT,315°,2.7	(4), 116.1
DALE MABRY FLD (Tallahassee)	281 (126.18)(118.3	C,	(4), 126.18, 118.3, 122.5
TALLAHASSEE (Dale Mabry Fld)	335 (TJ)(116.1)	SBRAZ-VDT,85°,2.7	(3), 116.1,122.1
TYNDALL (Panama City)(Army)	203 (DKE)	BMRLZ	Voice 8-23. (3); 126.18
Tyndall Field	272 (126.18)	CA, 313°, 3	(3), 126.18 (6-24)

GEORGIA

ALMA (Int.)	242 (AJ)(116.1)	SBRAZ-VDT,144°, 2.2	(4), 116.1
TURNER LFM (Army)(NC)	(- - -)	FM,202°,11.6	Albany (On req)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ALABAMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DOTHAN	3 WNW;hwy S,E	330	40h R1 L5 S6	80,91 oct.No sto.No flood lgts.
Enterprise	0.5 NE	355	22	
Headland	2 NE,hwy N	350	48	
(A) Napier (Dothan) (A)	7.5 NW,RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT NO FACS
Southern Airmotive	2 SE,RR W	322	27 S4	80 oct. Twr NW. (Dothan)

FLORIDA

(A) Alliance #4(Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A)	2 W,RR N	19	53h	TMP INACT NO FACS
(A) Bascom (Marianna) (A)	15.5 NE	120	50h	CLOSED
Carrabelle Flgt Strip	2.6 W,hwy S	20	40h	
Chipley	1.5 SE,hwy N	100	24 S1	80 oct.Trees around fld.
Cross City	1 SE,RR SW	42	50h R1 L5	
DALE MABRY (Tallahassee)	3 W, RR S	70	52h R2 L5 S4	80, 91 oct.
Ellis (Marianna)	9.5 N,riv W	116	50h	
Jasper ,43,NO-JX	3.5 SSE,RR NE	148	36 L3	Poles W.Power line NE.
John H. Alison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80 oct. Lgts prior req.
(N) Lake Butler OLF (N)	2 SSW,RR NW	131	60h L	
Lake City	3.7 ESE,RR S	201	60h	
Lake Jackson(Tallahassee)	9 NNW,riv NW	250	30 S4	80 oct. No sto.
Live Oak	1 W,RR W	105	28 S1	80 oct. Pole line N,NE,SW. Hwy N.
Malone #2 (Marianna)	15.5 N	154	50h	
Marianna	6 NE,hwy E	112	50h L5 S4	80 oct.Fld lgts prior req.
Montbrook (Williston)	3.2 SSW,hwy E	70	70h	
Monticello (NC)	1.5 SW,hwy E	160	25	
Panama City	5 NW,bay N,S,W	5	19 S6	80 oct.

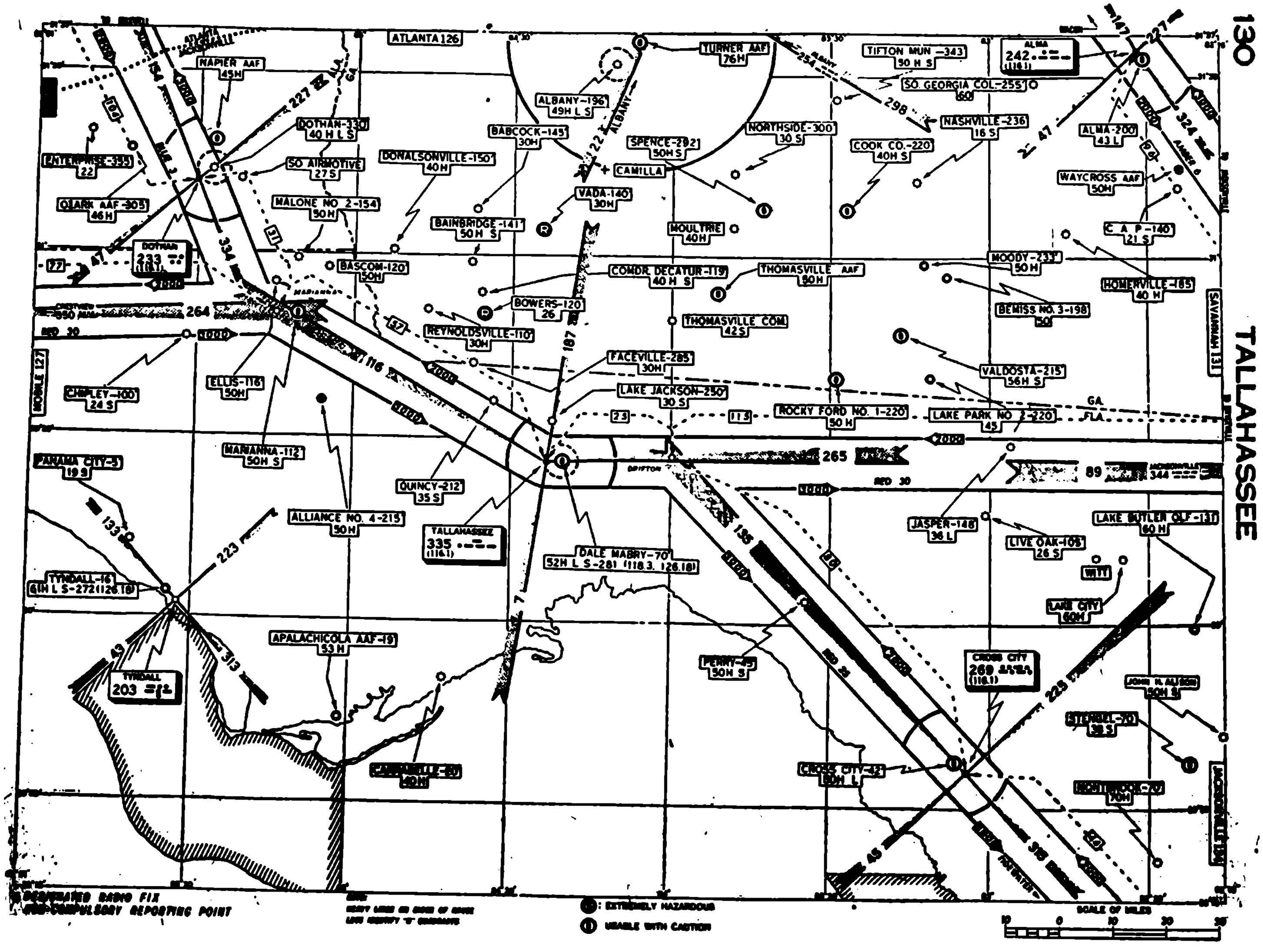
FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Perry	2 S; RR E	45	50h S2	80,91 oct.
Perry Municipal	0.5 NE	43	20	Trees NE,SW.
Quincy	1.5 NE,RR S	212	35 S1	80 oct.
Stengel(Gainesville)	4 WSW,RR SE	70	38 S6	80 oct. Trees around fld.
Tennile (NC)	2.2 SSW;rd E	35	20	Trees SW Road E.
(A) Tyndall (Panama City)	8 SE	16	61h R2 L5 S6	73,91,100 oct. Gulf of Mexico SW. (A)
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

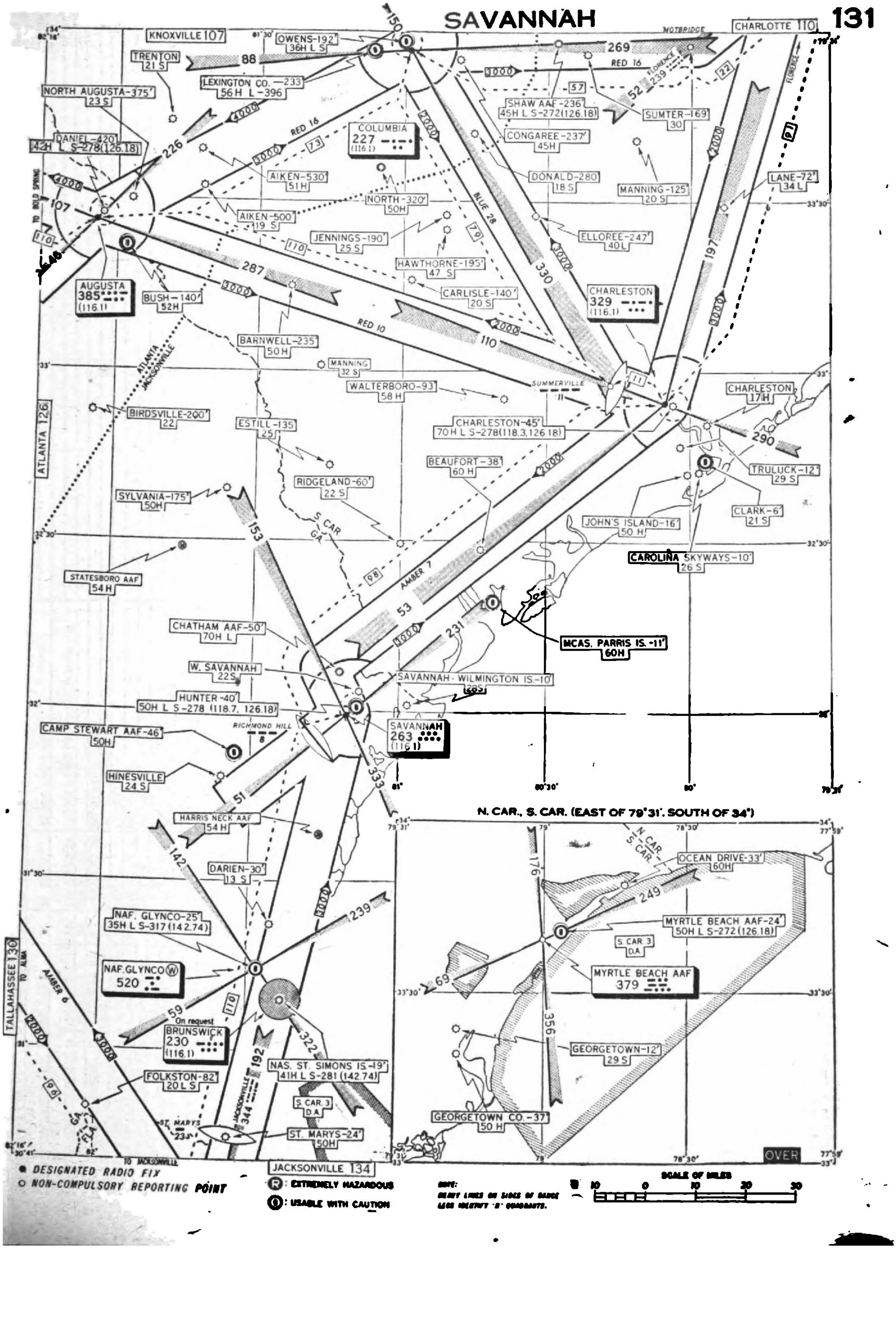
[redacted]

ALBANY	4 SW, RR N	196	49h R1 L5 S6	80, 91 oct.
Alma, Site 43, MM-AG	2.5 W,hwy N	200	43 R1 L3	
Babcock(Bainbridge)	3.5 ENE Boykin	145	30h	
Bainbridge	7 NNW,RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta)(A)	12 NE,hwy SE	198	50	TMP INACT NO FACS
Bowers (Bainbridge)	4.5 S,rd W	120	26	Trees sur fld. Closed. Hign weeds.
Camilla	0.7 NW		22 S1	80 oct. Data not verified.
Civil Air Patrol (Waycross)	2.6 WSW,RR SE	140	21 S1	80 oct. Obsts surround fld.
Commodore Decatur	2 W,riv S	119	40h S1	80 oct. (Bainbridge)
Cook County (Adel)	1.3 W,hwy NE	220	40h L3 S6	80, 91 oct.
Donalsonville(Bainbridge)	1 S Donalsonv'l	150	40h	
Faceville(Bainbridge)	3.5 S Faceville	285	30h	
Homerville Flgt Strip	2.5 NW,hwy NE	185	40h	
(A) Lake Park #2(Valdosta)	12.5 SSE,hwy N	220	45	TMP INACT NO FACS (A)
(A) Moody (Valdosta)(A)	11.5 NNE,RR W	233	50h	TMP INACT NO FACS
Moultrie	7 S,hwy NW	287	40h	
Nashville	1.3 ENE,RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW,RR W	300	30 S4	80 oct. No sto.
(A) Reynoldsville (Bainbridge) (A)	1.7 SSW Reynoldsville	110	30h	CLOSED
(A) Rocky Ford #1 (A)	16 SW,hwy N	220	50h	CLOSED (Valdosta)
South Georgia College	1.3 S,RR W	225	60	(Douglas)
Spence (Moultrie)	5 SE,hwy W	292	50h S6	80,91 oct
(A) Thomasville AAF(A)	8.5 ENE,hwy S	264	50h	CLOSED
Thomasville, com.	1 SW,RR N	250	42 S4	80 oct.Trees sur fld.
Tifton Mun.	2.3 SE,hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE,riv N	215	76h	TMP INACT NO FACS
(A) Vada (Bainbridge) (A)	3 NE of Vada	140	30h	CLOSED
Valdosta	2.5 S,hwy E	215	56h S1	80 oct.
(A) Waycross AAF(A)	4 NW,hwy E	141	50h	CLOSED

b-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See [redacted] XIII)(NC)-Not charted. → NEW OR REVISED DATA


TALLAHASSEE
ATLANTA 126
NAPIER AAF 45H
DOTHAN-330 40 H L S
ENTERPRISE-395 22
OZARK AAF-305 46H
DOTHAN 233
SO AIRMOTIVE 27 S
MALONE NO 2-154 90H
DONALSONVILLE-150 40H
BAINBRIDGE-141 50H S
BASCOM-120 50H
ALBANY-196 49H L S
BABCOCK-145 30H
TURNER AAF 76H
SPENCE-282 50H S
CAMILLA
VADA-140 30H
MOULTRIE 40H
COMDR. DECATUR-119 40 H S
THOMASVILLE AAF 90H
BOWERS-120 26
REYNOLDSVILLE-110 30H
THOMASVILLE COM 42 S
FACEVILLE-285 30H
LAKE JACKSON-250 30 S
ROCKY FORD NO. 1-220 50 H
LAKE PARK NO 2-220 45
TIFTON MUN -343 90 H S
SO. GEORGIA COL.-255 60
NASHVILLE-236 16 S
NORTHSIDE-300 30 S
COOK CO.-220 40H S
ALMA 242
ALMA-200 43 L
WAYCROSS AAF 50H
C A P -140 21 S
MOODY-233 50 H
HOMERVILLE-185 40 H
BEMISS NO. 3-198 50
VALDOSTA-215 56H S
GA
FLA.
265
89
JASPER-148 36 L
LIVE OAK-105 26 S
LAKE BUTLER OLF-131 60 H
WITT
LAKE CITY 60H
CROSS CITY 269
JOHN M. ALLISON 60H S
STEINHATCHEE-70 38 S
HORNTOWN-70 70H
CROSS CITY-42 60H L
PERRY-45 50H S
APALACHICOLA AAF-19 53 H
TYNDALL 203
TYNDALL-16 61H L S-272 (126.1)
ALLIANCE NO. 4-215 50H
TALLAHASSEE 335
DALE MABRY-70 52H L S-281 (118.3, 126.1)
QUINCY-212 35 S
MARIANNA-112 50H S
ELLIS-116 50H
CHIPLEY-100 24 S
PANAMA CITY-5 199
MOBILE 127
SAVANNAH 131
ATLANTA
ALBANY
TALLAHASSEE
DESIGNATED RADIO FIX AND COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

SAVANNAH


KNOXVILLE 107
OWENS-192' 36H L S
TRENTON 21 S
LEXINGTON CO. —233' 56H L -396
NORTH AUGUSTA-375' 23 S
DANIEL -420' 42H L S-278(126.18)
COLUMBIA 227 (116.1)
AIKEN-530' 51H
NORTH-320' 50H
AIKEN-500' 19 S
JENNINGS-190' 25 S
HAWTHORNE-195' 47 S
CARLISLE-140' 20 S
AUGUSTA 385 (116.1)
BUSH-140' 52H
BARNWELL-235' 50 H
MANNING 32 S
WALTERBORO-93' 58 H
BIRDSVILLE-200' 22
ESTILL-135' 25
RIDGELAND-60' 22 S
SYLVANIA-175' 50H
STATESBORO AAF 54 H
CHATHAM AAF-50' 70H L
W. SAVANNAH 22S
HUNTER-40' 50H L S-278 (118.7, 126.18)
CAMP STEWART AAF-46' 50H
HINESVILLE 24 S
HARRIS NECK AAF 54 H
DARIEN-30' 13 S
NAF. GLYNCO-25' 35H L S-317 (142.74)
NAF. GLYNCO (W) 520
BRUNSWICK 230 (116.1)
FOLKSTON-82' 20 L S
NAS. ST. SIMONS IS.-19' 41H L S-281 (142.74)
S. CAR. 3 D.A.
ST. MARYS-24' 50H
JACKSONVILLE 134
SAVANNAH 263 (116.1)
CHARLOTTE 110
SHAW AAF -236' 45H L S-272(126.18)
SUMTER-169' 30
CONGAREE-237' 45H
DONALD-280' 18 S
MANNING-125' 20 S
ELLOREE-247' 40 L
LANE-72' 34 L
CHARLESTON 329 (116.1)
CHARLESTON-45' 70H L S-278(118.3,126.18)
BEAUFORT-38' 60 H
JOHN'S ISLAND-16' 50 H
CHARLESTON 17H
TRULUCK-12' 29 S
CLARK-6' 21 S
CAROLINA SKYWAYS-10' 26 S
MCAS. PARRIS IS.-11' 60H
SAVANNAH-WILMINGTON IS.-10' 28S
RED 16
RED 10
BLUE 28
AMBER 7
AMBER 6
ATLANTA 126
TALLAHASSEE 130
ATLANTA JACKSONVILLE
FLORENCE
MOTEBRIDGE
SUMMERVILLE
RICHMOND HILL
S. CAR GA
TO BOLD SPRING
TO ALMA
TO JACKSONVILLE
150
88
269
226
107
287
110
153
333
142
239
59
192
322
231
197
330
290
53
51
98
73
79
57
52
22
11
8
On request
34°
82°18'
81°30'
33°30'
32°30'
32°
31°30'
31°
30°41'
82°
81°
80°30'
80°
79°31'
79°
78°30'
77°59'
34°
33°
N. CAR., S. CAR. (EAST OF 79°31', SOUTH OF 34°)
N. CAR.
S. CAR.
OCEAN DRIVE-33' 60H
MYRTLE BEACH AAF-24' 50H L S-272 (126.18)
S. CAR. 3 D.A.
MYRTLE BEACH AAF 379
GEORGETOWN-12' 29 S
GEORGETOWN CO.-37' 50 H
176
249
69
356
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
Q: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF BLOCK
LESS RESTRICTIVE 'E' QUADRANTS.
SCALE OF MILES
10 0 10 20 30

GEORGIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA (Daniel)	385 (VD)(116.1)	SBRAZ-VDT,46°,2.1	(3), 116.1
BRUNSWICK	230 (BS)(116.1)	MHVT	(4), 116.1
GLYNCO (Navy)	520 (NEA)	MRLWZ	
Glynco NAF-LTA	317 (142.74)	CN,239°, 0.3	3105,4495; 142.74 (8-17)
HUNTER FIELD (Savannah)	278 (126.18) (118.7)	AC	(4): 122 5,126.18, 118.7
RICHMOND HILL FM	(- - -)	FM, 231°, 8	Savannah
ST. MARYS FM	(-)	FM, 12°, 23	Jacksonville, Fla.
ST. SIMONS ISLAND NAS	281 (142.74) (140.58)	CN	(3);142.74,140.58 (630-24)
SAVANNAH (Hunter)	265 (SH)(116.1)	SBMRLZ-VDT,51°,2.2	(3); 116.1,122.1
DANIEL(AUGUSTA)	278(126.18)	C	(4):126.18,122.5

SOUTH C[redacted]

CHARLESTON	329 (CS)(116.1)	SBRAZ-VDT	(3), 116.1,122.1
Charleston Airport	278 (126.18) (118.3)	AC(ILS):110°,1.9	(4):126.18,118 3,122.5
COLUMBIA (Owens Field)	227 (CI)(116.1)	SBRAZ-VDT,330°,1.8	(4), 116.1
LEXINGTON CO.ARPT(Columbia)	396	C	(4)(8-24)(See Notice to Airmen
MYRTLE BEACH (Army)	379(DMB)	BMRLZ	
Myrtle Beach AAF	272(126.18)	CA,69°,4.4	(3);126.18
SHAW FIELD (Sumter)	272(126.18)	CA	(3);126.18 (7-24)
SUMMERVILLE FM	(- - - -)	FM,290°,10.7	Charleston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
	110.3			IM-	MM- ·-·- (.08)	OM- -- (4.2)	
Charleston, S.C.	·-·-	335	290° Mag.		MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Birdsville (Millen)	9.4 WNW;riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT NO FACS
(A) Chatham AAF (Savannah) (A)	7.5 NW;RR E	50	70h L5	TMP INACT NO FACS
DANIEL (Augusta)	2.5 W;RR S	420	42h R2 L5 S4	80, 91 oct. No sto. Use rnwys only
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
★ Folkston Int,37,MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
(N) Glynco NAF (LTA)(N)	6.4 N;hwy SE	25	35h R2 L5 S4	91, 100 oct.
(A) Harris Neck AAF(A)	7 E of So.Newport	22	54h	CLOSED.
Hinesville	3 S; hwy W	55	24 S4	73 oct. No sto. Rdo repairs.
HUNTER (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80, 91 oct.
St. Marys	1.7 NNW;hwy S	24	50h	
(N) St. SIMONS ISLAND NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct No sto. Lgts on req Trees NE,W
Savannah-Wilmington (Savannah)	8 ESE; hwy N	10	28 S6	73 oct. Trees NE,SW.
(A) Statesboro AAF(A)	3.8 NE;hwy W	180	54h	CLOSED
(A) Sylvania (A)	7.5 SSE;hwy E	175	50h	CLOSED
West Savannah(Savannah)	3 W; RR W,N	42	22 S6	80 oct. Pole line NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS

[redacted]AROLINA

Aiken (old)	2 E; RR NNE	500	19 S4	80 oct. Trees SSW.
Aiken (new)	6 NNE; RR SW	530	51h	
Barnwell	1 WNW;hwy E	235	50h	
(P) Beaufort	4 NW	38	60h	
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
(A) CHARLESTON (mun.)	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TMP
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE, INACT:CIVIL FACS
Clark (Charleston)	4 S;riv SW	6	21 S1	80 oct. Trees surround fld.
Congaree (Columbia)	15.5 ESE;RR S	237	45h	
Donald (St.Matthews)	2.5 NNE; RR S	280	18 S1	Ltd 80 oct. Trees SE.
★ Elloree Int,25,AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
Georgetown	1 NW;riv E	12	29 S6	80,91 oct.
(P) Georgetown County	4 S;bay E	37	50h	
Hawthorne(Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct. Pole line ENE.
John's Island (Charleston)	7 SSW; rd W	16	50h	
★ Lane Int,24,JX-RW	3 S;RR W	72	34 L3	
Manning (Allendale)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
(A) Myrtle Beach AAF(A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE; hwy N	320	50h	TMP INACT NO FACS
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
OWENS (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS	1.5 S	11	60h	INACTIVE (N)
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
(A) Shaw (Sumter)(A)	7 WNW;RR W	236	45h R1 L5 S6	73, 91, 100 oct. JP-1
(A) Sumter (A)	1.5 NW; RR S	169	30	CLOSED
Trenton	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston)	5.5 W;RRs N	12	29 S6	80 oct. Poles surround fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	
(A)Lexington Co.(Columbia S.C.)	7 SW; RR SE	233	56h R1 L5	Ltd 100 oct. for Army

RADIO — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANANA RIVER (Navy)	524(NPB)	MRLZ	(3)
Banana River NAS	224 (142.74)	CN, 106°, 4.8	(3), 142.74
BAYARD FM	(- - -)	FM, 158°, 19	Jacksonville
BRYCEVILLE FM	(- - - -)	FM, 269°, 20.2	Jacksonville
CECIL NAAS (Jacksonville)	201 (142.74)	CN	3105;142.74 (flying hours)
DAYTONA BEACH	236(DB)(116.1)	BMLZ-DTV,101°,2.1	(4); 116.1,122.1
DREW FIELD (Tampa)	317(126.18,118.5)	AC	(4);126.18,118.5,122.5
FT. GEORGE ISLAND FM	(- -)	FM, 89°, 10.25	Jacksonville
JACKSONVILLE	344(JX)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Jacksonville Arpt. No. 1	278(126.18,118.5)	AC,269°, 1.7	(4); 122.5,126.18,118.5
Jacksonville NAS	365 (NIP)	MRLZ	
Jacksonville NAS	323(126.18, 142.74)	CN; 89°, 3.1	(3); 126.18,142.74
Jacksonville NAS (Seaplane)	3295	CN	3105
MACDILL FLD (Tampa)	227 (126.18)+	CA	(3), 126.18
MAYPORT CGAS (NC)	142.74	CN	3105;140.58,142.74 (req only)
➔ MELBOURNE	257(OU)(116.1)	SBRAZ-DTV,158°,2.2	(4); 116.1,122.1
NORTH TAMPA FM	(- - - -)	FM, 355°, 10.1	Tampa
ORLANDO	206(OR)(116.1)	BMRLZ-DTV	(3); 116.1,122.1
Orlando Airport	+278(126.18,118.7)	C; 220°, 3.4	(4); 118.7,122.5,126.18
PINELLAS (St. Petersburg)	272 (118.3)	CI	(4); 131.9 (8-24)
TAMPA (Peter O. Knight Arpt)	388(TM)(116.1)	SBRAZ-DTV,55°,2.6	(4); 116.1,122.1
VERO BEACH NAS	242(VB)(116.1)	MHTV	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Albert Whitted (St. Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct.Coast Gd.Stn adj. Poles,stack NW,SW.
Altoona (NC)	0.6 NW,RR E	155	25	Trees ends strips.
Avon Park	1.5 W,RR E	127	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (A)	11 ENE,lake NW	65	54h	TMP INACT NO FACS
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	91 oct.No bcn.Lgts on req.
Barberville (NC)	1 SE,bet RR & rd	25	25	Pole line E. UNUSABLE.
Bartow	5.5 NE,RR NW	128	50h L5 S2	80,91 oct.
Bostwick (NC)	1 NW,RR E	53	34	
Bradenton	0.5 S,RR NE	20	24 S1	80 oct. Trees W. Poles SW.
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	B-2 lgts.
Brooksville	7.5 SW,hwy E	70	70h	
Bushnell	2.8 NE,hwy S	82	60h	N/S rnwy unusable.
Cannon Mills (Orlando)	3.8 E,hwy N	105	41 S6	80 oct. No sto. Poles sur fld.
(N) Cecil NAAS (Jacksonville) (N)	16 WSW,hwy NW	80	50h R2 L5 S4	87,91 oct.Trees sur fld.
Cedar Keys (NC)	1 W;bay S	6	24h	
Cocoa	1 N,RR E	20	26 L1	Pole line E, trees S, W.
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct.
Deland	2.5 NNE,hwy S	80	60h L5 S1	87,91 oct.
➔ Deland-Orange City (Orange Cy)	1 SW,riv W			ABANDONED
Drew (Tampa)	5 W,bay SW	26	70h R1 L5 S6	80,91 oct. Rdo rec rqrd.
Dunnellon	4.5 E,hwy S	66	50h	
Ellenton	1.5 NNW,RR N	18	15	P-line NE, trees SW.
(P) Fernandina	4 S;ocean E	16	50h	
(N) Flemings Island OLF (Jacksonv'l)	17.5 SSW	23	40h L	B-2 lgts. (N)
Fort Pierce, com.	3.3 SSE,RR E	18	26 L1 S6	80 oct. Pole line W.
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis)	0.9 SSW;lk NNW	81	23 S1	80 oct. Poles SW,N,W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). ➔ NEW OR REVISED DATA

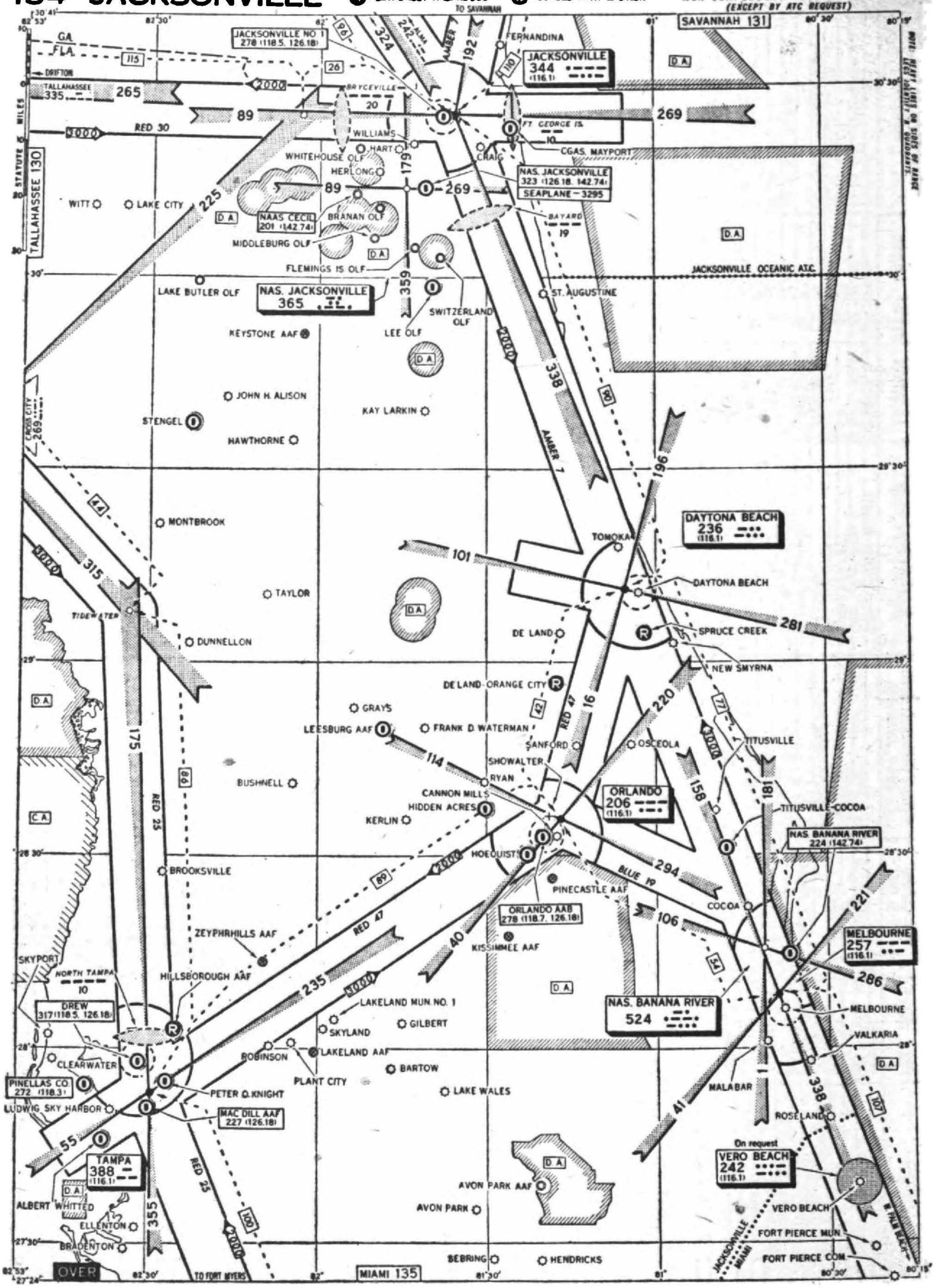
FLORIDA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gilbert (Winter Haven)	3.5 NNW;lk W,E	135	40h S6	80,91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (NC)	1 NW	175	20 L1	
Hart (Jacksonville)	6.5 W,RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne	1.2 SSE,RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE.
Hendricks (Sebring)	6.5 ESE,RR N	62	50h	
➔ Heriong (Jacksonville)	10.5 WSW	87	40h S4	80, 91 oct. No sto.
Hidden Acres (Clarcona)	1.5 WNW,lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF(Tampa)(A)	7 NNE	67	50h	CLOSED
Hoequist (Orlando)	3.8 SW,bet lakes	90	20 S4	80 oct. No sto. Trees E.
(N) Jacksonville NAS (N)	7.2 S,riv E,N	20	60h R1 L5 S6	91,100 oct.
(A) Jacksonville No. 1	6.3 N,RR W	52	70h R2 L5 S4	80,91 oct; 100 oct,JP-1 for Army.
John H. Alison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80 oct. Lgts prior req.
(P) Kay Larkin (Palatka)	3 WNW,RR N	56	50h L5 S1	91 oct.
Kerlin (Minneola)	0.5 NE	100	18 S2	80 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW,RR W	192	50h	CLOSED
(A) Kissimmee AAF (A)	2 W;RR N	65	50h	CLOSED
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h L	
Lake City	3.7 ESE,RR S	201	60h	
(A) Lakeland AAF (A)	4.5 SW,RR NE	142	50h	CLOSED
LAKELAND MUN. NO. 1	2.1 N;lake E	159	35h L5 S6	30,91 oct.Ctc lgts on req till 2400.
Lake Wales	2.3 WSW,RR N	225	40h L3 S6	80,91 oct.
(N) Lee OLF (Green Cove Springs)	2.2 SE,riv N	22	51h	INACTIVE. (N)
(A) Leesburg AAF (A)	4 ENE,RR SE	67	50h	
Ludwig Sky Harbor (St.Petersb.)	6 NE;bay E	14	33 L1 S6	80 oct.
(A) MacDill (Tampa)(A)	8 SSW,bay NE	9	100h R1 L5 S6	73-100 oct. JP-1.No sto.
Malabar	7 WNW	27	40h	
(CG) Mayport CGAS (CG)	0.6 NNE,riv N	19	43h R1	INACTIVE.
Melbourne	2.2 NW;RR E	26	43h R1	
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
Montbrook (Williston)	3.2 SSW;hwy E	70	70h	
New Smyrna	3 NNW;RR W	12	50h	
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct;100 oct.for military.No sto.
Osceola (Sanford)	10 SSE,lake SE	25	40h	
➔ PETER O. KNIGHT (Tampa)	3.7 S,bay S,E,W	8	40h R1 L5 S6	80,91 oct. Shipyard NE, Ctc lgts prior req.
(A) Pinecastle AAF (A)	3 ESE;lake NW	95	100h	CLOSED
PINELLAS CO. MASTER (St. Petersburg)	9.5 N;bay N	12	50h R1 L5 S6	80,91 oct.No sto.
Piper-Fuller (St.Petersburg)	4.8 WNW,RR E	21	32	(NC)
Plant City	3 E;hwy N	172	53	
Robinson (Plant City)	1.5 WSW,RR E	110	18 S1	80,91 oct.Pole line ESE.
Roseland (Sebastian)	1.7 W;riv N,E	23	40h	
Ryan (Apopka)	1 N;lake NW	104	28 S6	80 oct.
St.Augustine	4 NNW;hwy W	10	42h S1	80,91 oct.
Sanford	2.5 SE,lk N,S	57	60h S6	80, 91 oct.
Sawyer (Palatka) (NC)	2.6 S,RR SE	60	25	Trees N,E,S.
Sebring	4 SW;lake NE	200	20 S1	80 oct. Pwr line SW.
Showalter Arpk. (Winter Park)	2 E;RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct.No sto.Trees S.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct.No sto.P-line NE.
➔ Spruce Creek (Deland)	16 ENE			ABANDONED
Stengel (Gainesville)	4 WSW,RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (N)	1.5 SE	31	40h	
(P) Taylor (Ocala)	1 SW,RR NE	72	40h L3 S6	80,91 oct.Lgts and ngt repairs
(P) Titusville-Cocoa (Titusville)	6 S;riv E	35	50h S6	80 oct. No sto. prior req.
* Titusville Int,20,MM-AG	1.3 NW,RR E	28	28 L3	
Tomoka (Daytona Beach)	7.8 NW	29	40h	
Valkaria (Melbourne)	8 SSE;RR E	26	40h	
VERO BEACH	1 NW;RR E	24	65h R1	
Wauchula (NC)	2.1 E;riv W	120	21	Trees N,E,NE.
(N) Whitehouse OLF (Jacksonville)	13 W;RR S	102	40h L	B-2 lgts. (N)
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	80 oct.No sto.P-line E.Data unver.
Wimauma (NC)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.
(A) Zephyrhills AAF (A)	1.5 ESE;RR W	92	50h	CLOSED
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W.

134 JACKSONVILLE

Ⓡ: EXTREMELY HAZARDOUS Ⓘ: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



MIAMI 135

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

JACKSONVILLE 134

SARASOTA-BRADENTON
SARASOTA COM.
VENICE MUN.
VENICE AAF
CARLSTROM
PUNTA GORDA
PAGE
FORT MYERS 341 (116.1)
BUCKINGHAM
IMMOKALEE
NAPLES
CONNERS
RIDDLE
CLEWISTON
BELLE GLADE
JACKSONVILLE MIAMI
MELBOURNE
WITHAM
STATUTE MILES
AMBER 7
WEST PALM BEACH 209 (116.1)
MORRISON AAF 278 kc 118.9 126.18 mc
LAKE WORTH
PALM BEACH CO. PARK
BOCA RATON AAF 396 kc 126.18 mc
NO. POMPANO OLF
FT. LAUDERDALE
FORMAN OLF
NAS. FORT LAUDERDALE
BELVEDERE
MIAMI BAY SHORE
HOMESTEAD MUN
SO. DADE CO.
TAMIAMI
RED 25
306
79
38
43
60
24
3000
2000
1000
100
107
257
338
179
359
184
334
270
269
90
89
200
157
250
99
17
167
144
218

MIAMI AREA

TO WEST PALM BEACH

NO. PERRY OLF
NAS. MIAMI
MASTER OLF 382 kc 142.74 mc
MIAMI OLF
TO FORT MYERS RED 25
MIAMI 365 (116.1)
MACARTHUR
SUNNY SOUTH
MIAMI AVIATION CENTER
MIAMI INTERNATIONAL-AAF 278 kc 118.5 126.18 mc
TAMIAMI
BROWN
CHAPMAN
NAS. RICHMOND
TO KEY WEST
SCALE OF MILES
MIAMI BAY SHORE
KEY WEST 332 (116.1)
NAS. KEY WEST 396 kc 142.74 mc
MEACHAM
STOCK ISLAND
MARATHON

DA
CA

82°33' 82° 81°30' 81° 80°30' 80°20' 80°01' 27°24' 27° 26°30' 26°02' 26° 25°50' 25°40' 25°35' 24°30' 24°09'

OVER

RADIO AIDS — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOCA RATON AAF	396 (126.18)	CA	(3), 126.18 (6-24)
FORT LAUDERDALE FM	(-)	FM, 4°, 24.4	Miami
FORT MYERS (Page)	341 (FM)(116.1)	SBRAZ-VDT,38°,3.6	(4), 116.1
KEY WEST	332 (KW)(116.1)	SBRAZ-VDT	(4), 116.1, 122.1
Key West NAS	396 (142.74)	CN, 70°, 5.8	(3);142.74 (sunrise to sunset)
Key West NAS (Seaplane) (RC)	272 (142.74)	CN	3105,142.74 (prior req.)
MASTER OLF (Miami)	382(142.74)	CN	(3); 142.74 (7-sunset)
MIAMI BAY SHORE FM	(- -)	FM, 90°, 6	Miami
MIAMI	365(MMM116.1)	SBRAZ-VDT	(3),116.1
Miami International Arpt.	278 (126.18) (118.5)	AC, 270°, 2.3	(4); 131.9, 126.18, 118.5
MORRISON FIELD (West Palm Beach)	278 (126.18) (118.9) +	C	(4); 118.9, 126.18, 122.5
STOCK ISLAND LFM	(-)	LFM, 70°, 4	Key West
→ WEST PALM BEACH (Morrison Field)	209 (DWZ) (116.1)	BMRAZ-VDT,89°,2.4	(3), 116.1,122.1

S-Simul. Range and Voice. W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Arcadia	2 SE,hwy W	60	30	Trees around fld.
Belle Glade	1 NNE,lake W	17	27 S6	73 oct. No sto. Light acft.
(A) Boca Raton AAF (A)	2 NNW,canal E	13	64h R1 L5 S6	73, 91, 100 oct. Twr SE.
→ Brown (Miami)	10 SW ,RR NW	10	20 S6	80, 91 oct. No sto. Trees E.
Buckingham (Ft.Myers)	10 E,riv SW	25	54h	
Carlstrom (Arcadia)	7 SSE,hwy N	56	53	
→ Chapman (Miami)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. Ocean SE
Clewiston	1.6 SW,RR N	19	30 S6	80 oct. Pole line N, E, S, W.
Conners (Okeechobee)	2.5 NW, RR S	34	50h	
Dorr (Arcadia)	11.5 E,hwy N	74	53	
(N) Forman OLF (Ft. Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE
(N) Fort Lauderdale NAS (N)	3.5 SSW,RRW	10	50h S1	100 oct, Fld avail wkdays prior req
Fort Lauderdale (Oakland Park)	5.3 NNW	14	40h	Trees sur. fld.
Homestead, mun.	2 NE, rd N	8	28 S6	80 oct.
Immokalee Airfield	1.3 ENE,RR W	20	50h	
★ Immokalee Int, 13, TM-MM	5.25 SE,RR SW	23	38 L2	
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91, 100 oct, No sto.
Lake Worth	2 W,hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW,RR E	12	28h S4	80, 91 oct. No sto. Trees SE.
Marathon	1.8 ENE,hwy S	6	100h	
(N) Master OLF (Miami)(N)	8 NNW,RR W	9	74h R1 L5	Pwr line SE.
MEACHAM (Key West)	2.3 E,ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE,bay E	8	25h S6	80, 91 oct. No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X111) (NC)-Not charted. → NEW OR REVISED DATA

AIRPORTS — FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) MIAMI INTERNATIONAL - AAF	5.5 NW,RR S	9	74h R2 L5 S6	91, 100 oct. JP-1. FEE. 2-way radio on req. AIRPORT OF ENTRY.
(N) Miami NAS (N)	10.7 NW,canal N	9	60h L5 S6	91, 100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW,RR E	91	36h	
(A) MORRISON (West Palm Beach) (A)	2 W,canal S	15	70h R2 L5 S5	73-100 oct. FOREIGN CLEARING STATION.
Naples	2 NE,RRs E,W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N)	1.5 NE,RR W	21	40h	(Pompano)
PAGE (Ft. Myers)	4 S,RR SE	18	51h R1 L5 S6	80, 91 oct. Ground traffic
Palm Beach County Park (Lantana)	2 WNW,lake N,E	16	35h L5 S5	91 oct. Fld lgts on prior req after 2300.
(A) Punta Gorda (A)	5 ESE,hwy SW	22	50h	CLOSED
Punta Gorda, mun.(NC)	3 SSE,hwy E	4	24	
(N) Richmond NAS (LTA)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston)	7.6 W,hwy N	19	30h	Use rnwys only.
SARASOTA-BRADENTON (Sarasota)	3.5 NNW,hwy W	24	50h L5 S6	80, 91 oct.
Sarasota, com.	2.5 E,RR S	25	28 S1	80 oct.
Sunny South (Miami)	6 N,hwy N	12	40 S6	80,91 oct.No sto.Rnwy data unver.
Tamiami (Miami)	12 W		35h S4	80, 91 oct. No sto. Data not verified.
(A) Venice AAF (A)	2 S,RR E	15	50h	Pole lines N, E. CLOSED
Venice, mun.	0.5 SE,RR E	20	36 S2	80 oct.
(P) Witham (Stuart)	1.5 SE,RR SW	17	50h S1	
So.Dade Co.(Homestead)	5 E	9	60h L5 S6	87 91 oct. No sto.
Belvedere (West Palm Beach)	2 SW	17	25 S5	

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK; 277°, 10.6	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL ARPT. (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3); 116.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
➔ LOS ANGELES	260(LA)(116.1)	SBRAZ-DTXV	(3); 116.1, L22.1
➔ Los Angeles Airport	272(126.18,118.9)	C (ILS);244°, 3.8	(4); 126.18,118.9,122.5
➔ LOS ANGELES	109.1 (LA)	BVAR	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219 (126.18)	CI	(4); 126.18, 116.1,122.5
SANTA ANA (Navy)	472(NTK)(116.1)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req
SANTA MONICA AIRPORT	272 (126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

COLORADO

AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7
DENVER (9 mi ENE Stapleton)	109.1(DV)(111.1)	VAR-DTV	(3); 131.7
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122 5 ,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Los Angeles, Calif.	109.9	333.8	247° Mag.	IM- (.05)	MM-	OM- (2.45)
					MMK-	OMK-
Stapleton, Colo.	110.3	335	206° Mag.	IM-	MM- ..... (.64)	OM- -- (4.2)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

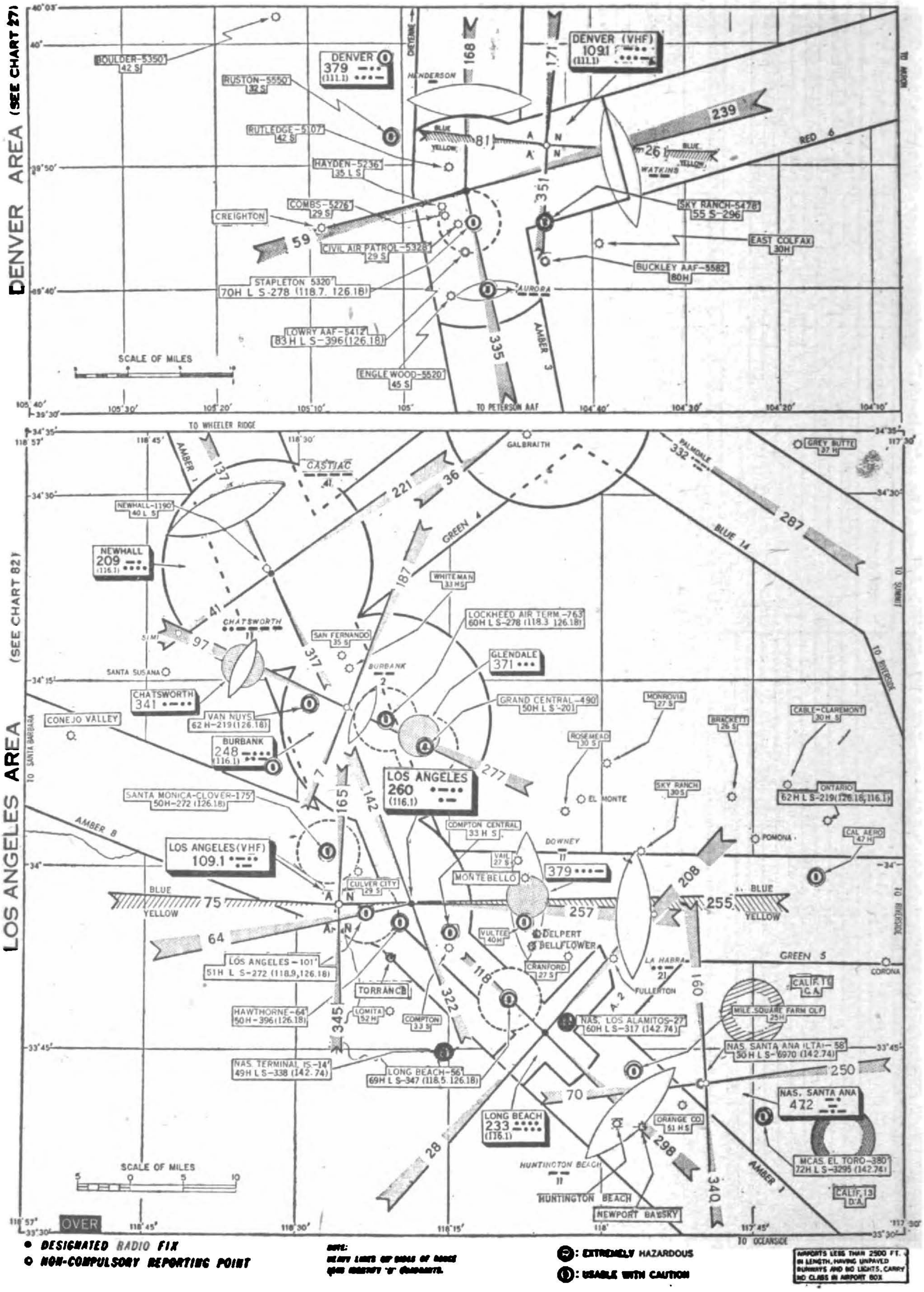
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;riv E	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	80,100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Garden Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
Grey Butte (Victorville)	22 W	3050	37h	Mtns S.
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54		
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91,100 oct.No sto.Two-way radio required.
Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	80,91,100 oct. JP-1. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. (N)
(A,N) Los Angeles (Mines Field)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.ARMY TEMP INACTIVE;CIVIL FACS.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S. (N)
Monrovia	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	58	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No ben. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct.No sto.Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)	2 ENE	14	49h R1 L6 S4	80,100 oct NAFC (N)
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT.NO FACS.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.

COLORADO

(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(A) Buckley (Denver) (A)	12.5 ESE	5582	80h	TMP INACT.NO FACS.(See Special
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct.Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW,
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1.
Ruston (Denver)	10 NNW;hwy W	5550	32 S1	80,91 oct. Pole line W,SW.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct.Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). ➔ NEW OR REVISED DATA.



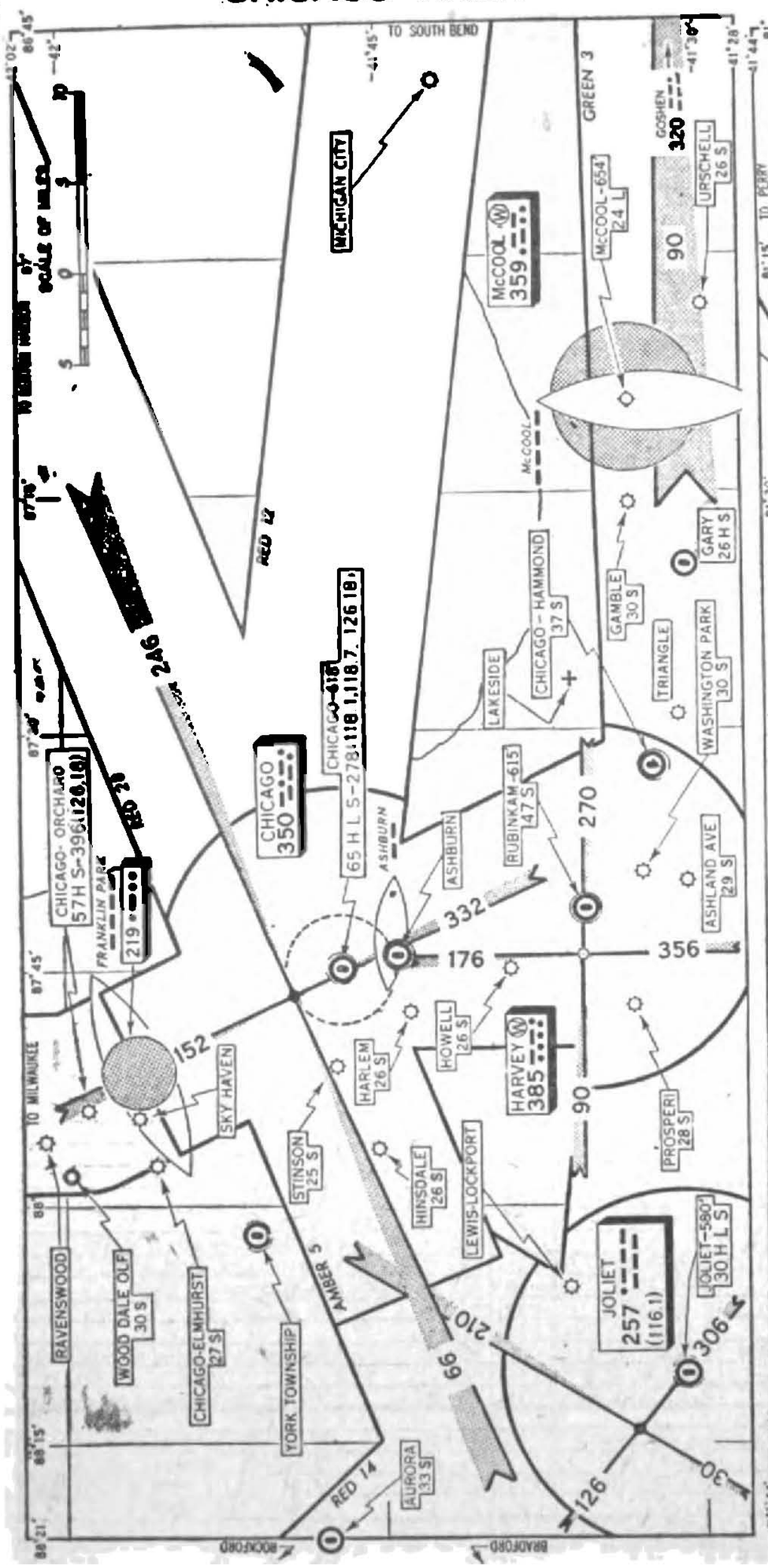
- DESIGNATED RADIO FIX
- NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON EDGE OF CHART QUAD INDICATE "A" CLEARANCE.

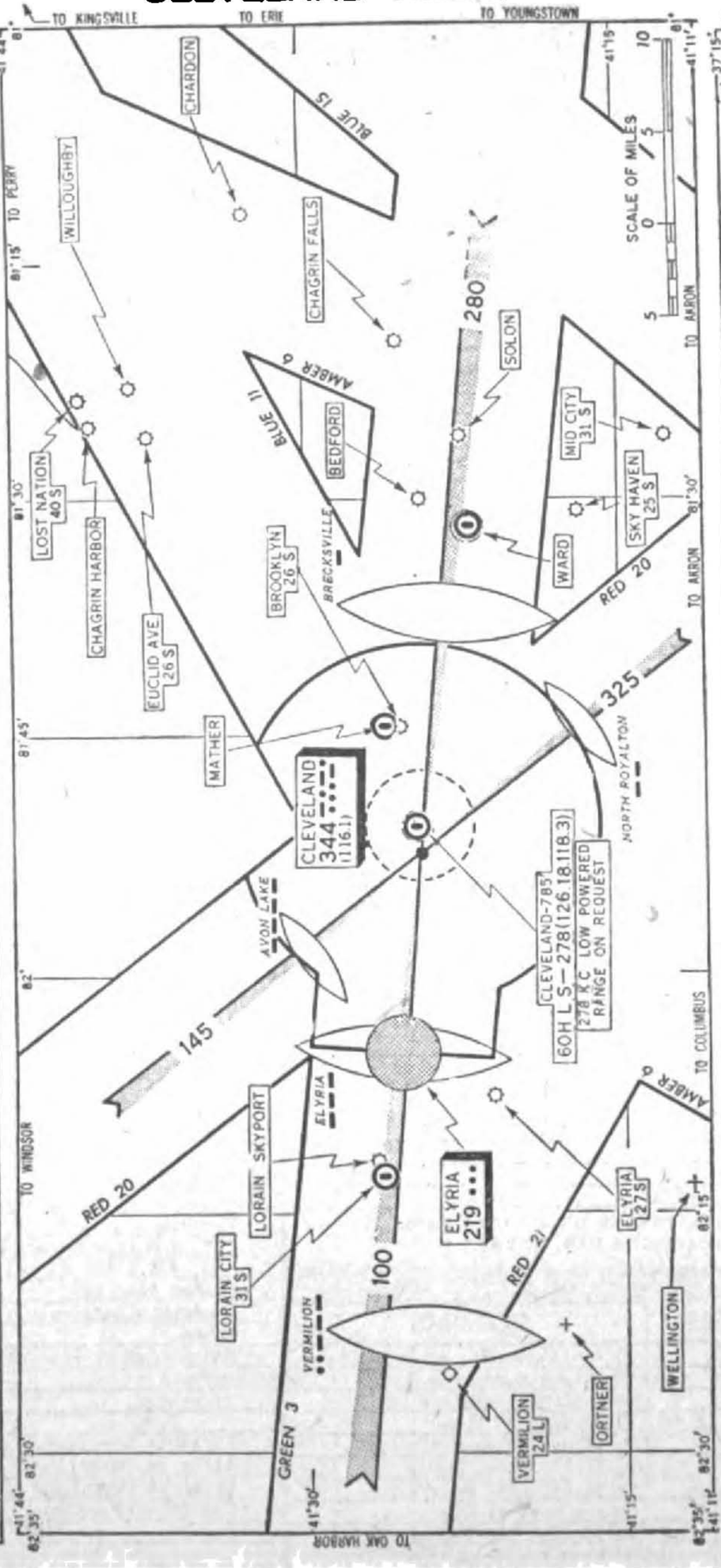
- : EXTREMELY HAZARDOUS
- : USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

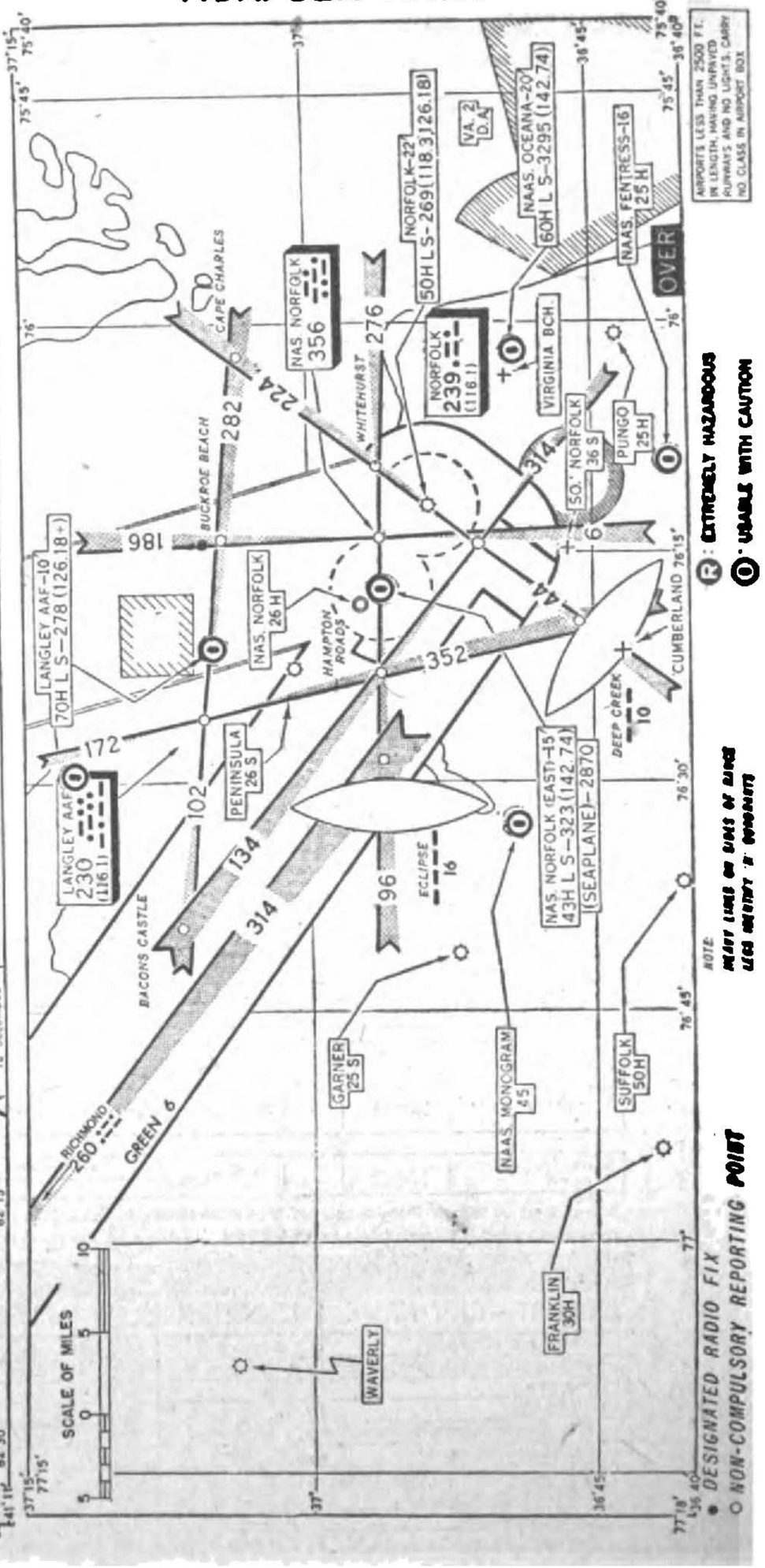
CHICAGO AREA (SEE CHART 35)



CLEVELAND AREA (SEE CHART 38)



NORFOLK AREA (SEE CHART 111)



RADIO			
LOCATION	**FREQ., IDENT.**	**STA. CLASS, BEAR. & DIST.**	**FREQS. GUARDED, HRS. OF OPER., REMARKS**
ILLINOIS			
~~ARGONNE LFM~~	(- -)	LFM,152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX	(3);116.1
Chicago Airport	278(126.18, 118.7,118.1)	AC (ILS);152°,2.2	(4);131.9,126,18.118.7,118.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
FRANKLIN PARK	219 (L)	FMK; 332°, 9.5	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-VDT; 126°,3.7	(4); 116.1
CHICAGO-ORCHARD(Chicago)	396(126.18)	C	(4);126.18
INDIANA			
MCCOOL (Int)	359(ML)	MRZ	(Cont.)
MCCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°,13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-VDTX	(3);116.1
Cleveland Airport	278 (126.18) (118.3)	AC (ILS);100°,0.7	(4); 118.3, 126.18 .131.9
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	230(DLY) (116.1)	SBMRAPZ-VDT	(3); 116.1
Langley Field	278 (126.18) (116.1)+	CA; 102°, 3.5	(4); 126.18 only
NORFOLK	239(NW)(116.1)	SBMRLZ-VDT	(3);116.1
Norfolk Airport	269 (126.18) (118.3)	AC; 44°, 3.4	(4);131.9,126.18,118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS(East Fld)	323 (142.74)	CN(GCA):278°,2.9	(3); 142.74
Norfolk NAS(Seaplane)	2870	CN	2870 (7-17 & on req)
OCEANA NAAS	3295(142.74)	CN	3105,4495;142.74(745-1830)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. on mcs, Compass Locators in bcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO, ILL.	109.9		132° Mag.	IM ·····(.04)	MM	OM --(3.89)
					MMK 201 ···(.71)	OMK
CLEVELAND, OHIO	109.9		54° Mag.	IM ·····(.06)	MM	OM --(4.75)
					MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
ILLINOIS				
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct.Unsafe after rain.
Ashland Ave(Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct.Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE;stack SE.
(N) CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FXE.
Chicago-Elmhurst(Elmhurst	2.5 N;hwy SW	707	27 S6	80,91 oct.Poles S.E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1
(P) Chicago-Hammond(Lansing)	1.5 S;RR N	660	37 L1 S6	73,80oct.Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct.Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73,80 oct. Rolling ground.
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld after 2400
Joliet,22,LS-CG	5 W;riv W	580	30h R1 L4 S4	80, 91 oct.Flood lgts prior req
Lewis-Lockport(Lockport)	2.2 WNW;hwy E	664	26 S6	80,91 oct. Twr SE.Obsts sur fld.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;hwy E	650	18 S6	80 oct. No sto.
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven(Bensenville)	1.5SE;bet RR,rd	650	23 S4	80,91 oct.Use stripe only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct.Pole line S,W.
(P) Washington Park(Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct.Allway area.
Wood Dale (Glenview)	10.5 SW	711	30 S5	80 oct.
York Township(Lombard)	2 SSW;hwy N	726	20 S6	80 oct.Use strips.Pole line N,E.
INDIANA				
Gamble (Hobart)	1.8 NNW;hwy S	650	30 S4	73,80 oct.Obst sur fld.
Gary	6 S;hwy W	610	26h S6	80,91 oct.Trees N,E,S.
★ McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	
Michigan City	4 E;RR N	650	24 S1	80,91 oct.Pole line E,S,W.
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct.Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harb.(Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	73,80,91,100oct.JP-1.FXE. ARPT.
→ Elyria	1.6 SSW;RR NW	745	27 S4	80 oct. Poles SSE, S OP ENTRY
Euclid Ave.(Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
→ Lorain City (Lorain)	2.1 SW;RR N	610	31 S4	80 oct.Pole line NE,SE.No sto.
→ Lorain Skyport(Lorain)	2.8 SW; hwy W	610	29 S4	80,91 oct. P-line S,SE,Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct.Obsts sur fld.
Mather (Cleveland)	5 SW;RR S	760	19 S2	80 oct. Rnwy data unver.
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct.Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct.Data not verified.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80oct.No sto.Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct.Pole line SE,W.
★ Vermilion Int, 28,CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs,pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct.JP-1
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) " NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field.
(N) " NAS (East Field)(N)	6 N;RR SW	15	43h R2 L5 S6	91,100 oct.NATS,NAFC.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct.No bcn.
Peninsula(Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel.No sto.Data unverified.
(F) Suffolk	3.8 SSW;RR E	66	50h	
Waverly	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush sur fld.
Virginia Beach Va.	4.5W;RR,hwy N	15	42 S4	80,91 oct.Pole line N.Data unver.
Lakeside (Gary) Ind.	7.5 W		35 S4	73,80 oct. Unverified.
Triangle (Dyer) Ind.	1.5 NE; RR E	630	33 S2	80,91 oct. P-line S,SE.Bldg W.
Cumberland(Portsmouth)(Va)	7.5 SSW		28 S4	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

RADIO — ILLINOIS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49, 1.8	(4)
MISSOURI			
LAMBERT-ST. LOUIS ARPT. (St. Louis)	278 (126.18, 142.74)	AC (ILS)	(4); 122.5,126.18,142.74
ST. LOUIS (Lambert -St. Louis Arpt.)	209 (LS)	SBRAZ-DTX,256° 2.2	(3)
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK,69°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.
OREGON			
PORTLAND	332 (PD)(116.1	SBRAZ-VDT	(3); 116.1
Portland AAB	278 (126.18, 118.3)+	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland
TEXAS			
ALAMO (San Antonio (San Antonio Arpt)	344(JR)(116.1)	MLZ-VDT; 174°,2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA,322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,122.5,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
WASHINGTON			
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
→ KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC	(4)-118.3,126.18,140.1, 122.5
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS);26°,1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260(SA)(116.1)	SBRAZ-VDTX, 296°, 3.3	(3); 116.1
SEATTLE NAS(Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore. (GCA)
WOODLAND FM	(- - - -)	FM, 331°, 23	Portland, Ore.
STINSON (SAN ANTONIO),TEX.	209	CI	3105.6210

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Lambert-St Louis, Mo.	110.3		238° Mag.	IM- ····· (.06)	MM- ····· (.25) MMK- 201 ··· (.60) OM- -- (4.50) OMK-
McChord, Wash.	109.9	333.8	337° Mag.	IM- (.28)	MM- ····· (.85) MMK- OM- -- (4.44) OMK-
San Antonio Alamo, Tex	109.9	333.8	30° Mag.	IM-	MM- ·-·-· (.58) MMK- OM- -- (4.4) OMK-
				IM-	MM- MMK- OM- OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St. Louis)	7 NNE,lake W	420	32 S6	73 oct.
Parks(E.St.Louis)	4.2 SW,RR SE	410	26 L1	25-75' obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	17h S6	80,91 oct.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.
MISSOURI				
Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis)	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
(N)LAMBERT-ST. LOUIS (St. Louis)	10.8 NW,hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct. Port rnwy lgts. S.
(N)Neubeiser OLF (N).	22 NNW,riv N	438	20h	(St. Louis) Lgt acft only.
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct. Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct. Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct. Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct. Pole line NE,N.
OREGON				
Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.8 WNW,RR E	200	29 S1	73 oct. Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct. Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct. Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW. Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct. No sto. Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct. No sto. SSE.
(A,N) PORTLAND AAB → (A)	5 NNE,riv N	19	55h R2 L6 S6	100 oct; Ltd 73 oct. JP-1 No sto. Pole W, lgtd.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct. No sto. Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct. P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct. Trees NNE,
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.
TEXAS				
Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct. Poles, trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurl (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
Kuehler(New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct. Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct. No sto. P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct. No sto. (A)
SAN ANTONIO MUN.-ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	73,80 oct.
→ Stinson(San Antonio)	6.2 SSE,RR E	567	49h R1	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	
WASHINGTON				
Auburn	1.8 ESE,hwy S	276	20 S6	80 oct. Trees.

AIRPORTS — WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct. Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct. Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	6 S,riv SW	23	75h R2 L5 S6	80-100 oct. No sto. ARPT OF ENTRY.
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct. No sto. Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct. Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct. JP-1. FOREIGN CLEAR STN
Mercer (Bellevue)	4.1 ESE,lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct. Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct. No sto. Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1(L6)S6	91,100 oct.
(N)Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur. fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct. No sto. Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S1	80 oct. Pole line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct. Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct, No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E,S.
→ Wells (Milwaukie, Ore.)	1.3 NE, RR W	158	17 S1	80 oct.

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted) → NEW OR REVISED DATA

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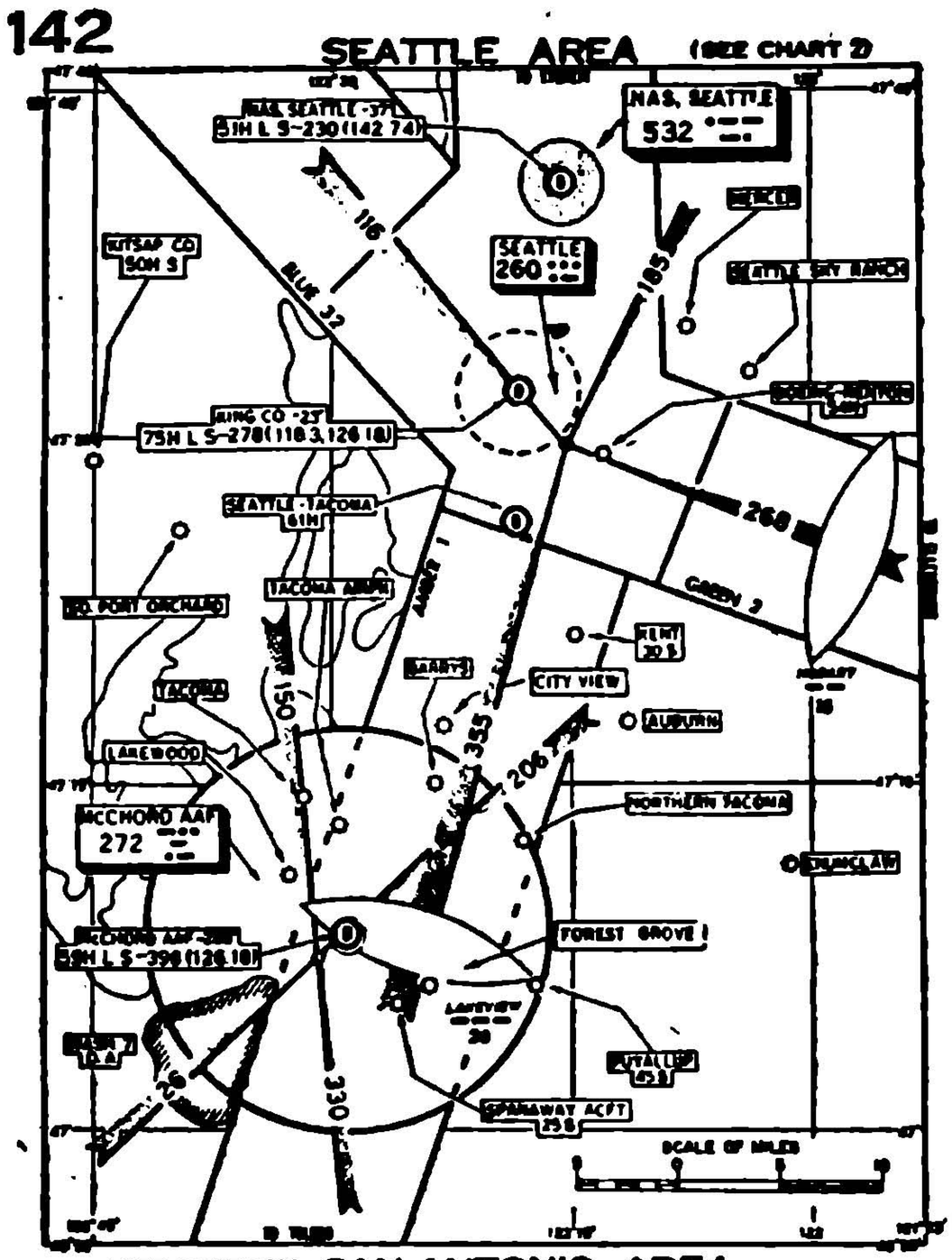

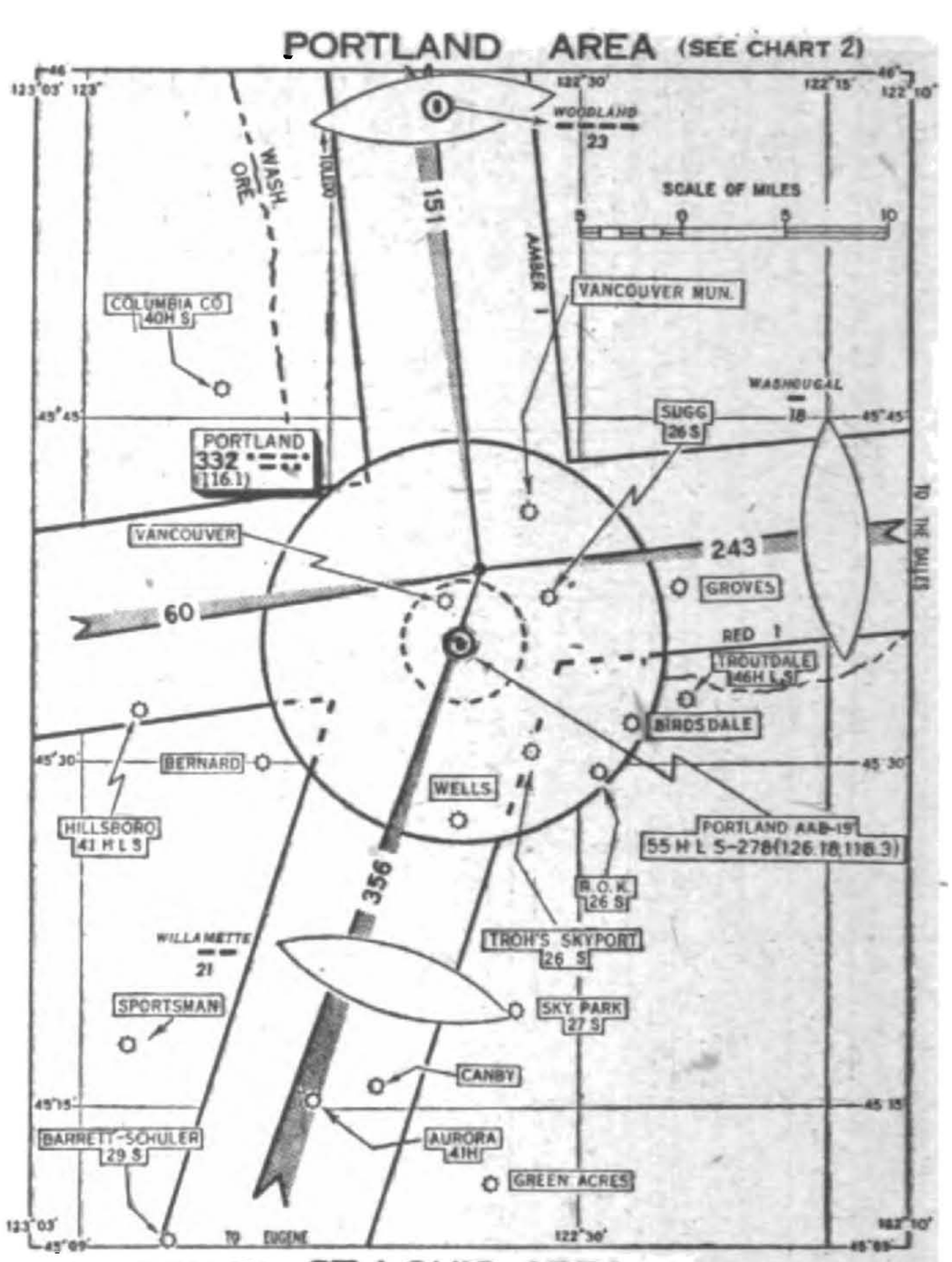

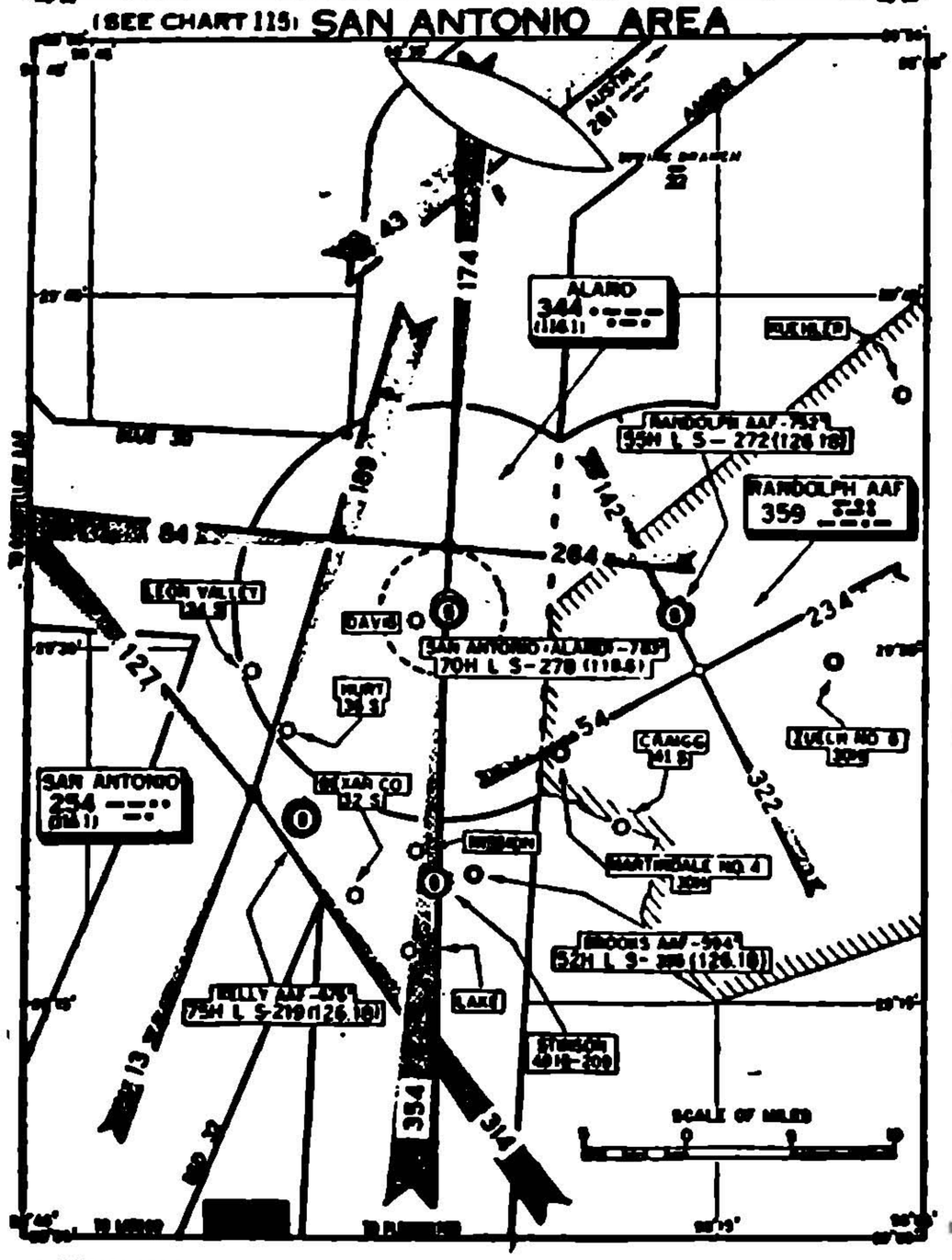

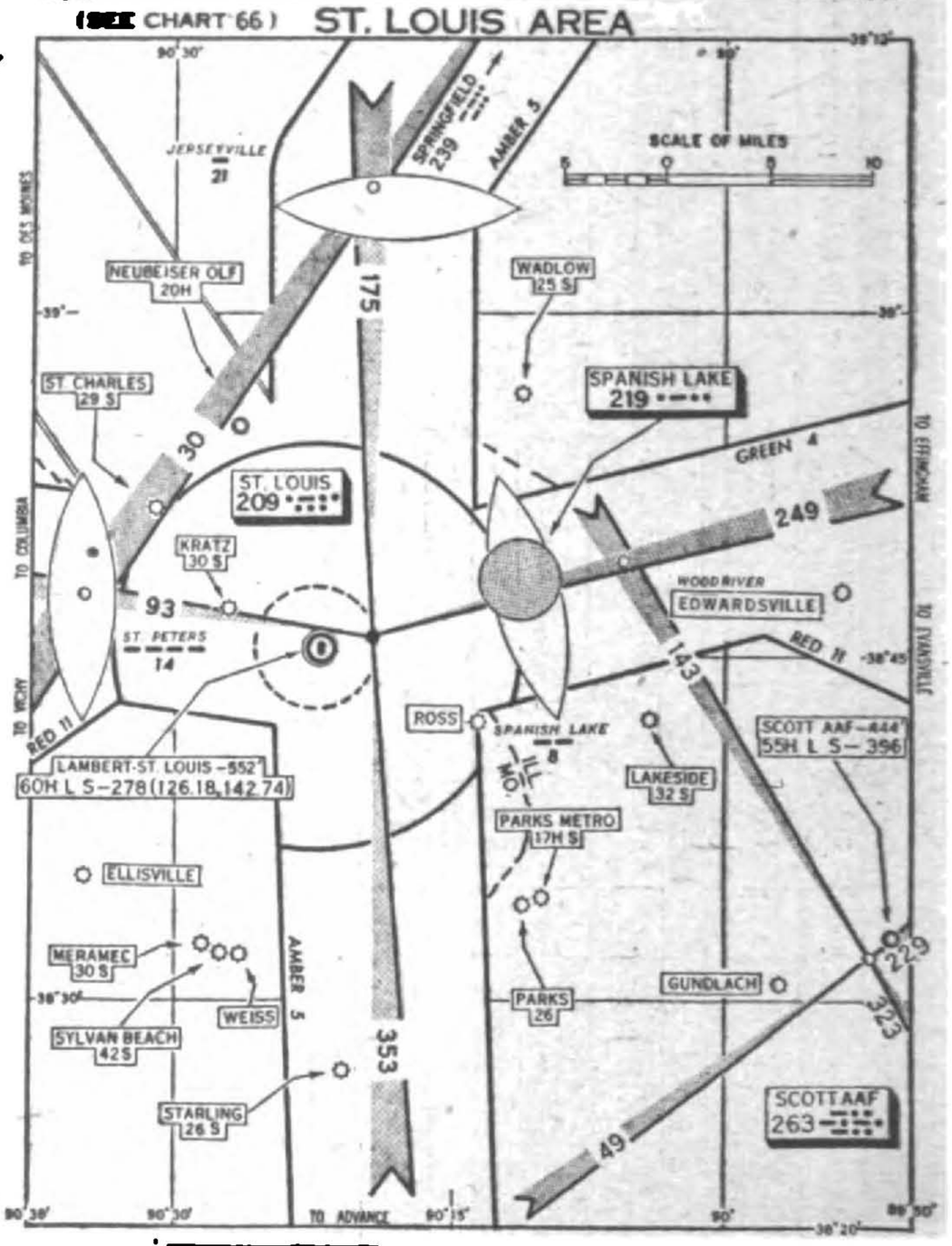

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF NAME BOX INDICATE "G" CORRIDORS.

● : EXTREMELY HAZARDOUS

(!) : USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 141		**FLORIDA**		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch,ARPT OF ENTRY.
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct. Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl L4 S4	87,91 oct. Ramps; all facs.
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S;arpt W	S.L.	Unl S1	90 oct. Ramps;
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
Shreveport, Cross Lake	5 NW	170	100 S4	Fuel; dock. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		MAINE		
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE	200	50 S1	73 oct. Ramp; dock.
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 N	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
(N) Baltimore,Middle River NAF	10 E	S.L.	Unl S6	91,100 oct. Ramp; buoys. (N)
Baltimore	7 S;bay E		Unl L1 S4	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	47	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	2 W	45	50	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat, wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

R-radio facilities. L-lighting facilities. S-servicing (See page xiii) → NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or indexed.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N)New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar.
NORTH CAROLINA				
(G)Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	1 E	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L.	Unl S6	Boat;all facs.Data unver.
Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
Quonset Pt.NAS (Providence)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs. (N).
TEXAS				
Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N)Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N)Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. [Ramps;buoys
(CG)Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N)Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach.; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	586	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
Kingston,Aero Lake(N.Y.)	3 7 SSE;RR W	220	32 S4	80 oct. Trees sur lake.
(N)Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp; all fac prior req.
Orlando,Davis-Big Lake Airview (Fla.)	2.5 NW	80	80 S1	80 oct.Ramp, dock
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.

✓ CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

NOTICES TO AIRMEN

INTRODUCTION

PROCEDURAL STATEMENT: The AIRMAN'S GUIDE no longer has a separate section for the DIRECTORY OF AIRPORTS or the AIR NAVIGATION RADIO AIDS. These two sections are now inserted as data pages between the flight planning charts. To retain the 2-page chart flow, however, the data pages are found on the reverse sides of the charts rather than facing them. On the data pages are tabulated all the data covering the facilities charted on the reverse sides and formerly found in the DIRECTORY OF AIRPORTS and AIR NAVIGATION RADIO AIDS sections. To facilitate reference to a particular facility, an Index of Facility Locations with the parenthetical number of the page on which the locale is charted has been added to the revised AIRMAN'S GUIDE, e.g., Chicago (139). On the back of page 139 will be found the Air Navigation Radio Aids and the Directory of Airports data covering Chicago.

Because of the serious paper shortage every means of reducing the Airman's Guide bulk has been investigated. Codification and considerable abbreviation are already being utilized. No material may be deleted, however, in this paper conservation program because surveys have revealed that subscribers consider all parts of the Guide essential. Consequently, about the ultimate step in this bulk-reduction direction has just been taken. The data pages backing the charts now serve, where possible, as notam pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with (R) (for red flag) symbols on the charts, are now cited in the Notices to Airmen section.

Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication. All changes from the previous issue, whether cited in the Notices to Airmen section or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes. Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted. This is a heavy black horizontal line device.

Space below the heavy black horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data, but new airports and radio aids are listed, necessarily out of alphabetical alignment, below the heavy black horizontal lines until the page is re-typed.

In summation: (a) on the data pages backing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen section, citations covering new or revised radio data are prefixed by one large star "★". Citations covering new or revised airport, or miscellaneous data are prefixed by two asterisks "**"

All temporary conditions (field soft, runway under construction, range course out of alignment, etc) are cited in full until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported.

To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

CIVIL FACILITY DATA: Please advise immediately the Office of Aviation Information, Attention A-250, CAA, Department of Commerce, Washington 25, D. C., whenever temporary conditions covering civilian airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

SPECIAL NOTICES

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civilian fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any army airfields to transient military aircraft for a period in excess of ten days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D.C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviations No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D. C., for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter #96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

✓ POLICY ON ARMY USE OF TEMPORARILY INACTIVE ARMY AIR FIELDS: 1. Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein by the following notice: "Army temp inactive - civil facs". 2. Temporarily inactive Army air fields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein by the following notice: "Temp inactive - no facs". Above policy statement is not to be construed as countermanding any AAF regulations or letters governing command use of municipal airports or Army airfields.

"OFFICIAL BUSINESS" AS APPLIED TO AAF: The term "official business", within the meaning of AAF Regulation 85-2, is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining aircraft clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintining flying proficiency are not considered to be official business within the meaning of this regulation.

AIRPORTS AVAILABLE FOR USE BY MILITARY AIRCRAFT: The attention of Army clearance personnel and of Army pilots is invited to provisions of Section III of Army Air Forces Regulation 85-2, which states in part: "The use by Army aircraft of private airports which have not been leased, purchased, or otherwise acquired by the

✓ Indicates new or revised Special Notice.

Federal Government is unauthorized except in case of emergency or for official visits authorized by an Air Force or Command". This Regulation further states "AAF transient itinerant aircraft may utilize: (a) Government or DLA (development landing area) type airports, subject only to such restrictions as may be listed from time to time in Weekly Notice to Airmen . . . (b) Private airports when legal permits for their limited use are procured by, and filed with the real estate agency of the War Department...". Reference to the AAF Installations Directory, and to the Data Pages as well as the Notices to Airmen section of the Airman's Guide should be made in case of doubt as to the proper use of fields. On the Data Pages, all AAF installations are designated by the prefix (A), Navy by (N) and DLA by (P).

CHANGES IN LISTING PROCEDURE FOR ARMY AIR FORCE AIRFIELDS: In an effort to simplify the use of Airman's Guide within the printing limitations imposed by the Government Printing Office, notices on Army airfields that are closed or temporarily inactive or surplus to Army Air Forces will be carried in the Directory of Airports section thereby eliminating the necessity for checking in more than one section to obtain the correct status of an airport. Minor restrictions such as hours of operation, service, and hazards will continue to be listed in the Notices to Airmen section. The following procedure has been placed in effect in this issue:

(a) The term "CLOSED" will be shown in the Directory section only, for all AAF airfields that are closed to all transient traffic except on official business or in emergency. The legend page of the Directory will give such a definition for "CLOSED". Airports that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the W.A.A. will also be listed as "CLOSED".

(b) AAF airfields that now carry notices of "Army temp inactive - civil facs" or "Temp inactive. No facs. (See Special Notice re use)" will now have such citations in the Directory section only.

RESTRICTION ON FLIGHT OF AAF AIRCRAFT IN NEW YORK CITY AREA: No AAF aircraft except those on scheduled transport operations will be cleared to New York City Area unless point of first intended landing is Mitchel Field, Hempstead, L.I., N.Y. When instrument conditions prevail in New York City Area, no Army aircraft except those on scheduled transport operations will land at or take off from other than Mitchel Field. When contact conditions prevail in New York City Area, aircraft which have been cleared for Mitchel Field but which desire to land at other authorized fields in New York City Area will, when approaching New York City Area, obtain clearance from Olmsted Flight Service Center through normal communication means. For purposes of these instructions, New York City Area is defined as a circle 50 miles in diameter centered on southern tip of Manhattan Island. Contact weather New York Area will be considered to be 2000' ceiling, 3 miles visibility, both day and night. When cloud conditions exist below 2000', flight conditions will be considered IFR.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-6D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with TO 01-230 HB-13 and -14.

*R-5D helicopters No. 43-46643 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Fld.Fla.,Washington National Airport, D.C.; or Westover Field, Mass. ALASKA - McChord Field, Wash.; Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): 1. Departure from AAF Bases. No change. Reference: AAF Regulations 15-23 and 60-22. 2. Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from, the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS airways radio station. In addition to the Flight Service clearance, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA Communication facilities. If Civil Aeronautics Administration Communication facilities, however, are not available, the C. A. A. clearance may be obtained through Flight Service. 3. Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. 4. Change of Instrument Flight Rule (IFR) Flight plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point of first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. 5. CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. 6. IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required, and will then make position reports to AACS airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. 7. Voice Calls. AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". 8. All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index to AACS airways stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of TO 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service
A	116.10 mc.	CAA-AIRWAYS (RANGE STNS) *AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS
C	137.88 mc.	AACS AIRWAYS (PLAN 62) *Control towers.
D	140.58 mc.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL.

*Available for service indicated on a secondary basis.

9. It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.

10. The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA Area	Flight Service Area	Phone No.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Pa.	Steelton 93387 Steelton 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla.	H-4871
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Detroit Cincinnati St. Louis Chicago	Wright Flight Service Center Dayton, Ohio	Osborn 88691, Osborn 88692
Fort Worth San Antonio	Ft.Worth Flight Service Center Fort Worth, Tex.	Fort Worth 77251
Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo.	LD 116 LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 5800 Text 2165 or 2167
Great Falls Seattle	McChord Flight Service Center Tacoma, Wash.	Lakewood 3324

STANDARD NAVY GROUND CONTROL APPROACH FREQUENCY ASSIGNMENTS: Allocations of freqs., both HF and VHF, for Navy GCA use have been coordinated with the AAF. Universal freqs allocated primarily for Navy GCA operational use are as follows: HF Communications - 3475,4890,6640 kcs.; VHF Communications - 134.64,142.02,143.64 mcs. As a safety precaution, Navy GCA Units will also be prepared to control acft on 140.58 mcs., the Navy emergency freq. To provide a means whereby Navy acft may receive assistance from Army GCA Units and vice-versa, the following agreement will govern: (a) Army GCA Units will at all times be prepared to control Navy Acft on 140.58 mcs. (b) Navy GCA Units will be prepared to control AAF acft on 140.58 mcs. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instructions. The pilot will then be instructed as to the proper freq. for contacting the GCA Unit. Navy GCA Operational Units are located as follows: Whidbey Island NAS, Wash., Charlestown NAAS, R.I., Oakland NAS, Calif., Miramar MCAS, Calif., Seattle NAS, Wash., Olathe NAS, Kans., Oceana NAAS, Va., Patuxent River NAS, Md.

IFR CLEARANCE OF ARMY ACFT.: Except as outlined below, no Army acft will be cleared for instrument flight unless such acft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Acft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

LORAN DATA: Loran is a long range electronic navigational aid utilizing pulse techniques. It provides accurate fixes for the user within 1 per cent of his distance from the stations. Loran service is provided continuously twenty-four hours a day. Loran operates on fixed frequencies of 1750, 1850 and 1950 kilocycles. To use Loran it is required that a Loran receiver-indicator be employed and that suitable charts and tables be available to the navigator. The following is a list of Coast Guard and Canadian Loran rates presently in operation: Atlantic: 1L-0,1L-1,1L-2,1L-3,1L-4,1L-7,1H-1 1H-2, 1L-1; West Coast U.S.: 2H-4, 2H-5, 2H-2; Aleutian Area: 1L-0, 1L-2; Central and Western Pacific: 2L-0,2L-1,2L-2,2L-3,4H-2,4H-3.4H-4,4H-5,1L-6,1L-7. Information regarding Loran coverage,rates,frequency, etc., throughout the world is contained in the Catalog of Loran Charts and Service Areas, Hydrographic Office Publication No. 1-L. This publication may be obtained from Hydrographic Office agents located in various cities in the United States or from the Hydrographic Office, Washington, D.C., at a cost of 30 cents. Complete Loran tables are contained in Hydrographic Office Publication Series No. 221, which can be obtained from the same sources at a cost of $3.00 per volume. Loran charts may be similarly obtained. Hydrographic Office Circular No. 3 and the Hydrographic Bulletin (issued weekly) give a list of these agents mentioned above and may be obtained without charge from the Hydrographic Office or any Branch Hydrographic Office. Information on changes or interruptions in Loran service of a temporary nature is sent to CAA for dissemination. Inquiries of an operational nature regarding Loran may be addressed to the Commandant (OAN), U.S. Coast Guard, 1300 E Street,N.W. Washington, D. C.

FOREIGN ENTRY PROCEDURES: Every U.S. citizen traveling abroad, except to Canada, Mexico, Alaska, Hawaii, Puerto Rico, and the Virgin Islands, requires a passport. The following procedures are necessary in order to gain entry, with intention to land, in Canada and Mexico:

CANADA: 1. All departures from the U.S. must be made from Airports of Entry (see next item). 2. If landing is to be made at a designated Canadian Airport of Entry, notice should be telephoned or telegraphed to the collector of customs at the predetermined point of entry when clearing U.S. Customs. 3. If entry is planned at a field other than a customs airport, arrangements should be made with the Secretary, Customs Division, Department of National Revenue, Ottawa, at least 10 days in advance. 4. Pilots and aircraft must be properly certificated and general observance of Canadian air regulations is required. 5. The following is a list of all Canadian Customs Airports of Entry: Whitehorse, Y.T.; Vancouver, B.C.; Calgary, Alta.; Lethbridge, Alta.; Moose Jaw, Sask.; Winnipeg, Man.; Ottawa, Ont. (Island or Malton); Hamilton, Ont.; Windsor, Ont.; Montreal, P.Q. (Dorval); Fredericton, N.B.; St. John, N.B.; Regina, Sask.

MEXICO: Applications for permits may be filed with the nearest Mexican consul who charges a fee of $4.00, or directly with the Department of Civil Aeronautics, Mexico City, Mexico, without charge. The permit will be sent directly to the Airport of Entry named in the application, unless the applicant specifically requests that it be sent to his home address. If entry is to be made from Brownsville, Tex., permission may be received from Representative of Mexican Ministry of Communication and Public Works, Department of Civil Aeronautics, Rio Grande Valley International Airport, Brownsville, Texas. All departures from the U.S. must be made from Airports of Entry. (see next item).

AIRPORTS OF ENTRY: Customs clearance into or out of the U.S. must be secured at Airports of Entry. Since there is insufficient traffic at most of these fields to justify resident customs personnel, advance notice must be sent to the Deputy Collector of Customs of the city in which the Airport of Entry to be used is located. The notice should state the day and approximate hour of exit or entry. Following are the Airports of Entry: International Arpt, Douglas, Ariz.; Nogales International Arpt. Ariz.; Calexico, Arpt, Calif.; Lindbergh Field, San Diego, Calif.; Meacham Fld, Key West, Fla.; Dinner Key Seaplane Base, Miami, Fla.; Miami International Arpt, Fla.; Midet Seaplane Base, West Palm Beach, Fla.; Caribou Arpt, Me.; Presque Isle Arpt, Me.; Detroit City Arpt., Mich.; Romulus AAF, Mich.; Sault Ste Marie Arpt, Mich.; Williamson-Johnson Fld, Duluth, Minn.; Duluth Boat Club Seaplane Base, Minn.; Cut Bank Airport, Mont.;

Great Falls Arpt, Mont.; Havre City-County Arpt, Mont.; Albany Arpt, N.Y.; Buffalo Arpt, N.Y.; Malone-Dufort Arpt, N.Y.; Massena Arpt, N.Y.; Ogdensburg Arpt, N.Y.; Ogdensburg Seaplane Base, N.Y.; Rochester Arpt, N.Y.; Rouses Point Seaplane Base, N.Y.; Watertown Arpt, N.Y.; Grand Forks Arpt, N.D.; Pembina Arpt, N.D.; Portal Arpt, N.D.; Cleveland Arpt, Ohio; Hinde Arpt, Sandusky, Ohio; Put-In-Bay Arpt, Ohio; Eagle Pass Arpt, Tex.; El Paso Arpt, Tex.; International Arpt, Brownsville, Tex.; Warren R. Austin Arpt, Swanton, Vt.; Bellingham Arpt, Wash.; Burlington Arpt, Vt.; City-County Arpt, Port Townsend, Wash.; Felts Fld, Spokane, Wash.; King County Arpt-Boeing Field, Seattle, Wash.; Lake Union Seaplane Base, Seattle, Wash. Baudette Arpt., Minn.

CUSTOMS REPORTS: In making flights TO or FROM a foreign country, civil fliers are required to report to a customs officer. If they do not report, they are subject to a civil penalty of $500.00 for each violation, and any aircraft used in connection with any such violation is subject to seizure and forfeiture, as provided for in the customs laws. On flights from foreign territory, the first landing in the United States is required to be made at an Airport of Entry, unless permission to land elsewhere than at an airport of entry is granted by the Commissioner of Customs, Washington 25, D.C. Consult the nearest customs officer before making foreign flights.

U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: Although the CAA does not require special permission for the flight of U.S. aircraft abroad, or for the delivery of aircraft exported to foreign countries all aircraft must be registered and certificated as to airworthiness, and pilots must hold appropriate U.S. pilot certificates. The single exception to the above is: Special permission must be obtained from the Director, Aircraft and Components Service, CAA, Washington, D.C., for any flight into or through the Panama Canal Zone. In general, permission must be secured from foreign countries for the conduct of scheduled or non-scheduled operations from the U.S. Specific information may be secured from the Aviation Division, State Department. All air carriers must secure operating certificates from the CAA and their operations must be in conformance with these certificates. Although there are no Federal taxes on the exportation of aircraft from the U.S., it is mandatory that a license for such export be obtained from the State Department.

CANADIAN REGULATIONS FOR CFR FLIGHTS: (a) It is compulsory for pilots desiring to conduct a CFR flight to file a flight plan unless the flight will be made within a radius of 25 miles of the point of departure. (b) Arrival messages must be filed by pilot on all such CFR flights.

CANADIAN INSTRUMENT FLIGHT RULE FLIGHT: Pilots are cautioned to conform to the requirements of CAR 60.2 where flight is proposed to be conducted under Instrument Flight Rules from the United States into air traffic control areas designated in Canada. Failure to adhere to these regulations may result in detention of pilots concerned by Canadian Authorities.

PANAMA CANAL ZONE, FLIGHT INTO: Prior to take-off from any aerial port of embarkation of any aircraft flight into, or through, the 200 mile area blanketing the Canal Zone, Commanders of Military Aircraft will notify the CG 6th Fighter Wing, Attention: Fighter Controller, by an information copy of their flight plans. With a view to safety and protection of their equipment and personnel, operators of all other aircraft should follow the same procedure. Responsibility for this notification of flight plans lies with the operator, but notification will normally be transmitted by the clearance authority at the point of departure.

SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan, Puerto Rico, is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D.C. The Commanding Officer NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grande Arpt.

CARIBBEAN AREA-RADIOBEACONS FOR USE WITH ADF: The following Coast Guard Radiobeacons now operate continuously in their assigned sequence, i.e., one minute on, two minutes off, 24 hours daily:

II San Juan 296 . - . . Lat 18-24-14 N, Long. 66-07-03 W
I Goat Island (Jamaica) 304 . . - . Lat 17-53-00, Long. 77-04-14 W
I Trinidad 308 - - - . Lat 10-41-23 N, Long. 61-44-44 W

It is requested that all ships and aircraft using these beacons submit comments to the Commander, 10th Coast Guard District, Arsenal, Marina, San Juan, P.R., as to usefulness with ADF equipment, bearing accuracy obtainable, maximum usable range, ease of identification, etc.

DISCONTINUANCE OF CERTAIN OR ALL OPERATIONS AT CAA COMMUNICATIONS STATIONS: (A) The following communications stns will discont. or have discont. operations (all voice or code communications, weather reporting service, radio receiving watches), except radio range or homing facilities (all H and MH facilities will operate continuously without voice), on the following dates:

McCool, Ind., 12-28-46; Houlton, Me., 1-12-47; Lebanon, N.H., 1-12-47; Dansville, N. Y., 1-12-47; Dunkirk, N. Y., 1-12-47; Glens Falls, N. Y., 1-12-47; Ashley, N.D., 12-28-46; Archbold, Ohio, 12-28-46; Brookville, Pa., 1-12-47; Sunbury, Pa., 1-12-47; Wilkes Barre, Pa., 1-12-47; Providence, R.I., 1-12-47; Alice, Tex., 12-18-46; Clarendon, Tex., 12-18-46; Palacios, Tex., 12-18-46; Yoakum, Tex., 12-18-46; Danville, Va., 1-12-47; Montpelier, Vt., 1-12-47

(B) The following CAA Communications Stns will be shut down or have shut down and all facilities discontinued on the following dates:

Evergreen, Ala., 12-15-46; Gooding, Idaho, 12-5-46 ; Milroy, Ind., 12-28-46; Lamoni, Iowa 1-1-47; Montezuma, Iowa, 1-1-47; Cassoday, Kans., 1-1-47; Coffeyville, Kans., 1-1-47; Warsaw, Ky. 12-28-46; Cadillac, Mich., 12-28-46; St.Ignace, Mich., 12-28-46; Lake City, Minn., 12-28-46; Big Spring, Nebr., 1-1-47; Overton, Nebr., 1 -1-47; Anton Chico, N. Mex., 12-18-46; Socorro, N.M., 12-28-46; Golva, N.D., 12-28-46; Cherry Fork, Ohio, 12-28-46; Port Clinton, Ohio, 12-28-46; Anderson, S.C., 12-15-46; Lane, S.C., 12-15-46; Philip, S.D., 1-1-47; Spearfish, S.D., 1-1-47;
Sulphur Springs, Tex., 12-18-46; Stevenson, Wash., 12-9-46.
Custer, Mont., 12-5-46; La Grande, Oreg., 12-5-46; Ontario, Ore., 12-5-46; Easton, Wash., 12-5-46; Kelso, Wash.; 12-9-46.

N.B. Weather teletype reports will continue to be available at the following stations from Weather Bureau personnel: Stevenson, Wash., Anniston, Ala., Providence, R.I.

NORTH ATLANTIC OCEAN STATION VESSELS: Effective Jan. 15, 1947, the Coast Guard advised that VHF guard on board North Atlantic Ocean Station Vessels was changed from 116.1 to 140.58 mcs.

GUARDING OF 3117.5 KCS BY CAA AIRWAY COMMUNICATIONS STATIONS: All airway communications stations located at points also served by CAA airport traffic control towers discontinued continuous listening watches on 3117.5 kcs. Hereafter, communications stations at these locations will establish watches on 3117.5 kcs upon "request" and during such hous as the associated tower is closed.

NEW PRIVATE FLIER FREQUENCIES: In the near future, all CAA Communications Stations will begin to guard 122.1 mcs and CAA operated towers 122.5 mcs. These are the new freqs. assigned for private fliers' use for Air-ground Communications. Simultaneously, the guard on 131.9 and 131.7 mcs. will be discontinued.

PRE-FLIGHT SERVICE: Pilots desiring to file flight plans are requested to do so with any CAA Airway Communications Station by personally visiting the station or by telephone. Radio should be used for filing flight plans only as a last resort. Pilots are urged to visit communications station to obtain authentic flight information and assistance in planning their flights. Personnel at these stations are trained to render flight planning assistance. An objective of CAA pre-flight service is to encourage pilots to familiarize themselves with flight conditions prior to commencing cross country flight.

NEW YORK OCEANIC AIR TRAFFIC CONTROL PROCEDURES: For the information of those agencies intending trans-oceanic operations in the New York Oceanic Control Area and which are not in possession of PICAO manuals for procedures the following is promulgated: The New York Oceanic Airway Traffic Control Area has been activated in accordance with PICAO directives and New York Oceanic Traffic Control Operations Letter No. 1.

This area is bounded on the N by the 43rd parallel, on the E by the 45th meridian, on the S by the 30th parallel, on the W by a line paralleling the E Coast of the U.S. 100 nautical miles off-shore.

All aircraft operating therein must do so under an approved instrument flight plan, the composition of which follows: aircraft registration, aircraft radio call, type of aircraft, person in command, point of departure, cruising altitude, route of flight, point of first intended landing, proposed true airspeed, transmitting and receiving frequencies, proposed or actual departure time, estimated elapsed time to arrival point, alternate airdrome, amount of fuel in pounds, any other pertinent data deemed necessary for control purposes. Flight plans shall be addressed to New York Ocean Control (preferably through WSY, New York) prior to entering this area.

Position reports transmitted by radiotelegraphy will be composed in the following abbreviated form: the position will be determined as soon as practicable after the first hour of flight and each hour thereafter, and the reports transmitted to the ground station at the earliest opportunity. Standard position reports shall be in the following form: U G G G G Q L L L L Long Long Long Long PD Fox Charlie Tare 1 Tare 2 Tare 3 and Sugar 1 Sugar 2 Sugar 3 How 1 How 2 How 3 Fox 1 Fox 2 Fox 3 Fox 4 Fox 5.

Position report code Uncle, indication by one figure of the system of units utilized according to the following: zero for metric system five for English system. George indication of time given in hour figures based on GMT. Queen indication by one figure of octane in which aircraft is situated according to the following: N lat zero equals 0° to 90°; W one equals 90° W to 180°; two equals 180° to 90° E; three equals 90° E to 0°; S lat five equals 0° to 90° W; six equals 90° W to 180°; seven equals 180° to 90° E; eight equals 90° E to 0°. Love indication of lat. in four figures (degrees and minutes); long. indication of longitude in four figures (degrees and minutes) dropping hundredths degrees. Peter Dog indication by one figure of means used to determine the position according to the following: one equals dead reckoning; two equals single position line; three single radio bearing position line; four equals radio fix; five equals celestial fix; six equals visual or ground fix; seven equals Loran or console fix; eight equals radar fix George Easy Easy; nine equals celestial and radio fix. Fox Charlie indication by one figure, flight conditions according to the following: zero equals visual flight rule at all levels; one equals visual flight low clouds; two equals on top; three equals between layers; four equals medium icing; five equals heavy icing; six equals in and out of clouds twenty five percent IFR; seven equals ditto fifty per cent IFR; eight equals in and out of clouds seventy-five per cent IFR; nine equals continuous IFR. Tare one, tare two, tare three indication of true track in degrees given in three figures. Tare one equals hundredths; tare two equals tenths; tare three equals single unit. Sugar one, sugar two, sugar three indication of ground speed in three figures, sugar one in hundredths; sugar two equals tenths; sugar three equals single unit. How one, How two, How three indication of altitude in three figures. How one equals ten thousands of feet or thousands of meters; How two equals thousands of feet or hundreds of meters; How three equals hundreds of feet or tenths of meters. Fox one, Fox two, Fox three, Fox four, Fox five weight of fuel used given in five figures. Fox one equals ten thousands; Fox two thousands; Fox three hundredths; Fox four equals tenths. Fox five equals single units. Units to be used ground speed; metric system kilometers per hour, English system knots; altitude: metric system tenths of meters, English system hundreds of feet; weight of fuel; English system pounds.

Example message: "Zero one four one five zero three zero four five five three three zero seven two two nine zero three two five one two five zero two four five zero", meaning "at one four one five GMT, position lat. thirty degrees forty five minutes N, long. 53° 30' W Loran or Console determined position - on top - true track 290° - groundspeed 325 M.P.H. - altitude 12,500' - weight of fuel used 2450 lbs."

Position reports should be addressed to New York Ocean Control. Position reports transmitted by radio telegraphy should be directed to WSY if possible. If military aircraft are not equipped to transmit on PICAO frequencies to give their position, reports will be directed to a military air/ground station suitably equipped to relay messages to New York Ocean Control. Publications outlining PICAO procedures for air navigation services are available in Publications and Document Section, Dominion Square Building, Montreal, Canada. New York Oceanic Traffic Control Operations Letter No.1, available New York Airway Traffic Control Center, La Guardia Field.

All flights operating in the New York Oceanic Control Area will be cleared at the following altitudes: Magnetic headings of from 0° to and including 179°, odd thousand foot levels. Magnetic headings of from 180° to and including 359°, even thousand foot levels.

NEW YORK OVERSEAS FOREIGN AERONAUTICAL STATION: Effective Dec. 4, 1946, the broadcast of navigation reports by WSY changed times of transmission and added the frequencies as follows: at 0200, 0400, 0600, 0800, 1000 and 1200 GMT broadcast is made simultaneously on 3380, 8720 and 12395 kcs. At 1400, 1600, 1800, 2000, 2200, and 2400 GMT, broadcast will be made simultaneously on 3380, 5960, 8720, 12395 and 16250 kcs. Form and contents of broadcast remain unchanged. Concurrently, the hourly metar and notam broadcast are transmitted at 55 minutes past each hour between the hours of 0055 through 1155 GMT on 3380, 8720, and 12395 kcs. and between the hours of 1255 and 2355 GMT on 3380, 5960, 8720, 12395, and 16250 kcs. Contents of the metar and notam broadcast remain unchanged. The broadcast at 25 minutes past each hour was discontinued. Comments concerning the effectiveness of the above services will be appreciated.

AIRPORT APPROACH ZONES AND AIRPORT TRAFFIC ZONES CFR MINIMA: Part 60 specifies that CFR traffic within Airport Traffic Zones or Airport Approach Zones must maintain 500' vertical and 2000' horizontal separation from the clouds unless given traffic clearance by the control tower or control center concerned. Even under such clearance CFR flights must remain clear of clouds. These airport traffic zones and airport approach zones are indicated on the Flight Planning Charts of the Airman's Guide, and all recently revised Coast and Geodetic Survey Aeronautical Charts. In the interest of safety CFR flights must maintain the 500' and 2000' minima specified above while in these circular charted zones. (See page VIII of this publication for air traffic control procedures and weather minima).

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers:

1. Discontinue all unnecessary low flying.
2. When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas.
3. Re-route channels of approach and departure to avoid residential and business districts whenever possible.
4. If the airport is located near inhabited areas, reduce power and increase pitch

or propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum.

5. Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

REDESIGNATION OF CIVIL AIRWAYS: Effective January 15, 1947, Part 600.1 of the Regulations of the Administrator was amended to read in whole or in part as follows:
Section 600.10001 Green Civil Airway No. 2 (Seattle, Wash., to Boston, Mass.)... Bozeman, Mont. radio range station; the intersection of the SE leg of Bozeman, Mont. range and the W leg of Livingston, Mont. range; Livingston, Mont. range station..
Section 600.10004 Green Civil Airway No. 5 (Los Angeles, Calif., to Boston, Mass.). . . . Gordonsville, Va. range station; the intersection of the NE leg of Gordonsville, Va. and the S leg of Washington, D.C.; a point at lat. 38-41-50, long. 76-51-47; Millville, N. J. range station, the intersection of the NE leg of Millville, N.J. and the SW leg of Mitchel Field, N.Y. (Army); Mitchel Field, N. Y.(Army) range station; the intersection of the NE leg of Mitchel Field, N.Y. (Army) and the SW leg of Boston, Mass., to Boston, Mass. (Logan) Airport.
Section 600.10101 Amber Civil Airway No. 2 (Long Beach, Calif., to Fairbanks,Alaska). . . . Pocatello, Idaho range station; Idaho Falls, Idaho range station; DuBois, Idaho range station; . . .
Section 600.10237 Red Civil Airway No. 38 (Big Spring, Tex., to San Antonio, Texas). . . . San Angelo, Texas, range station to the intersection of the SE leg of San Angelo, Texas and the SE leg of Bi g Spring, Texas.
Section 600.10244 Red Civil Airway No. 45 (Washington, D.C., to Allentown, Pa.) . . . Baltimore, Md. range station to the intersection of the N leg of Baltimore, Md. and the SW leg of Allentown, Pa.
Section 600.10248 Red Civil Airway No. 49 (Elko, Nev. to Ft. Bridger, Wyo.). From Elko, Nev. range station via Wendover, Utah range station; . . .
Section 600.10253 Red Civil Airway No. 54 (Burley Idaho to Salt Lake City, Utah). From the Burley, Idaho range station to a point located at N lat 40-56 and W long. 112-16.
Section 600.10313 Blue Airway No. 14 (El Centro, Calif.to Bakersfield, Calif.). From Mt. Laguna, Calif. non-directional radio marker beacon to Oceanside, Calif.. non-directional radio marker beacon. . .
Section 600.10319 Blue Civil Airway No. 20 (Millville, N. J., to Allentown, Pa.). From Millville, N. J. range station via the intersection of the NW leg of Millville, N.J. and the SW leg of Philadelphia, Pa., the Philadelphia, Pa. range station...

REDESIGNATION OF RADIO FIXES: Effective Jan. 15, 1947, Part 601.4 of the Regulations of the Administrator was amended in whole or in part as follows:
Section 601.4005 Green Civil Airway No. 5 (Los Angeles, Calif., to Boston, Mass.). Los Angeles, Calif. range station; Riverside, Calif. range station; Blythe, Calif. range station; Phoenix, Ariz. range station; Tucson, Ariz. range station; Rodeo, N.M. range station; Columbus, N. M. range station; Harrington Ranch fan type radio marker station or the intersection of the W leg of El Paso, Tex. and the S leg of Engl e, N. M. range; El Paso, Tex. range station; Salt Falt, Tex. range station; Wink, Tex. range station; Big Spring, Tex. range station; Abilene, Texas range station; Ft. Worth, Tex. range station; Texarkana, Ark. range station; Memphis, Tenn. ragge station; Jacks Creek, Tenn. range station; Nashville, Tenn. range station; Smithville, Tenn. range station; Knoxville, Tenn. range station; Tri-City, Tenn range station; Pulaski, Va. range station; Roanoke, Va. range stn.; Gordonsville, Va. range station; Doncaster, Md. fan type radio marker station or the intersection of the NE leg of Gordonsville, Va. range and the S leg of Washington, D.C. range; Millville, N. J. range station.
Section 601.4017 Amber Civil Airway No. 7 (Key West, Fla. to Caribou, Me.). ...Charleston, S.C. range station; Florence, S.C. range station; Raleigh, N.C. range station; Washington, D.C. range station; the intersection of the NE leg of Washington, D.C. and the W leg of Baltimore, Md.; Newark, N. J. range station.
Section 601.40245 Red Civil Airway No. 45 (Washington, D.C. to Allentown, Pa.). No radio fix designation.
Section 601.40249 Red Civil Airway No. 49 (Elko, Nev. to Ft. Bridger, Wyo.). Wendover, Utah range station.
Section 601.40254 Red Civil Airway No. 54 (Burley, Idaho to Salt Lake City, Utah). No radio fix designation.
Section 601.40314 Blue civil Airway No. 14 (El Centro, Calif. to Bakersfield,Calif.). No radio fix designation.
Section 601.40320 Blue Civil Airway No. 20 (Millville, N. J. to Allentown, Pa.). No radio fix designation.

AIRWAY TRAFFIC CONTROL AREA: Effective Jan. 15, 1947, Part 600.1 of the Regulations of the Administrator was amended to read as follows:
Section 601.1005 Green Civil Airway No. 5 A.T.C. Areas (Los Angeles, Calif., to Boston, Mass.). All of Green civil airway No. 5.
Section 601.10245 Red Civil Airway No. 45 A.T.C. Areas (Washington, D.C., to Allentown, Pa.). All of Red civil airway No. 45.
Section 601.10249 Red Civil Airway No. 49 A.T.C. Areas (Elko, Nev., to Ft. Bridger, Wyo.). All of Red civil airway No. 49.
Section 601.10254 Red Civil Airway No. 54 A.T.C. Areas (Burley, Idaho to Salt Lake City, Utah). All of Red civil airway No. 54.
Section 601.10314 Blue Civil Airway No. 14 A.T.C. Areas (El Centro, Calif., to Bakersfield, Calif.). All of Blue civil airway No. 14.
Section 601.10320 Blue Civil Airway No. 20 A.T.C. Areas (Millville, N.J., to Allentown, Pa.). All of Blue civil airway No. 20.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

PERSONAL POSSESSION OF PILOT CERTIFICATES: Effective Feb. 15, 1947, Part 43.400 of the Civil Air Regulations will be amended to read as follows:

43.400 Pilot Certificates: No person shall pilot a civil acft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

EXCHANGE OF CERTIFICATES: Effective Dec. 24, 1946, Part 20.55 of the Civil Air Regulations was amended to the following: "A private or commercial pilot certificate which was effective on or after Jan. 1, 1942, and which was issued prior to July 1, 1945, will expire on July 1, 1947. Such certificate may be exchanged at any time prior to July 1, 1947, for a pilot certificate and the appropriate ratings provided for in this part".

LOW FLIGHT OVER FUR RANCHES: Numerous complaints have been received regarding low flying over fur ranches. This low flying, especially during mating season, has resulted in very definite dollar and cents losses to fur breeders. They request that pilots avoid flying over their ranches, particularly at low altitudes, stating that the ranches can be identified by the large number of small animal inclosures or pens.

LONG DISTANCE DOMESTIC SCHEDULED AIR CARRIER OPERATIONS: Special Civil Air Regulation 361-A has been amended by extending it until June 15, 1947. The Regulation follows: Flights of scheduled air carriers while at altitudes in excess of

12,500' above sea level E of long. 100° W and 14,500' above sea level W of long. 100° W shall comply with the applicable provisions of the Civil Air Regulations except as follows:

(a) Such flights need not comply with the requirements of Part 60.22 Right-side traffic, Part 61.731 Deviation from Airway, or any other sections of Parts 40 and 61 concerning civil airways.

(b) Such flights need not comply with the requirements of Part 60.252 Traffic clearance, Part 60.253 Communication contacts, and Part 61.602(c) Weather Reports, except to the extent which the Administrator may prescribe.

(c) Each first pilot engaged in these operations shall be qualified for the route if he is qualified for operations over any regular authorized route for the air carrier involved between the regular terminals for such operation.

(d) Each dispatcher who dispatches aircraft on flights authorized by this regulation shall be qualified under Part 61.533 of the Civil Air Regulations for operation over an authorized route for the air carrier involved between the regular terminals of such operations: Provided, that when he is qualified only on a portion of such route he may dispatch aircraft only after coordinating the dispatch with dispatchers who are qualified for the other portions of the route between the points to be served.

DIFFERENTIATION OF NUMBERS ON PARTS 04: Since the Board on Nov. 9, 1945, adopted an entirely new Part 04 of the Civil Air Regulations, and inasmuch as the previous Part 04 will remain effective indefinitely for certain aircraft, some confusion is possible in differentiating the two parts when these parts are referred to merely by their number. THEREFORE, effective Nov. 22, 1946, Part 04 of the Civil Air Regulations as promulgated on November 9, 1945, was amended by changing the number of said Part from 04 to 04b and by altering accordingly all sections contained therein.

INSTRUMENT APPROACH PROCEDURE MINIMA: Part 61.752 of the Civil Air Regulations was amended Jan. 10, 1947, and now reads as follows: "61.572 No instrument approach procedure shall be executed or landing made at an airport when the latest U.S. Weather Bureau weather report for that airport indicates the ceiling or visibility to be less than that prescribed by the Administrator for landing at such airport"

AERONAUTICAL CHART AND PUBLICATIONS CORRECTIONS: (a) Correct Decker's Airport Guide, Page 64, of Zone 5, by deleting all reference to servicing and civilian availability. The field is closed to all fliers.

(b) Correct "TO-06-15-1", Chart 99, by deleting operation of radar beacon at Clovis AAF, N. Mex.; Chart 62, by changing elevation of Pyote AAF, Texas to 2612', Chart 95, by showing air to ground frequency of 4495 kcs CW in operation at Medford, AF, Ore. in addition to other published frequencies.

(c) Correct Great Falls Flight Planning Chart 6 in Airman's Guide, Vol. 1, No. 21, by showing McDonald Pass FM identification as four dashes (- - - -).

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

N.B. AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons coupled with flashing red code lights, indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are C.A.A. facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

★BARIN FLD NAAS EAST AND WEST FIELDS (FOLEY)-RADIO: Navy twr decomm. Jan.9.
**BARIN NAAS-EAST (FOLEY)-No bcn. (1-1) See page 128.
**BARIN NAAS-WEST (FOLEY)-No bcn. (1-1) See page 128.
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft (1-9)
BIRMINGHAM ARPT-Closed to civil. acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No svcg mil acft 2200 to 0600. No maintenance. (1-16)
BROOKLEY FLD (MOBILE)-RADIO: Army DF stn inop. (12-9) FLD: Soft-use rnwys,taxi strips only. No 91 oct. (10-4)
CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.
CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)
CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail., mrkd. (11-2)
COLUMBIANA ARPT-N end strip rough, rocky. (12-16)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (11-12)
DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft). (8-12)
GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
HARTSELLE ARPT-Graded area rough-use E side of strip. (12-3)
HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tenn. River Channel at lat 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to said river; SW along river to point of beginning.
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
MUSCLE SHOALS ARPT-Fuel avail. civil. acft only. (1-20)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. (8-6)
TUSCALOOSA ARPT, SITE 59, FV-AG-Extreme NW end fld soft in wet weather.(12-2)
TUSKEGEE AAF-Closed-emerg use only.
TUSKEGEE INSTITUTE FLD NO. 1 (TUSKEGEE)-Soft spots after heavy rains.(11-2)

ARIZONA

ASHFORK INT, SITE 36A, LA-AQ-Rough. (9-19)

[redacted]

COCHISE INT, SITE T-3, PH-EO-Rough. Tall grass in spots on fld. Ctn when landing and taxiing. (1-18)
COOLIDGE ARPT-Closed-emerg use only.
DAVIS MONTHAN FLD (TUCSON)-RADIO: Soon, CAA twr will estab guard on 122.5 mcs. FLD: E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys. (1-16)
DEEP LAKE INT, SITE 54A, LA-AQ-Soft. E end E/W, N end N/S strips rough. Equip on fld days. (11-11)
ECHEVERRIA FLD (WICKENBURG)-Use rnwys only (parked acft)
**ERNEST A. LOVE ARPT (PRESCOTT)-Lgtd and controlled rnwy indicator tee installed 600' NW rnwy intersection. (1-6)
FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side of fld. (1-9)
FREDONIA ARPT-High weeds, cattle on strips. (9-3)
GILA BEND AAF-Tetrahedron inop. (8-26)
JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. These data rcvd too late for ⓞ symbol. (1-21)
KINGMAN ARPT-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn (8500' MSL) 11 mi S. Rnwy lgts Rnwy 17-35 inop. (7-12)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)
★LUKE FLD (PHOENIX)-RADIO: Army air to ground stn now in cont oper on 137.88, 116.1, 140.58 mcs., 4765, 2862, 4697.5 kcs voice 4595, 8200 kcs CW. (1-15)
FLD: Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy.free-swinging> 11 flash. bcns on White Tank Mtns W of fld discont. (1-17)
MARANA AAF-CLOSED (9-9)
NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.
RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather, parked acft. Washes N edge. (8-8)
SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough). (1-18)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (11-13)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW ARPT-RADIO: CAA twr will be discont about Feb. 1. (1-6)
FLD: E end E/W taxi strip beyond first tie-in closed. NE/SW rnwy lgts dim-not visible on approach. (1-19)

[redacted]

ADAMS FLD (LITTLE ROCK)-Use rnwys only-shoulders soft. Equip. on fld. Closed to trans mil acft 1800 to 0800. (11-6)
EL DORADO-RADIO: VHF range will be comm soon at lat 33-17-00, long. 92-46-00 Freq. 109.1 mcs, ident. "LD" (. - . . - . .) Visual courses: 45°,225°; Aural courses: 135°,315°, courses mag, towards stn. Mag var: 7°E. Stn class: VARW. (12-9)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin. Bldg closed to all acft of 5000 lbs or more. (12-28)
GRIDER FLD (PINE BLUFF)-Closed ngts. (1-13)
HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LITTLE ROCK-RADIO: Effective Dec. 29, stn guards 3117.5 kcs 2300 to 0700.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)
McGEHEE ARPT-Cattle on fld intmtly. (9-6)

[redacted]

McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs. and receives on 4495 kcs only. (9-11) FLD: Use caution when landing and taking off. Crash and fire fighting equip avail. 0900 to 1700 Mon.thru Fri. (12-12)
PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat 34-14-48, long. 91-55-36. Freq. 108.7 mcs Ident "PL" Visual courses: 13°,193°, aural courses: 103°,283°. Stn class: VARW. Mag. var. 7°E.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only (parked acft).
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (11-21)

[redacted]

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip adj to and on rnwys. Fld on positive control. (8-16)
AMERICAN LEGION ARPT (SALINAS)-CLOSED (12-5)
ARCATA ARPT-Closed to acft without 2-way radio unless prior approval rcvd from Stn Director. Incoming acft must file flight plan. Use surfaced areas only. (10-2)
AUBURN PEAK, BCN SITE 103 MI BLINKER-SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-RADIO: 116.1 mc transmitter temp inop. These data rcvd too late for ⓞ symbol. (1-21)
BAKERSFIELD-KERN CO. ARPT (BAKERSFIELD)-Unlgtd 92' pwr line 1/2 mi N of bndry. (11-1)
BELMONT ARPT-Avail. at pilots risk (equip). NW end Rnwy 28 closed. (4-23
BIDWELL FLD (RED BLUFF)-RADIO: CAA twr will be discont about Feb. 1. (1-6)
BLYTHE-RADIO: 116.1 mc transmitter and rvcr temp inop. (1-14)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-RADIO: Intermittent interference from Navy transmissions on adjacent channel of 345 kcs. (5-23)
BURBANK-LOCKHEED AIR TERMINAL-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN. Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. Lgts on approach to Rnwy 7 partially obstructed by trees. 2-way radio required all acft. (8-2)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited. (11-6)
CASTLE FLD (MERCED)-RADIO: Army twr and air/ground stn temp inop. (1-20)
CATES, BEACON SITE 235 MI. BLINKER, SF-SA-Beacon inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (10-26)
CONCORD ARPT-CLOSED EXCEPT IN EMERG. (10-30)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran Upon completion will be 148' high and lgtd. (2-24)
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (6-11)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (12-7)

DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (1-10)
EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min. prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range unreliable, use for homing only. (9-30). Middle mrkr inop. Stn lctn mrkr is used as outer mrkr.(12-11) FLD: First 1000' Rnwy 25, Rnwy 21L open to acft days and CFR opers only; first 1100' rstd. Land over yellow line. (1-7)
GARY FLD (BLYTHE)-Use rnwys only (parked acft)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. (6-1)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right traffic when landing or taking off to the S.W. All flying under supervision of arpt manager at all times. (1-13)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
INDIO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-22)
INYOKERN NAF-Use in emerg only (caretaker status-no facs)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. Closed to acft without 2-way rdo unless prior approval rcvd from Arpt Manager. (12-6)
LIVERMORE NAS-Avail. emerg use only. (10-1)
LIVERMORE OLF-Lgt acft avoid using fld-tall grass and weeds. Avail. heavy acft in emerg only. (1-3)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-Obst lgts atop 165' twr Rdo Stn KVOE 15 mi ESE (107°) true inop. No 91 oct. mil acft. Ltd svcg. No maintenance. Const entire N bndry fld, mrkd. Ctn landing Rnwys 16R, 16L. (12-9)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1).
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300 daily. (7-26)
LOS ANGELES ARPT/MINES FLD (LOS ANGELES)-RADIO: Lclzr and glide path of CAA ILS temp inop. (1-7) Feb. 1, approach control service will be inaugurated. Acft will ordinarily be cleared by the Los Angeles ATC Center to the Downey FM, 11 mi E of the Los Angeles Range stn, to hold between Downey and a point 2 minutes E, until further advised by Los Angeles Approach Control on 260 kcs.(1-11) FLD: Unlgtd oil derricks on approach to Rnwy 34. Rot. bcn unlgtd days. E/W paved strips S side fld avail. taxiing only. N side fld under const. Equip. on fld, N edge Rnwy 7L-25R, N side fld adj Rnwy 4-22 and W side N/S rnwy. All landings, take-offs and taxiing rstd to paved areas Rnwy 11-29, 4-22 closed. Rnwy, taxiing lgts Rnwy 4-22 inop. Obst lgts atop 40' pole 350' S of twr and atop 20' pole 300' E of Rnwy 7L-25R inop. (1-7)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage Area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (8-15)
★MARCH FLD (RIVERSIDE)-RADIO: VHF/DF stn now in oper Mon. thru Fri. Freqs. guarded are: 139.32, 140.58 mcs. only. (4-15) FLD: Rnwy 7-25 clsd -avail. on twr permission only. (1-8)
MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (10-22) FLD: Use rnwys only-mat unserviceable. N/S rnwy closed. (12-6)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (12-26)
**MERCED, MUN. ARPT-Lgts on prior req. (1-6). See page 52. Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MONTEREY PENINSULA ARPT (MONTEREY)-Right traffic pattern in use (11-22)
MT. SHASTA-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-15)
MUROC AAF-RADIO: Army range facs unreliable and to be used for homing and training purposes only. FLD: Lctd within a danger area. 50' equip. near W end Rnwy 6-24. No 91 oct. No facs. 1900 to 0700 or Suns. (10-22)
OAKLAND-RADIO: 116.1 mc transmitter and rcvr temp inop. (9-13)
★OAKLAND ARPT-RADIO: Modernized lclzr on freq 109.9 mcs and Glide Path on freq 333.8 mcs will be comm approx Feb. 15. Glide path component shut down. Bndry and outer mrkr operating but not monitored pending completion const program. (1-13). GCA unit avail. 0600 to 1200 and on 30 minutes notice between 1945 and 0230 daily. (1-13) FLD: Navy acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const mrkd. No gas or maintenance facs avail. 1600 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1600. Closed to civil. acft except on authority Arpt. Superintendent. Rnwy 6-24 avail. lgt acft.-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. (12-3)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Redding, Calif. will be perm. discont. (12-14)
O'CONNELL BROTHERS ARPT. (BRAWLEY)-N/S strip avail. for taxiing only. Strip muddy when wet. (11-5)
ORLEANS FOREST FLD (ORLEANS)-Fence across N end of fld. (8-14)
PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained.(8-21)
**POLLOCK, BCN SITE 222 MI BLINKER, SF-SA-Acetylene blinker 9-1/2 mi SSE Lamoine, Calif. Perm. discont. (1-1)
RAMONA ARPT-Hump in center of strip. Acft at one end of strip cannot see acft at other end. (7-24)
RED BLUFF-RADIO: 116.1 mc transmitter and receiver temp inop. (11-18)
ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
RYAN FLD (HEMET)-N side matted area rough. (5-2)
SACRAMENTO-RADIO: 116.1 mc transmitter and rcvr temp inop. Range flight-checked. Courses correctly aligned.
SACRAMENTO ARPT-Acrobatics, low flying days from flight strip 1000' W of Sacramento Arpt. NW/SE rnwy avail. days. Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (12-10)

SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon.(11-22)
SAN BERNARDINO CO.ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. (11-12)
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5)
SAN FRANCISCO ARPT-Two lines unmrkd white spar buoys 8' above water moored in NW/SE direction along edges of shipping channel adj to easterly side of Seaplane Area and extend SE therefrom. Anchored vessels in shipping channel between lines of buoys. Vessels unmrkd and will be lgtd only as required. Avoid rnwy,taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys,taxiways. Rnwy 14-32 closed. (9-30)
SAN MATEO ARPT-Const. Avail. lgt acft only. (11-1)
SAN NICOLAS ISLAND NAAS-Use in emerg only (caretaker status-no facs)
SANTA BARBARA-RADIO: VHF range will be comm at lat 34-25-40, long. 119-52-26 about Jan. 10. Freq. 108.3 mcs. Ident. "OY" Visual courses: 96°,276°; aural courses: 6°, 186°. (12-18)
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-RADIO: Soon, freq of CAA twr will be changed to 353 kcs. (1-9) FLD: Avail. trans acft with 2-way radio. Closed ngts and to all student pilots. (1-10)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (1-18)
**STOCKTON ARPT-Lgts on req. (1-8). See page 48.
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset (9-4)
TRONA-RADIO: About Jan. 31, rcvg watches, voice fac and teletype service will be discont. Range and stn lctn mrkr will remain in oper. (1-9)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (11-7)
VAN NUYS METROPOLITAN ARPT-RADIO: Mun. twr inop. FLD: Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr.(12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port rnwy lgts avail. ngts in emerg or by prior arrangement. (11-4)
VERNALIS FLD-CLOSED (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (11-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (1-10)

ALAMOSA ARPT-Bcn inop. (1-11)
ANTON-RADIO: Dec. 16, oper of VHF range suspended indefinitely.
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-28)
DENVER-RADIO: 131.7 mcs rcvr temp inop. (1-15)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn fromNov.until April-snow. (10-17)
LOWRY FLD (DENVER)-RADIO: Freq 2936 kcs voice temp inop. (12-23)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between markers only. Heavy const equip on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28, S by lat 38-16-10, W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. (12-19)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (9-11)
ROYAL GORGE ARPT (CANNON CITY)-Don't land to the S (telephone lines). (6-11)
RUSTON FLD (DENVER)-Const. Strips soft during wet weather. (9-20)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Mun. twr temp inop. (12-10)
FLD: Right traffic Rnwys 26,30,36; left traffic Rnwys 8,12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON ARFLD-DENVER ARPT (DENVER)-RADIO: Jan. 6, oper of middle and outer mrkrs suspended for approx 2 wks for installation of low freq compass lctrs. (1-7)
TRINIDAD ARPT-Strips avail. lgt acft. (12-3)
WALKER FLD (GRAND JUNCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (12-2)

BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (1-14)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N end fld and on taxiway between fld and shop. (10-31)
HAMMONASSET FLYING FLD (MADISON)-Rough-not maintained. E/W strip avail. in emerg. Hangars under const. (9-16)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30).
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg. use only. (9-10)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (11-18)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)

NEW CASTLE CO. ARPT (WILMINGTON)-Sod fld within bndrys of rnwys avail. lgt acft. (9-18)

SPECIAL NOTICE: The Administrator of CAA. has designated the Mt.Vernon National Monument a congested area. In accordance with CAR 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat. 38-42-40,long.77-05-30
SPECIAL NOTICE: TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NAT'L ARPT, LAT 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21 mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28,14-32 clsd. Rnwy 17-35 clsd to acft when weather conditions below ctc flight minimums. No JP-1 fuel.Rnwy 2-20 avail. (12-27)
WASHINGTON NAT'L ARPT-RADIO: Following instrument landing minimums have been estab. for all Army traffic except scheduled ATC flights. Day & ngt: Form 8 white card holder 800' and 1 mi. Form 8A green card holder-500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: ARMY: No Army acft will be cleared this fld without personal approval of CG,AAF or Deputy Cmdr excepting those ATC acft on scheduled opers which require Washington Nat'l as Terminal; acft transporting VIP personnel such as Cabinet Members, Asst. Scretaries of War, and other personnel of like importance (for purpose this directive, mil personnel regardless of rank not considered VIP) and those acft based at Washington Nat'l . Army acft landing this fld should taxi to new ATC Term. Bldg N of Admin.Bldg. NAVY: Clsd to Navy acft except NATS.Use Anacostia NAS. In special instances, all of which will will be cleared by Anacostia Twr,Wash.Nat'l.Arpt will be avail.to Navy planes.GENERAL: Clsd to acft without radio. Stay on paved areas-shoulders soft. Equip. on fld. (1-3)

ALBERT WHITTED ARPT (ST. PETERSBURG)-Fld unlgtd-smudge pots avail on 1 hrs notice. Avoid sodded areas, white sand area E of N/S rnwy extending to water (soft). (1-2)

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. (5-2) FLD: Closed to civil. acft days except on prior permission from CO and in emerg-closed ngts except in emerg. S end Rnwy 2-20 under const. Various type acft practicing inst approach operating cont during IFR up to and including 2000' with weather minimums as low as 200' ceiling and 1/8 mi visibility. Air space includes area 20 mi radius from NAS. (10-31)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-13)

BOCA RATON AAF-Port. floods avail. on 15 minutes notice. No 91 oct. Stay on rnwys-shoulders soft. (10-16)

BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

CROSS CITY ARPT-Livestock on fld. (1-20)

DALE MABRY FLD (TALLAHASSEE)-26' bldg erected 900' NW of NW end NW/SE rnwy, lgtd. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-8)

*DELAND-ORANGE CITY (ORANGE CITY)-ABANDONED (1-15)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to radio rcvr-equipped acft tuned to twr freq. (6-28)

EGLIN FLD (VALPARISO)-RADIO: Army ILS sys temp inop. (1-6) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS-EAST & WEST FLDS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)

FORMAN OLF (FT LAUDERDALE)-Use in emerg only (caretaker status-no facs).

FORT LAUDERDALE-Obst lgts atop N twr Radio Stn WGBS 8 mi W inop. (9-23)

FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

FORT MYERS-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-18)

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (9-18)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (5-26)

HOEQUET ARPT (ORLANDO)-S half E/W rnwy avail., mrkd. (3-20)

JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (1-14) Neon approach lgt sys will be comm soon. Lctd SW end NE/SW rnwy consisting of a green course lgt lctd approx 100' from SW end NE/SW rnwy and SW in 14 stns. Will operate cont ngts and days when IFR prevails and at any other time on special req to twr. (12-21)

JACKSONVILLE NAS-Closed to ngt seaplane opers. Trans acft desiring ngt landing facs notify Jacksonville NAS 12 hrs in advance. Equip on fld days. (9-19)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (8-19)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500' Prevailing wind E to SE. (10-26)

LEE OLF (GREEN COVE SPRINGS)-Closed except in emerg and off. flights. Avail. on 24 hrs advance notice to CO, NAS Jacksonville. (1-26)

**LEESBURG AAF-No lgts. (1-8) See page 133. CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE, COMMAND OR HIGHER AUTHORITY OR IN EMERG.

MacDILL FLD (TAMPA)-Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. (12-26)

MARIANNA ARPT-Equip. on fld days. Mrkd hole Rnwy 8-26. Rnwy 4-22 closed. (10-10)

MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip.,parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32 and 36 to intersection closed. (9-27)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(11-6)

MELBOURNE-RADIO: Aligned by ground check only. (1-18)

MIAMI INTERNATIONAL ARPT-AAF (MIAMI)-Domestic non-scheduled acft taxi to old Army Term. Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Term. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intmtly days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. No svcg for mil acft except in emerg or maintenance,trans Army acft 2400 to 0600. (1-10)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

MORRISON FLD(WEST PALM BEACH)-N/S rnwy closed. (12-11)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

NORTH POMPANO OLF (POMPANO)-CLOSED (no facs). (1-24)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. N o 91 oct. No Army maintenance Sats and Suns and from 1700 to 0800 daily. (10-9) Radio controlled target ship in Pinecastle area 6 mi S of Orlando 0800 to 1200 daily Mon thru Fri. (7-1)

PAGE FLD (FT. MYERS)-NE/SW, NW/SE rnwy lgts, tetrahedron inop. Use E/W rnwy only at ngt. (1-18)

PENSACOLA ARPT-Ext Navy train. throughout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD (PENSACOLA)-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 341° NNW. Disposition Delivery acft land at NAAS Ellyson Fld. Pilots desiring to land at Chevalier Fld contact Pensacola Navy Twr before entering traffic pattern. (8-22)

**PETER O. KNIGHT ARPT (TAMPA)-Rnwy lgts avail on 1 hr notice bet sunset and sunrise (1-9) See page 133 Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

PINELLAS CO. MASTER ARPT (ST. PETERSBURG)-RADIO: 118.3 mc transmitter unreliable. (1-20)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).

RIDDLE FLD (CLEWISTON)-Heavy acft avoid lgt bar and rod steel mat. Twr oper only during scheduled flying. Unsafe areas partially mrkd days, unmrkd ngts. Cloud flying when clouds broken to overcast during daylgt hrs in area bounded by lat 26-27, lat 26-43, long. 80-50, long. 81-27. Use rnwys only. Grass areas flooded most of summer. (7-27)

[redacted]

**SPRUCE CREEK (DELAND)-ABANDONED (1-15)
STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)
TAYLOR FLD (OCALA)-Use rnwys only. (5-8)
TITUSVILLE-COCOA ARPT (TITUSVILLE)-Hangar under const. (9-10)
WEST PALM BEACH-RADIO: Range flgt-checked Dec 21, N course 3°E, bear. 182° E course 3° N, bear. 266°, S course 3°E, bear. 356°. (12-30)
**WHITTING FLD NAAS-NORTH (MILTON)-Redesignated as Whiting Fld NAS. (12-18) See page 128.
WHITTING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6'' sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)
**WHITTING FLD NAAS-SOUTH (MILTON)-Redesignated as Whiting Fld NAS. (12-18) See page 128

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ALBANY ARPT-Use rnwys only. (11-8)
ALMA ARPT, SITE 43, MM-AG-40' hangar under const N edge NW/SE rnwy. (11-16)
**ASHBURN ARPT-New fld. Lat 31-41-00, long. 83-38. (1-9) See page 125
ATHENS ARPT-Bndry, bcn lgts inop. (8-10)
ATLANTA AIRPORT-RADIO: Middle marker of CAA ILS letd 3600' SE of SE end NW/SE rnwy, keyed with alternate dots and dashes will be comm soon. Outer marker will be relctd 4.5 mi SE of SE end NW/SE rnwy. (9-19) FLD: Const, equip. on fld intmtly. Use rnwys ngts. Closed to HB and VHB acft. Army temp inactive-civil. facs. Trans Army acft use Marietta AAF. Twrs of Radio Stn WSB 12 mi NE being dismantled, lgtd. (11-12)
ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)
BOWERS ARPT (BAINBRIDGE)-CLOSED (high weeds). (8-14)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)
COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)
COOK CO. ARPT (ADEL)-Lgts inop. (1-17)
GLYNCO NAF- LTA-RADIO: Navy twr temp closed operates on call on one hrs notice. FLD: Tetrahedron temp removed. (10-11)
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)
JONESBORO-RADIO: Compass lctr shut down until approx Jan 16 for relctn at the outer mrkr site of ILS. (12-27)
KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)
LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2 and 32. Right hand traffic Rnwys 14, 20, 27; left hand on Rnwys 2, 9, 32. (12-16)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (8-6)
MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.
ROCKY FORD FLD NO. 1 (VALDOSTA)-Closed-emerg use only.
SOUTHER FLD (AMERICUS)-Use strips only-parked acft.

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SPENCE FLD (MOULTRIE)-Use rnwys only. Rnwy lgts inop. (12-21)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn. temp. inop. (11-20) FLD Use rnwys only. Use Rnwys 14L, 32R, 4L, 22R only.
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (8-14)
VALDOSTA ARPT-Closed-emerg use only.

IDAHO

BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail. for emerg use only. (5-7)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (11-9)
GOODING ARPT-New-Use rnwys only-sod unsafe (erosion). (9-20)
GOWEN FLD (BOISE)-Use rnwys, taxi strips only-shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million candle pwr ceilometer 1000' NNW arpt bcn. (12-11)
IDAHO CO. ARPT (GRANGEVILLE)-NE/SW strip under const. (9-19)
MALAD CITY-RADIO: Soon commun stn will be reactivated reestablishing teletype weather reporting services and scheduled weather bdcasts and voice facs on 314 kcs, plus rcvg watches on 3105, 3117.5, 6210, 4495 kcs. (12-31)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. (11-19)
POCATELLO AAF-RADIO: Army air to ground stn. temp. inop. (11-20)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (11-5)
★STREVELL-RADIO: Stn recomm. Jan. 13. See page 24. Hourly weather reporting service avail. (1-13)

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ALBERTUS ARPT (FREEPORT)-Const. Equip. on fld. (10-29)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. (7-25)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (12-3)
CASEY ARPT-S 1000' N/S strip being graded. (10-31)
CHANUTE FLD (RANTOUL)-Ltd parking. (10-28)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (9-23)
★CHICAGO ARPT-RADIO: CAA twr now guards 3105, 4495, 6210, 3117.5 kcs, 131.9 126.18, 118.7, 118.1, 122.5 mcs. (1-21) These data rcvd too late for inclusion in "ANRA" FLD: NE/SW rnwy closed, unlgtd (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg on arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. All numerals and letters on Rnwys 13L, 13R lgtd ngts. Hangar under const N side fld just E of NW corner. Ctn when taxiing. Covered ditch adj Rnwys 27L, 31R, mrkd. Ditch on E side Rnwy 36R, mrkd. (12-6)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (11-8)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (11-26)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)

EFFINGHAM INT, SITE 10, LS-ID-Unsafe (soft). (1-14)
GALESBURG ARPT-Crash and fire fighting equip. avail. 0800 to 1600 Mon thru Fri only. (9-23)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (9-6)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. 10' unlgtd antenna erected 1000' S of N end N/S rnwy and 250' E of centerline N/S rnwy. (12-23)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges (11-12)
RUBINKAM ARPT (HARVEY)-Reduced in size. Ditch marks E bndry. N, S, W bndrys unchanged. (11-12)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
★SCOTT FLD (BELLEVILLE)-RADIO: Army air to ground stn now in oper on 137.88 116.1,140.58 mcs; 4765,2936,4630 kcs., voice, 4595,8200 kcs CW. (1-15)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy unusable, mrkd. (8-16)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

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AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
★BAER FLD (FT. WAYNE)-RADIO: Army twr decomm. These data rcvd too late for inclusion on Flight Planning Charts, in "ANRA" and Directory of Airports. Army ILS (CAA type) temp inop. (10-24)
★BENDIX ARPT (SOUTH BEND)-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 126.18,118.3,122.5 mcs. (1-17). These data rcvd too late for inclusion in "ANRA". FLD: Equip. on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Const. (9-26)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. E/W rnwy closed. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. (9-19)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' strip under const-usable with ctn. (9-16)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Trans acft use rnwys only. (12-22)
EVANSVILLE ARPT, old-Use rnwys only. Equip. on fld days. (1-18)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn when landing or taking off. (1-14)
GOSHEN ARPT-Ctn during thawing weather. (1-17)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (8-28)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs., 126.18 mcs, receives on 3105,4495,6210 3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (Holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclzr course keying "U" tone 3000 cycles temp inop. (11-22)
INDIANAPOLIS ARPT-RADIO: CAA ILS not monitored. (1-7). FLD: Use rnwys only-soft. No crash equip. Mil pilots register with registrar in Admin Bldg Lobby, trans acft at City Desk in Terminal Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. Tetrahedron being installed in triangle between NE/SW, NW/SE, E/W rnwys-temp uncontrollable. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (1-21)
McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (7-27)
MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21). These data rcvd too late for Ⓡ symbol.
MORGANTOWN-RADIO: FM on S course of Indianapolis Range will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (8-31)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE strip avail. with ctn (const). (7-3)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Continue to taxi straight to end of fld then taxi to within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Left traffic pattern. Const areas mrkd. (8-27)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Ltd svcg facs trans acft. Crash equip, base opers avail. 0800 to 1700. Lgts on prior req. (1-20)
VETERAN'S ARPT (BLOOMINGTON)-Strips rough. (7-30)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (8-16)

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AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (9-23)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. Soft in wet weather. (11-5)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER AIRPARK-Strip rough and rolling. (5-22)
HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)

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MASON CITY ARPT-Landings and take-offs rstd on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)
MONTEZUMA-RADIO: See Special Notice, page 148.
OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg Army facs avail. 0800 to 1700 daily. (12-26)
WINTERSET ARPT-Rough and rolling. (2-28)

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ALLMAN ARPT (LENEXA)-Use strips only. (9-12)
BEECH ARPT (WICHITA)-Use rnwys only during damp weather. (11-4)
CASSODAY-RADIO: See Special Notice, page 148.
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (10-11)
CHANUTE ARPT-Bcn inop. (1-19)
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking ramp. (1-17)
DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
FORT RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY AAF-Ctc Garden City Radio for landing information ngts. Svcg, opers avail. 0800 to 1600 Mon thru Frj only. Closed ngts. (10-22)
GOODLAND-RADIO: Dec 16, oper of VHF range suspended indefinitely.
GOODLAND ARPT-Rnwy sides soft when wet. (9-20)
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. (1-18)
HUTCHINSON NAS-CLOSED (no facs). (11-25)
INDEPENDENCE AAF-Only N/S rnwy near ramp avail. Svcg, opers avail. 0800 to 1630 Mon thru Fri only. Closed ngts. (10-22)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (9-17)
LAWRENCE ARPT-Center fld, taxi areas unusable, soft. Use rnwys only in dry weather. (8-16)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (10-23)
MORLAND-RADIO: Dec 16, oper of VHF range suspended indefinitely.
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only-no facs.
OLATHE OLF NO. 4-Use in emerg only-no facs.
OLATHE OLF NO. 7-Use in emerg only-no facs.
OLATHE OLF NO. 9-Use in emerg only-no facs.
SALINA-RADIO: Dec 16, oper of VHF range suspended indefinitely.
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (12-13)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (1-7)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA-RADIO: Dec 16, oper of VHF range suspended indefinitely.
WALDO-RADIO: Dec 16, oper of VHF range suspended indefinitely.
WICHITA ARPT-RADIO: About Jan 22, oper of outer mrkr will be temp suspended until approx Feb 5 for installation of low freq compass lctr. (1-3). FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Taxi strip W side fld closed. Lgts on Rnwy 18R-36L inop. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (11-15)

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ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (10-15)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (10-13)
BOWLING GREEN ARPT-Red obst lgts NW end NW/SE rnwy inop. Const. (11-16)
BOWMAN FLD (LOUISVILLE)-Green approach lgt Rnwy 24 inop. (1-8)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail; use Smyrna AAF, for refueling and maintenance. Opers closed 1630 to 0800. (11-29)
GODMAN FLD (FORT KNOX)-RADIO: Army range now operating reliably, maximum pwr only 25 watts. (10-17). FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
★GREATER CINCINNATI ARPT (COVINGTON)-RADIO: CAA twr relctd from Lunken Arpt, Ohio. See page 69. Approach control transmitting on 335 kcs. (1-10). CAA ILS comm Jan 10. See page 69. FLD: Obst 600' due S Admin Bldg. (12-11)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
**PADUCAH-McCRACKEN COUNTY APRT (PADUCAH)-Clear and green rot. bcn placed in cont oper Jan 3. (1-7). See page 104. Class: 40h L1 S6.
STANDIFORD FLD (LOUISVILLE)-Bndry, rnwy lgts inop. Tetrahedron unlgtd, free swinging. (5-25)

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ALEXANDRIA-RADIO: Range flgt-checked Jan 20, courses correctly aligned.
BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (CAA type) temp inop. (1-15) FLD: Liaison type acft land Rnwy 14R-32L. Extensive training, heavy glider traffic. GCA unit on right and left hand side of center rnwy, lgtd. (1-6)
COTTON VALLEY ARPT-E/W strip closed.
CROSS LAKE SKY HARBOR (SHREVEPORT)-Obsts in seaplane area-ctn when landing. (1-6)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd. with white flags.
HOUMA NAS- LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop. (11-14)
JENNINGS ARPT-Use strips only in wet weather. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. (5-17)
LAFAYETTE ARPT-Avail. days only. Use rnwys only. (7-4)
LAKE CHARLES AAF-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS Operates during cloudy conditions. (12-17)
★MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 126.18,118.3,122.5 mcs. These data rcvd too late for inclusion in "ANRA". CAA ILS lclzr and glide path inop. (1-6) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way radio except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. NE/SW rnwy closed (repairs) (1-6)
MONROE-RADIO: Ground-checked only. (1-5)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. (4-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Equip. on fld days. Non-radio equipped acft use extreme ctn. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (11-9)

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SELMAN FLD (MONROE)-Obst lgts atop twr, hangars, floodlgts atop poles W side fld inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (11-8)

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AUGUSTA ARPT-Rnwys 3-21,12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (1-15)
BRUNSWICK NAS-Closed to all but off flights (caretaker status-no facs)
DOANES ARPT (BREWER)-Avail. ski-equipped acft only during winter. (1-6)
DOUGLAS FLD (BRUNSWICK)-Avail. emerg only. Right traffic when wind from the S. (8-28)
★DOW FLD (BANGOR)-RADIO: Army assumed oper of Former CAA twr Jan 15. See page 17. Lclzr of CAA ILS ground checked only. (12-30) Army air to ground stn temp inop. (11-20). FLD: E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest true heading rather than mag. heading. (12-10)
HOULTON-RADIO: See Special Notice, page 148.
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.
MILLINOCKET ARPT-NW/SE rnwy closed from intersection to NW end. Bndry and ctc lgts relctd accordingly. (12-10)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (11-12)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-18)
PRESQUE ISLE AAF-RADIO: DF stn temp inop. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 percent at each freq. (1-6) FLD: Rnwy 16-34 closed. Ctc lgts Rnwy 1-19 inop. (1-16)
RAYMOND'S ARPT (PHILLIPS)-NW end NW/SE strip soft beyond flagged area. (10-7)
SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)
WESTON FLD (MADISON)-Avail. emerg only. (8-29)

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★ANDREWS FLD (CAMP SPRINGS)-RADIO: Army range comm Jan 15. See page 77. VHF/DF stn now in oper on 139.32 and 140.58 mcs. (1-16)
BALTIMORE ARPT-No crash equip. Use rnwys, taxi strips only-other areas soft. 2 cranes 20 and 40' high operating approx 250' S, SW of Rnwys 32, 27. Const, equip. on fld. Rdo rqrd between sunset and sunrise. (1-14)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
CHESAPEAKE BAY-Mines being dropped over-water immediately ESE of Cove Point at lat 38-21-12, long. 76-19-18, from alt of 20,000'. (11-25)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penn RR. High alt bombing E and S. Stay on concrete. (2220)
ERCO ARPT (RIVERDALE)-Gen fld const, however, one strip always avail. (9-20)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (10-5)

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HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (9-20)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-N/S rnwy closed (const). NE/SW rnwy and black-topped taxiway avail.-unsuitable for acft heavier than twin-engined type. (10-8)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. (10-31)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches, equip. adj taxiway parallel to Rnwy 2-20, ditches adj Rnwy 9-27, mrkd. Equip. on fld. Rnwy 9-27 being repaired. (10-14)
PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. Mo maintenance or RON. Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld; firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

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**AYER ARPT-Will hereafter be carried as Fort Devens AAF at Ayer, Mass. (1-10) See page 45.
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. E/W rnwy closed ngts. Use rnwys only until Mar 11-high snow banks.(1-11)
BEDFORD AAF-Two of three 435' twrs 3.5 mi SW (245° true) completed. Temp lgtd with 1000 watt non-flash. lgts. (11-2)
BOSTON-RADIO: FM will be comm soon at Dedham, Mass lctd at lat 42-15-59, long. 71-10-07, on SW course 14.4 mi from range stn. Ident, two dots, three dashes (. .- - -). Bear. and dist, range stn to FM: 238°, 14.4 mi. When Dedham FM is comm, ident of Franklin, Mass FM will be changed to three dots, three dashes. (. . . - - -). (12-10)
BOWLES ARPT (AGAWAM)-High grass. Ltd maintenance. (6-6)
BROOKFIELD'S ARPT-Ctn-Steep grade at SE end. (9-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. ski-equipped acft only. (1-8)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16). Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid.

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MARLBORO ARPT-Fld not maintained-avail. emerg use only. (9-9)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)
MYRICKS ARPT-Wires on S end N/S strip. (11-20)
OTIS NAAS (FALMOUTH)-Use in emerg only (caretaker status - no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (8-27)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (1-2)
★SOUTH WEYMOUTH NAP-RADIO: Navy range decomm Jan. 13. FLD: 50' lgtd antenna pole 2200' from S edge landing mat. (11-15)
SPRINGFIELD AIRPORT-Lgts inop. (6-24)
SQUANTUM NAS-Unlgtd 100' boom on lighter at bndry due W between Rnwys 2, 8. Equip. at bndry. Fld avail. 0800 to 30 mins prior to off. sunset. (9-27)
STEVENS FLD (NORTH ADAMS)-Avail. only lgt acft. (10-12)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS lclzr (SCS-51) Rnwy 6 inop. (1-20). Army GCA sys temp inop. (1-15) FLD: Following procedure normally to be carried out on IFR South-bound inbound flights to Westover Fld; Boston ATC will be contacted over Portsmouth, N.H., intersection (Portsmouth intersection is N leg of Grenier Range) for further clearance acft will proceed to a ppint over Grenier Fld range stn for further clearance by Boston ATC to Gardner intersection (Gardner intersection is the intersection of NE leg of Westover range and NW leg of Boston range) acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing letdown procedures as disseminated from Westover Fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control all instructions will be followed which are transmitted by Westover approach control. (11-10)

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ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (1-10)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. (11-14)
ANN ARBOR AIRPORT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14).
BAKER'S FIELD (PORT HURON)-Use strips only. (6-25)
BISHOP ARPT (FLINT)-Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. 160' water twr under const 1-1/4 mi NE, unmrkd. (8-15).
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft-bal taxi strip being cleared of trees and brush. Other strip serviceable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end N/W strip approx 200' S of center line of approach. (12-3)
CALVIN CAMPBELL MUN APRT (INDIAN RIVER)-Emerg use only. (6-24)
CAPTIAL CITY ARPT (LANSING)-Use only rnwys, new N/S strip. Strip closed ngts. Equip. on fld days-acft parked W side fld E of apron. (9-20)
DALTON ARPT (FLUSHING)-N/S E/W strips unusable. (11-13)
DETROIT CITY ARPT-Inbound acft required to have radio receivers. (10-22)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FIELD (THREE RIVERS)-Sides and ends of strips soft. (5-10)
KENT CO. ARPT (PELLSTON)-Unlgtd hanger under const 1500' N of the E end of the E/W rnwy. (12-6).
PITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (11-15)
FORD ARPT (DETROIT)-CLOSED. Avail emerg use only. Use rnwys only. (8-14)

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FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (10-22)
JAMES CLEMENTS AIRPORT (BAY CITY)-Closed ngts. Heavy acft use rnwys only. (7-20)
JEWETT ARPT (MASON)-Strips mrkd with yellow mrkrs. (11-14)
KELLOGG FLD (BATTLE CREEK) Equip. on fld. (11-9)
LAPKER AIRPORT-Hangars under const. Use strips only. N/W, N/S strips being widened. (7-13)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16).
LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE end N end N/S rnwys. (11-15)
MACKINAC CO. ARPT (ST. IGNACE)-Avail. ski-equipped acft only. Rnwys plowed upon req. (12-30)
McKINLEY ARPT (FRASER)-Closed except to lgt acft in dry weather-soft. (4-26)
MOUNT PLEASANT AIRPORT-Strips soft in wet weather. (3-16)
MUSKEGON CO. ARPT (MUSKEGON)-Use rnwys only-rough. (9-20)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PRICKETT FLD (SIDNAW)-Unusable-under const. (6-25)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13) Use strips only. (9-26)
SAULT STE MARIE ARPT-Loosegravel on N/S rnwy. Use rnwys only. (9-20)
SKYHAVEN ARPT (SAGINAW)-Use strips only. Avail. lgt acft only when wet. Right traffic when landing S, SW and W. Left traffic N, NE and E. (11-12)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (7-10)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. (12022)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wheel-equipped acft land at own risk. No snow removal equip. Telephone 9277 for further info.
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail days only. (8-14)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. Apron base and loading gates under const, mrkd. (12-4)

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APPLETON ARPT-Use rnwys, taxi strips only. (11-20)
BAUDETTE ARPT-Designated Arpt of Entry for a period of 1 yr from Jan 1, 1947. Revd too late for inclusion in Directory of Arpts.
BENSON ARPT-Use stn on newly seeded areas in thawing weather. (12-8)
DECKER AIRPORT (AUSTIN)-Acft over 3500 lbs use caution. (6-28)
FARIBAULT ARPT-Closed to all acft weighting over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Temp closed (const). (6-17)
FLYING CLOUD ARPT (MINNEAPOLIS)-Const. (12-17)
MANKATO ARPT-Use strips only.(5-10)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail ski-equipped acft only until spring.
MONTEVIDEO ARPT-Const. Temp rnwys avail. Equip. on fld intmtly. (10-11)
ORTONVILLE ARPT-Temp closed (const) (6-20)
★ROCHESTER ARPT-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs.,126.18, 118.7,122.5 mcs. (1-20) These data revd too late for inclusion in "ANRA"
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New rnwys avail. ski-equipped acft only. Ctn in thawing weather. (1-7).
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough.(9-30
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Avail. ski-equipped acft only. (12-21)
WILLIAMSON-JOHNSON (DULUTH)-Open to scheduled air carrier-ngts.2-30'poles obst lgtd 330' from SW end SW/NE rnwy. (1-10) See page 13.
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flts. Ltd maintenance facs. No overngt parking facs. (1-15)

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AUGUSTINE FLD (JACKSON)-Use strips only-parked acft.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-RADIO: Army air to ground stn. temp. inop. (11-20) FLD: Use rnwys only.
GREENWOOD-RADIO: Courses aligned by ground check only. (1-13)
GREENWOOD ARPT-Use rnwys only-sodded portion soft. E/W, NW/SE rnwy lgts inop (12-30).
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. AIRPORT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
**JACKSON ARPT-Neon approach lgt system comm. Jan. 10, lctd NW end NW/SE rnwy consisting of 1 green course lgt approx 100' from NW end of rnwy contg northwestward with 14 neon lgt stns at intervals of 100' oper contly during hrs of darkness and during daylgt hrs when instrument flt rules WX prevails at arpt and at any other time on spl req to control twr (1-10) See pages 121. Rnwys 2-20, 16L-34R closed. (1-10)
JACKSON COUNTY ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass.(5-17)
KRESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Mgt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Radio Stn WTOK erecting 180' twr 5 mi NE, lat 32-22-46, long. 88-40-04. (9-7)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
McCOMB ARPT-West 1/3 of E/W strip unusable. (9-30)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (11-7)

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BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (9-18)
CHILLICOTHE INT, SITE 7, KC-CG-Use only rnwy during wet weather. Sod areas slightly rough. (10-21)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg. only. (11-19)
HARRIS FIELD (CAPE GIRARDEAU)-Use strips only - parked acft.
HARVEY PARKS AIRPORT (SIKESTON)-Use rnwys only - parked acft.
INDEPENDENCE ARPT-N/S strip avail., bal fld closed (grading). (6-25)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45-C78.(5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (10-10)
KANSAS CITY ARPT-RADIO: Glide path and bndry mkr temp inop uintil perm ee lclzr fecomm at a later date. (11-14) FLD: Flood lgts inop. (1-16) See page 32. CLOSED TO ALL ARMY ACFT EXCEPT IN EMERG-USE FAIRFAX FLD. Army acft rstd from refueling except in extreme emerg. 4 neon approach lgts operating N end N/S rnwy. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. (1-16).
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (11-22)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)

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**LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Low clearances observed in blue and yellow sectors of ILS. (10-8) FLD: Rnwy ctc lgts will be used in lieu of bndry lgts. Bndry lgts discont indefinitely (1-9) Closed to non-radio equipped acft. Equip. on fld. Const E,SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700.
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (10-1)
QUEEN CITY ARPK (SPRINGFIELD)-35' lgtd pole and lines N end N/S rnwy.(10-30)
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Equip. on fld days. (12-7)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. Crash and fire fighting equip. avail. 0800 to 1600 Mon thru Fri only. (9-23).
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (9-19)

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BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUT BANK ARPT-Ctc lgts avail. on req. (11-28)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20, 16-34 only. (12-6)
★HELENA-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs, 116.1, 122.1 mcs.(1-17) These data rcvd too late for inclusion in "ANRA". (1-17)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. (10-21)
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (11-13)
MILES CITY ARPT-Bndry lgts inop. (12-2)
MISSOULA CO. ARPT (MISSOULA)-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (11-13)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr - courses unreliable (ice on loops) (11-3)
POLSON ARPT-Usable with caution. (7-19).
POPLAR ARPT-Dangerous when wet. (9-6)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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AINSWORTH MUN. ARPT-Use rnwys only. (10-27)
BIG SPRING-RADIO: See Special Notice, page 148.
CLAY CENTER ARPT-Use strips only. (5-19)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (9-26)
ELGIN ARPT-Haystacks on fld. (12-3)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet (11-15)
GRAND ISLAND-RADIO: Flight checked. Courses correctly aligned. (1-8)
GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27) FLD: Ctc Grand Island Rdo between 1700 and 0800 for landing. Refueling 0800 to 1700 only.(12-3)
★KEARNEY AAF-RADIO: Army twr now operates 0800 to 1630 daily. (1-15). These data rcvd too late for "ANRA"
LEE BIRD FLD (NORTH PLATTE)-Army acft rstd from refueling except in extreme emerg. (10-9)

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LINCOLN ARPT-Rnwys and apron being sealed until approx Jan 20, 1947. Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (12-6)
McCOOK AAF-NW/SE rnwy avail. only. (11-13)
NORTH PLATTE-RADIO: Flight checked. ; Courses correctly aligned. (1-8)
OMAHA ARPT-RADIO: About Jan 15, oper of outer mrkr of CAA ILS will be temp suspended until about Jan 23, for installation of low freq compass ictr. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)
OVERTON-RADIO: See Special notice. 148.
SIDNEY INT, SITE 50, SL-OM-E/W strip avail., bal fld rough. (9-20)

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BATTLE MOUNTAIN-RADIO: SW course 30° S, bear. 46°. (10-25) 116.1 mc transmitter and rcve temp inop. (11-6)
BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (1-10)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (10-8)
CRYSTAL-RADIO: About Jan 22, the Crystal FM will be discont. (1-9)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/E taxiway closed. (4-2)
★FALLON-RADIO: Stn unmanned 1600 to 0800. Jan. 31, receiving watches, voice fac, weather reporting and associated commun sycs will be permanently discont. Rnage and stn loc mrkr will oper as an independent fac. (1-16).
FALLON ARPT-Closed except in emerg. (9-27)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due wind erosion, soft sand, mrkd. (11-27).
GABBS-RADIO: About Jan 31, stn will be perm. discont. (1-10)
GABBS INT, SITE 36, NV-ND-About Jan 30, all lgts will be discont. (1-15)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (1-2)
LAS VEGAS-RADIO: About Feb. 4, FM will be comm at Mormon Mesa, Nev., loc. at lat. 36-42-30, long. 114-28-00. Ident.(-). Will be loc on the NE course of the Las Vegas radio range at a distance of 48 mi. (1-9). VHF range will be comm soon at lat. 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident "LQ". Courses Visual, 29°,209° Aural, 119°,299°. Mag. variation 16°E Simult voice channel and receiving watches (3117.5 kcs, 116.1,131.7 mcs) avail. 24 hrs daily. Stn, Class: VAR-VDT (12-10)
LAS VEGAS AAF-Obst bons No. 3 And 4 atop Sunrise Mtn inop. Ltd opers facs. No maintanance. Weather forecasting and clearance by AFS. Equip on fld.
SCOTTYS INT, SITE 22, NV-ND-About Jan 30, all lgts will be discont. (1-15)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using.
★TONOPAH-RADIO: Stn unmanned from 2400 to 0600 daily. About Jan 31 stn will be perm. discont. (1-9) Range and stn loc mrkr will cont in oper as an independent fac. (1-16).
TONOPAH AAF-RADIO: Army air to ground stn inop. (11-20)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOISE FLD (HASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-offs and landings made toward NW. 34' hangar under const adj to bldgs S border fld. Avail. ski-equipped acft only.
BRATTLEBORO-HINSDALE AIRPARK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped etc acft when snow conditions warrant. Acft avoid 3' cones immediately beside each obs lgt. (12-24)

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DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (11-21)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (1-20) FLD: Crash facs avail. 0800 to 1800 only. (12-7)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LAKES REGION ARPT (WOLFEBORO)-CLOSED (const). Grass strip avail. in emerg. (11-18)
LANCASTER ARPK-New surface dangerous when wet. (11-21)
LEBANON-RADIO: See Special Notice, page 148.
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (11-21)
NEWPORT ARPT-60' trees N and N/S strip. (10-9)

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ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset reqrs 24 hr previous arrangement with Opers Officer. (12-11)
BENDIX-RADIO: Tests of exper equip. will be conducted on freqs of 108.5, 109.3, 110.1 mcs.
CAPE MAY COAS-Closed to trans acft except in emerg (caretaker status-no facs)
CARTARET-Beacon, side lgts inop on twr Radio stn WOR. (7-24)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (8-2)
LAKEHURST NAS-Rnwy tests in progress days. (11-19)
LAKEWOOD ARPT-N/S strip under const. (10-15)
HILLVILLE ARPT-Bcn, 36" double ended, 6 RPM flash. alternately green and clear placed in oper Jan 9 at lat 39-22-06, long 75-04-11 on N side arpt, all other fld lgts on req (1-10) See page 76.
NEWARK-RADIO: Flight-checked courses correctly aligned. (1-17)
NEWARK ARPT-Closed to all acft without 2-way radio. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on Rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 closed. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green obs lgts then continuing from Rnwy 6 to E taxi strip. Tetrahedron uncontrollable. To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7).
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/E strip unusable. E end E/W strip seeded. (10-28)
TETERBORO AIR TERMINAL (BENDIX)-Rnwy lgts avail on req. (1-13) See page 80 Class: 30h R1 L5 B6. Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld.(1-13)

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ALAMOGORDO AAF-Opers and svcg avail. 0730 to 1600 Mon thru Fri only.(12-18)
ALBUQUERQUE ARPT-Used by RFC. Avail. only for delivery surplus acft this fld, prospective purchasers of surplus acft or parts, or in emerg.
B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme obstn. Heavy equip. on fld. (12-24)
CARLSBAD MUN ARPT-Bcn opers all ngt. Rnwy obs lgts on 5 min notice (1-8) See page 89.

CONDON FLD-See notice under White Sands Proving Ground, N.M.
CREWS FLD, SITE 42, EO-PU-(RATON)-CLOSED (const). (4-29)
GALLUP AIRPORT-E/W rnwy closed. (5-4)
GALLUP CITY FLD-ENE/WSW strip under const. (5-7)
HOPDS AAF-Rnwys 3-21, 12-30 closed. (12-18)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (7-21)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
KIRTLAND FLD (ALBUQUERQUE)-RADIO: Inner and outer mrkrs of ILS inop (const) (1-15) VHF/DF stn is in oper from 0800 to 1900 daily, or other hrs on req on freqs of 139.32 and 140.58 mcs. (1-20) Lclar ident and voice fac comm. See page 57. FLD: 3 rdo. twrs 400' high lctd approx 4 mi SW stn marked with flashing obst lgts. (1-15)
LAS VEGAS ARPT-Use rnwys only-bal fld unsafe. (11-13)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)
ROSWELL-Inten inst train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking, svcg facs. (12-18)
SANTA FE ARPT (NEW)-Obst and rnwy lgts on req. (1-14) See page 57. Army acft rstd from refueling except in extreme emerg. (1-15)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex. and will obtain permission and instructions from Biggs Fld Opers before landing at Condon Fld. When Condon Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by radio prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14)

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ALBANY-RADIO: About Feb 3, S course will be realigned to 15°. (1-18)
ALBANY ARPT-Equip. on fld intmtly. (11-13)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (11-8)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. 70' unlgtd smokestack W bndry fld between E/W and NE/SW rnwys. Rnwys and taxi strips mrkd with black flags for winter opers. (10-24)
CARPET CITY ARPT (AMSTERDAM)-Avail. ski-equipped acft only. (1-14)
CATSKILL ARPT (CAIRO)-ABANDONED (12-27)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (11-17)
CLASON'S POINT-RADIO: About Feb. 18, 1947, weather permitting present New York (La Guardia) range will be decomm. Simultaneously Clason's Point range will be comm at lat 40-49-11, long. 73-50-33. Freq. 209 kcs. Ident. "LG" Bear. and dist, stn to La Guardia Fld: 222°, 3.2 mi. Courses will be: 42°,129°,222°,273°. Stn class: SBRAZ-VDT. VHF voice fac will transmit on 116.1 mcs. Stn will guard: 3105,4495,6210,3117.5 kcs, 116.1 mcs. Clason's Point LFM will be decomm. FM will be comm at New Rochelle, N.Y. at lat 40-53-17, long. 73-47-19, on NE course, Bear. and dist, range to FM: 42°.5.6 mi. Ident one dash. These facs, outer mrkr on CAA ILS

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CROTON AIR PARK (PEEKSKILL)-Hangar under const. (6-11)
DANSVILLE-RADIO: See Special Notice, page 148.
DUNKIRK-RADIO: See Special Notice, page 148
**DUNKIRK ARPT-Ctc lgts oper. from dusk to dawn. (1-10) See page 40.
FLOYD BENNETT FIELD NAS (NEW YORK)-Closed 1700 to 0800. (8-15)
FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough. (10-31)
GLENS FALLS-RADIO: See Special Notice, page 148.
GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. NE corner fld unusable-soft area mrkd. Closed to all acft above 250 HP. (11-25)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FIELD (ROCHESTER)-Use strips only-caution when wet. (5-18)
IDLEWILD-RADIO: Range flight-checked. Courses correctly aligned.
IDLEWILD-Obst lgts atop loop antenna poles inop except on SE pole. (1-13)
IDLEWILD ARPT-Temp pavement on Rnwys B-(N/S) and C (NE/SW) being removed with trenches across rnwys presenting extreme hazard even in emerg. Not yet opened-const. (10-15)
ITHACA ARPT-Right traffic pattern in use. (8-3)
KINGSTON-ULSTER AIRPORT (KINGSTON)-ESE/WNW strip closed. (3-20)
LA GUARDIA FLD (NEW YORK)-RADIO: Outer mrkr of CAA ILS relctd 4.5 mi SW of SW end of NE/SW rnwy at lat 40-42-52, long. 73-55-47. Will be comm about Jan 15. (1-2) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. or with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclar shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. Truck and 30' crane NW corner fld adj to rnwys days. Ditch N end approx 400' off W side Rnwy 4-22 parallel to rnwy. Area from end of Rnwy 18 to intersection of Rnwy 9-27 being graded days. (12-7)
LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only. (12-27)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. (11-18)
MALONE-DUFORT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)
MASSENA-156' twr Radio Sta WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. beacon atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA AIRPORT-Use rnwys, taxi strips only-turf rough. (6-11)
★MITCHEL FLD (HEMPSTEAD)-RADIO: Inner mrkr of ILS lctd 200' from approach end of rnwy. Middle mrker and compass lctr lctd 3.67 mi. from approach end of rnwy. Outer mrkr and compass lctr lctd 4.14 mi from approach end of rnwy. These data rcvd too late for inclusion in "ANRA". Army air to ground stn in oper on 4765 kcs also. (1-20) Army ILS (CAA type) temp inop. (1-20). FLD: Rnwy 18-36 closed. (12-18)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK-RADIO: Soon, range will be comm at lat 41-33, long. 73-51-54. Bear and dist, stn to fld: 185°, 5.3 mi. Freq 236 kcs, ident. "HK". Courses: 30°,92°,193°,272°. Var. 12° W. Class: SBRAZ-DT. See Stewart Fld.
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev 261' MSL. (11-25)

NEW YORK-Each week end, weather permitting, between the hrs. of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following area over New York Harbor; beginning at lat 40-32, long 73-46; to lat 40-34, long 73-15; to lat 40-00, long 73-15; to lat 40-00, long 73-55; to lat 40-22, long 73-55; to lat 40-22, long 73-46 to the point of beginning. (11-15). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-RADIO: See Clason's Point Radio.
NEW YORK-RADIO: Range flight checked. Courses correctly aligned.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (11-13)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33. Left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to N-variable pattern to clear houses 1000' N of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. (11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (11-22)
SMITHPORT INC. (UTICA)-Hangars under const. (10-14)
STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. range.
STEWART FLD-RADIO: Soon, range will be decomm concurrently with commissioning of New Hackensack fac. (1-8)
STEWART FLD (NEWBURGH)-Pilots unfamiliar with Stewart Fld let-down procedure will not be cleared this fld under actual inst conditions. Final approach under these conditions will be made on SW leg Stewart Fld range only. (8-5)
SYRACUSE ARPT-Turf areas soft after heavy rains. (9-10)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (6-11)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn lgt burning but not rot. (11-13)
WATERTOWN-RADIO: VHF range will be commissioned soon. Lat. 43-57-08, long. 76-03-52 . 3.15 miles 46 degrees mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. "WB". Visual courses: 64-244, Aural courses: 154-334. Var. 12° W. Blue sector in North quad. Stn class: VAR. (1-15)
WATERTOWN ARPT-Installing lgts. Land, taxi with ctn-holes along rnwy edges. (8-1)
WESTCHESTER ARPT INC (ARMONK)-Const, tree removal equip on fld. (8-16)
WESTCHESTER CO. ARPT (WHITE PLAINS)-Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S and E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. Lgts avail. on NNW/SSE rnwy only ngts. (12-31)
**WHEELER SACK FLD (GREAT BEND)-ABANDONED-(1-17) See page 17 These data rec'd too late for inclusion on Flight Planning Charts and Directory of Airports (1-17)
WINDDALE ARPT-Avail. lgt acft only-rough. (3-21)

ASHVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No obs lgts installed on NW/SE rnwy, approach all rnwys with otn, equip on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status-no facs).
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BOGUE MCAAF-Closed to all acft except in emerg (no facs). (7-11)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-CLOSED (equip). (11-25)
**CAMP MacKALL AIRPORT (HOFFMAN)-This field will hereafter be carried as Camp MacKall AAF. (1-10) See page 109
CANNON AIRPORT (CHARLOTTE)-Surplus Acft Sales Center-parked acft.
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with caution. (11-20) FLD: Const, equip on rnwys. Rnwy lgts being repaired. (12-20)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident, inop until approx Feb. 7. (1-7)
EDENTON NAS-Use in emerg only (caretaker status-no facs).
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FAIRCHILD-CIVIL ARPT (BURLINGTON)-Use rnwys, taxi strip only. No fld facs. (3-29)
FORT BRAGG-Heavy firing is being conducted in all sections of Fort Bragg danger area up to 20,000 ft. All acft must avoid this area shown on Flight Planning chart 110 herein. Inten train. days with radio control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GREENSBORO-HIGH POINT ARPT (GREENSBORO)-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (12-5)
HICKORY-RADIO: VHF range which was operating for test period on 108.3 mcs is now temp. shut down as testing is completed. (1-20)
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
LEXINGTON ARPT-Ctn-strip rolling. (10-1)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
POPE FLD (FORT BRAGG)-RADIO: ILS (SCS-51) temp inop. (12-23) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. Heavy glider traffic. Equip. on fld days. (1-7)
RALEIGH DURHAM ARPT (RALEIGH)-RADIO: CAA ILS temp inop. (1-10) FLD: ILS and transmitter bldgs 500' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 500' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. 55' control twr under const N side fld near Admin Bldg, unlgtd. Const on ramp in front Admin Bldg. (12-20)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
THOMASVILLE ARPT-Ctn-strip rolling. (10-2)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft daylgt hrs; ngts by prior arrangement or in emerg. (9-3)
WINSTON-SALEM-RADIO: NE and SW courses swinging 3° bear. 55° and 235° (1-8)

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BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)
CHANDLER AIRPORT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)
DICKINSON MUN. ARPT-Three 15' hay stacks along E bndry fld. (1-16)
FARGO ARPT-HECTOR FID-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs, 118.7,126.18,122.5 mcs. (1-20) These data rcvd too late for inclusion in ANRA. FID: Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (12-17)
GRAND FORKS ARPT-50' const booms adj to NE corner fld, lgtd ngts. (11-21)
PEMBINA INT, SITE 14A, FO-WG-Avail. ski-equipped acft only. (12-24)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (12-15)

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AKRON ARPT-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 126.18,122.5 mcs. (1-17). These data rcvd too late for inclusion in "ANRA". FID: Surplus Acft Sales Center-parked acft. Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (12-11)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FID (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (11-24)
BROOKFIELD ARPT-Avail. lgt acft only. N/S strip under const. (4-21)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (11-27)
CEDAR LAWN AIRPORT (KENTON)- Use strips only. (6-26)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED (soft). (1-15)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind too regardless of wind direction. (11-25)
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. (12-16) Three 200' twrs 10 mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. (11-30)
CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted-for danger area description see,Wilmington, Ohio. (7-8)
CONNEAUT ARPT-Use moved strips only. (6-4)
DAYTON ARPT-Use rnwys only at ngt. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. (1 2-28)
FINDLAY ARPT-Lgtd bldg under const NE of fld. (10-21)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FID (URBANA)-Use strips only. Land according to wind too lctd in center of fld. (11-23)
LANSDOWNE ARPT (GREENVILLE)-Equip on fld intmtly. (8-12)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN CITY ARPT (LORAIN)-Water main being run thru the SW corner of fld, temp shortening NE/SW strip to 1800'. (9-27)
LUNKEN ARPT (CINCINNATI)-RADIO: See Greater Cincinnati Arpt, Covington, Ky. Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. Army facs ltd. (11-1)
MANSFIELD ARPT-Use rnwys only. Equip. on fld (consit). (12-30)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips exit into cultivated area W end fld. (6-4)

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MATHER ARPT (CLEVELAND)-Closed to trans acft except on special permission. Const on 1000' NW/SE, 1100' NE/SW rnwys. (11-25)
MEDINA PRICHARD ARPT (MEDINA)-Soft when very wet. (10-14)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (9-17)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (11-27)
PATTERSON FID (FAIRFIELD)-RADIO: Glide path of Army ILS unreliable for ceilings under 100'. (7-1) Army OCA sys temp deactivated. (1-7) FID: Equip on fld. (1-3)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (11-26)
PORT COLUMBUS-NAS (COLUMBUS)-30' port. twr on taxi strip W side fld, 800' S of E/W rnwy and 800' SW of NW/SE rnwy until approx Feb 15. (1-2)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (12-13)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. (11-27)
WELLINGTON ARPT-Right traffic on S and SW rnwys. (12-22)
WILMINGTON-Experimental flying is being conducted within the following described area: beginning at lat 39-41, long. 83-01-30; S to lat. 38-48-40, long. 83-02-30; NW to lat. 39-11-20, long. 84-00; N to lat. 39-42-10, long. 84-00; E to point of beginning. This area should be avoided at all times.
WRIGHT FID (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FID. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flights. Ltd maintenance. No quarters for trans crews. (10-22)
WYANDOT ARPT (MT. VERNON)-Under const. (6-20)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (12-5)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (12-5)

OKLAHOMA

ALTUS MUN. ARPT-Avail. only for delivery surplus mil acft or in emerg. Equip on and near N/S rnwy. (12-13)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten etc and inst train. in progress. (9-13)
CIMARRON FID (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (11-27)
ENID AAF-RADIO: Army range unreliable. (10-4) FID: Ltd parking facs. Use rnwys, taxiways only. Will be temp inactive with no facs Jan 31. (12-31) No lgts (12-31) See Page 61 Class: 56h B2.
GARTH-WITHER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (11-26)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decom. (11-25)
HATBOX FID-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only - parked acft.

OREGON

AMDEN ARPT-Obst lgts inop. Bndry, flood lgts on req. (12-2)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (12-2)
MUNICIPAL ARPT (BOISE CITY)-Emerg use only. (5-11)
NEWKIRK SKYPARK-NW/SE strip under const. (8-3)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (LAWTON)-Closed to all except liaison type acft. Ext const. Equip on entire W half and NW portion fld. Closed ngts. Flash. bcn atop balloon hangar inop. Soft spots. Const on rnwys. 5000' rnwy under const. Bndry lgts inop. (1-14)
ROOSEVELT-RADIO: Dec 5, VHF range flgt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00, long. 99-03-48. Freq. 108.7 mcs. Ident. "RQ" Visual courses: 53°,233°; aural courses: 143°, 323°.
RAMSEY ARPT-Use rnwys, taxi strips only. (11-25)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army range reported unreliable for orientation and homing. (10-30)
TULSA ARPT-Pilots without radio watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. Const on Term Bldg ramp. Equip. on fld days, lgtd ngts. Svcg, crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (10-25)
WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: About Feb 1, CAA ILS will be comm serving N/S rnwy with approach from S. Voice equipped ltlzr will oper on 109.9 mcs. Ident. "OL" and will be lctd 975' N of N end of N/S rnwy. Glide path will oper on 333.8 mcs and will be lctd 1000' N of S end of N/S rnwy and 400' W of rnwy centerline. Two mrkrs middle and outer will oper on 75 mcs. Middle mrkr will be lctd 3500' from S end of N/S rnwy on rnwy centerline with modulation freq 1300 cps keyed alt dots and dashes. Outer mrkr will be lctd 4.6 mi from S end of N/S rnwy on rnwy centerline with modulation freq 400 cps keyed two dashes per sec. No compass letrs. (1-14) FLD: Bndry lgts inop - ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

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BAKER ARPT-Use rnwys only. Equip. on fld days. Erecting 25' unlgtd bldgs adj to and outside bndry lgts-700' E of N/S, 700' S of E/W rnwys. (9-14)
BEAVER MARSH INT, SITE 73, RW-ND-Avail. large acft with ctn-unsafe lgt acft. (12-10)
BLUE STAR ARPK (EAGLE POINT)-Hangars under const. (10-18)
CIVIL AIR PATROL ARPT (WONDEN)-CLOSED (muddy during winter months). (11-25)
EUGENE-RADIO: 116.1 mc transmitter and rcvr temp inop. These data rcvd too late for (1) symbol. (1-21)

EUGENE ARPT-N/S rnwy closed-to be used as taxiway only. (9-13)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Grading in progress to widen and lengthen strips. (9-16)
JASLOW SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)
MEDFORD AAF-RADIO: Army, air to ground stn in oper also on 4595 kcs CW. (1-7) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10mph. No bndry or flood lgts. No maintenance mil acft. (1-6)
PORTLAND-RADIO: Lacenter FM will be comm soon at lat 45-49, long. 122-30, lctd 12 mi on N course of Portland range, ident 4 dashes. (12-19)

OREGON

**PORTLAND AAB-Approach neon lgt lane constd on approach to NW/SE rnwy extnd g 1540' from NW end NW/SE rnwy, elev of outer structure 55' above sealevel. (1-20) See Page 141. Flash. lgts on tetrahedron indicates suspension CFR flights. Ltd JP-1 fuel avail. Use rnwys, taxi strips only. (1-20)
ROSEBURG INT,SITE 41A,SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (11-26)
TROUTDALE ARPT-Surplus Acft Sales Center - parked acft.
**WELLS ARPT (MILWAUKEE)-New fld. Lat 45-27-30, long. 122-37-15. (9-11) SEE Page 141.
WOODLAND-RADIO: Soon ident of Woodland FM will be changed to two dots, four dashes. (12-19)

PENNSYLVANIA

ALLENTOWN-BETHLEHEM ARPT (ALLENTOWN)-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 160' stack under const 2 mi SW, lgtd. (12-15)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW.
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (12-5)
BROOKVILLE-RADIO: See Special Notice, page 148.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (11-27)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (6-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17)
CHAMBERSBURG-High explosives being discharged approx 7 mi NW thru Feb 5, 1947, daily Mon thru Sat 0800 to 1700 within the following area: N bndry lat 40-01; S lat 39-59-30; E long. 77-47; W long. 77-49. (8-3)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. (12-10)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. (11-28)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALEVILLE ARPT-Right traffic used on take-off in the direction of S by SE.
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32,first 500' Rnwys 23,27 closed. Equip. on fld. (12-16)
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT (HARRISBURG)-Use rnwys only. (12-5)
JOHNSTOWN ARPT-Use rnwys only. (7-1)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (5-27)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd.
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT-SITE 21, BUFFALO-NEW YORK-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MOUNT UNION ARPT-Left traffic 600' pattern. Student train. Land according to wind tee S end fld. Wind sock atop hangar. Use rnwys, taxi strips only in wet weather. Entire fld usable in dry weather. (12-2)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (8-5)

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OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Runys 29, 14. Lgtd obsts between Runys 29, 32 approx 1000' from runys. Two 150' obsts right of Runy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use runys 14, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST ARPT (PHILADELPHIA)-Avail. radio-equipped acft. Use runys only. Equip. on fld intmtly days. Trans pilots must register in Admin Bldg on arvl and deptr. (10-15)
PHILADELPHIA SOUTHWEST ARPT (PHILADELPHIA)-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for <u>test purposes only</u> temp inop. Transmitter lctd E end N/W runy. Ident. "PG". (12-31) FLD: Closed to non-radio equipped acft except in emerg. Const on fld. Use runys only. Use ctn in taxiing. (10-8)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S runy closed. Equip. on fld. mrkd. Closed to non-rdo equipped acft. (12-11)
PITTSBURGH-BETTIS ARPT (PITTSBURGH)-Right traffic on NE and NW runys.(11-30)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (11-27)
READING ARPT-RADIO: CAA ILS comm Oct 9 on Runy 36 on <u>super basis</u>. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Runys 13 and 18. (1-15)
SHILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)
STAR VALLEY ARPK (CHARLERCI)-Equip. on strip intmtly. Unusable in wet weather. (11-22)
SUNBURY-RADIO: See Special Notice, page 148.
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (10-15)
VALLEY FORGE ARPT (NORRISTOWN)-N/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (5-29)
VANDERGRIFT ARPT-Being repaired - use only center of strips. (4-26)
WEST CHESTER ARPT-Strips under const. (4-15)
WILKES-BARRE-RADIO: Jan 8, courses realigned to 68°, 180°, 271°, 360°. Ground checked only. See Special Notice, page 148.
WILKES-BARRE-WYOMING VALLEY ARPT (WILKES-BARRE)-Use runys only. (11-14)
WILLIAMSPORT ARPT-Closed ngts. Avail. emerg landings only. (10-4)
WILLOW GROVE NAS-Closed ngts. Equip. sides all runys days-lgts being installed. IFR inbound flights will be accepted daylgt hrs but no IFR outbound flights may be made. (9-16)
WINGS FLD (AMBLER)-NW/SE runy unusable (plowed up). Hangar const S side fld. Fld being graded, mrkd days. (9-14)

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CHARLESTOWN NAAS-Const. Low Alt formation break-up. Use ctn below 1000' Alts. Equip on Runy 4-22.
GREENE, THEODORE FRANCIS, ARPT (PROVIDENCE)-Use runys only. (1-9)
PROVIDENCE-RADIO: See Special Notice, page 148.

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CHARLESTON MUN. ARPT-Use runys only.
CLARK FLD (CHARLESTON)-Strips rough. (4-19)
FLORENCE ARPT-Closed ngts (bcn, runy, obst lgts inop). (12-5)
GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)
GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-rdo equipped acft watch twr for landing direction. Occasional heavy glider traffic. (12-18)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH. FLD: Ltd army svcg 0800 to 1800. Ltd parking space. (12-23)
MEMORIAL ARPT (SPARTANBURG)-Use runys, taxi strips only. (11-7)
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-RADIO: Soon, DF fac of CAA range will be relocated at Lexington County Arpt. (12-7) FLD: Use runys only. Req pilots avoid pivoting acft on NW end NW/SE runy. Small acft parked on ramp front Admin Bldg. mrkd. (12-5)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no fscs).
SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off runys. Use runys, taxi strips only. No fscs for closing flight plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

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ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)
ELDERVELT FLD (FAULKTON)-Hay stacks on fld.
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (11-15)
PHILIP-RADIO: See Special Notice, page 148
PIERRE ARPT-Tetrahedron unreliable. (12-6)
RAPID CITY AAB-RADIO: Army ILS temp suspended. (1-3) FLD: No svcg or opers 1900 to 0700 daily. (10-9)
SIOUX FALLS ARPT-Use runys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW runy, mrkd. (1-8)
SPEARFISH-RADIO: See Special Notice, page 148
W. W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Blinding 30 million candle pwr collimeter 1000' NW bcn. (9-27)

TENNESSEE

NASHVILLE, BCN SITE 63, DL-LV-Will be comm at new location soon. (10-18)
BERRY FLD (NASHVILLE)-Use runys only-runy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD (CHATTANOOGA)-Intmt dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (9-25)
CORNELIA FORT ARPT (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DORRY RIDDLE FLD (UNION CITY)-Use runys only - parked acft.
KNOXVILLE-McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE Admin Bldg. (10-3)
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McKELLAR ARPT (JACKSON)-Use runys only - parked acft.
MEMPHIS ARPT-RADIO: Lclzr, glide path, middle and outer mrkrs of CAA ILS shut down until approx Feb 8. (1-8) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lcts atop

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term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105, 4495, 6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)

MEMPHIS NAS-CLOSED NOTS EXCEPT IN EMERG. Flight plans should be addressed to "MEMPHIS NAVY". Ngt flying in 5 mi radius up to 2500'. Extem flight opers in 15 mi radius. Traffic left at 1000'. Resurfacing rnwys, mats. Red rot. bcn indicates IFR. Disabled acft at intersection of NE/SW and E/W rnwys. (1-8)

NASHVILLE-RADIO: Bdcast inop. (1-8)

OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)

SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (6-26)

TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0800-2100. Lgt gun only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)

WHITEVILLE INT, SITE 49, DL-LV-Unsafe all acft. (1-16)

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ABILENE-RADIO: Effective Dec 29 stn guards 3117.5 kcs 2300 to 0700.

ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr.(9-3)

ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (10-20)

ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only - parked acft. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (6-3)

ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe- NW/SE rnwy usable with otn. Rnwy lgts inop. (11-23)

ASHARTON ARPT-High brush - use strips with otn. (6-11)

AUSTIN-RADIO: Range flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23) Effective Dec 29, stn guards 3117.5 kcs 2300 to 0700.

AUSTWELL INT, SITE 5A, OR-HU-Unsafe (soft). (9-23)

BERGSTROM FLD (AUSTIN)-RADIO: Army ILS avail on req for practice flgts only. (1-6) FLD: NE/SW rnwy closed. Unlgtd 20' loisr truck and antenna 1500' on an extended center line from N end Rnwy 17L. (11-7)

BIGGS FLD (EL PASO)-RADIO: Army ILS (CAA type) temp inop. (1-3) FLD: See notice under White Sands Proving Ground, N.M. (12-26)

**BROWNWOOD ARPT, MUN.-Bcn, otc lgts. Tetrahedron. Otc lgts on req. (12-31) See page 116.

BRUCE FLD (BALLINGER)-Use rnwys only - parked acft.

CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)

CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12, ltd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CH" (- . - . - -). Visual courses: 53°, 233°; aural courses: 323°, 143°. (7-25)

CLEVELAND-RADIO: Oper on exper. basis only. (1-9)

CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (9-12)

★CORPUS CHRISTI NAS-RADIO: Navy GCA unit avail. Official call "Audrey". Freqs. 116.1, 126.18, 128.70, 134.64, 142.02, 142.74, 143.64 mcs, 3105, 3475, 4495, 6640 kcs. 140.58 mcs emerg. freq.

**CUDDIHY MAAS (CORPUS CHRISTI)-No lgts. (1-1) See page 113.

CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings should be made

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within orange cone bndrys. Use strips only-parked acft. No svcg or lgts.

EGYPT, BCN SITE 13, ZN-HU-Soon, will be perm discont. (12-12)

ELDORADO ARPT-E/W strip soft in wet weather. (12-6)

ELLINGTON FLD (HOUSTON)-RADIO: Army air to ground stn temp inop. (11-20) FLD: Closed to VHB acft except in emerg.

ENGLISH FLD (AMARILLO)-RADIO: Middle and outer mrkrs of CAA ILS shut down for const. (1-7) FLD: Use rnwys, taxi strips only. 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (11-14)

FAIRCHILDS, BCN SITE 16, ZN-HU-Soon, will be perm discont. (12-12)

FLORESVILLE, BCN SITE 2, ZN-HU-Soon, will be perm discont. (12-12)

FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)

★FORT WORTH-RADIO: CAA ILS loizr freq 109.9 mcs. Outer mrkr ltd 4.09 mi. N of N end N/S rnwy. See Page 97.

FORT WORTH AAF-E/W rnwy closed. 40' trees immediate end Rnwy 35L. (12-20)

GARWOOD, BCN SITE 11, ZN-HU-Soon, will be perm discont. (12-12)

GASKIN FLD (SHERMAN)-Use rnwys only.

GIBBS FLD (FORT STOCKTON)-Use rnwys only - parked acft. Use only in emerg.

GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (12-6)

GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Radio 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Radio. Local inst acft using range. Ltd parking, svcg facs.(1-8)

GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)

GUTHRIE-RADIO: VHF range flight checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH" Visual courses: 72°, 252°, aural courses: 162°, 342°. Blue sector in N quads. "N" in N quad, "A" in W quad. Var 11° E. (1-10)

HALLETSVILLE, BCN SITE 8, ZN-HU-Soon, will be perm discont. (12-12)

HEARNE BCN SITE, 15, OS-WO-Bcn inop. (5-16)

HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)

HICKS FLD (FT. WORTH)-Use strips only- parked acft. (1-2)

HITCHCOCK NAF-LFA-RADIO: 6390 kcs transmitter and receiver temp inop.(3-12)

HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Radio for ngt landings. (5-12)

HOUSTON ARPT-Use rnwys, taxi strips- ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip on fld. (12-31)

JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (12-9)

KELLY FLD (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W Rnwy 14-32. (1-8)

KIRKLETON, BCN SITE 14, ZN-HU-Soon, will be perm discont. (12-12)

LAMESA FLD-Gov't. owned acft parked W half fld. Use rnwys only. (6-6)

LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information.(12-14)

LAUGHLIN FLD (DEL RIO)-Closed- emerg use only.

LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)

LOVE FLD (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with radio tuned to twr freq. Rnwy 7-25 closed-equip. (1-17)

MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)

MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true), temp lgtd. Grain elevator 987' MSL 9100' N of N end N/S rnwy on extended centerline directly on loisr course. (12-31)

MIDLAND ARPT NO. 2-Fire and crash equip, svcg avail. 0800 to 2000 Mon thru Fri only. (11-25)
MINERAL WELLS ARPT, new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPT (CONROE)-Avail. only acft equipped with landing lgts. (12-5)
★NAVASOTA-RADIO: CAA range recomm Jan 11. See page 117.
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE AIRPORT-NE/SW, NW/SE strips under const. Use only E/W strip. Fld flooded after rains. (7-10)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (10-21)
PAMPA ARPT-Hangars being const along N/S hangar line parallel to N/S strip. (10-18)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (11-6)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Lgt acft use etn-gopher holes. (11-28)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Bldg 300' E, 700' S of N end Rnwy 17-35 lgtd. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. (12-17)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 3LR use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed.(1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip removed. (8-1)
SALTILLO, BEACON SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Hangs at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Sta and adhere to instructions issued by San Antonio A.T. C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD (SAN ANTONIO)-RADIO: Ground checked only.(1-8)
FLD: Ltd svcg. Closed ngts to all civil. acft except scheduled airlines.
SAN BENITO INT, SITE 2, JI-FV-Hangar under const 200' NE bcn twr and 200' N Opers Office, mrkd. (10-28)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Svcg, opers avail. 0800 to 2200. Ltd transportation, no housing, messing facs.
★STINSON FLD (SAN ANTONIO)-RADIO: Twr comm. See page 141. FLD: Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (11-12)
TERRELL, BEACON SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana arpt, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TYLER-RADIO: Flight checked Jan 9. Courses correctly aligned.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only.(12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
WEATHERFORD ARPT-Use only N end fld-stripe under const. Closed to heavy acft. (12-9)

WHITE FIELD (BRADY)-CLOSED. (8-1)

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (10-23)
HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7, 129.7 mcs rcvr temp inop. Stn unmanned from 2200 to 0600. (12-21)
★HILL FLD(OGDEN)-RADIO: Army air to ground stn now oper on 4765,2862,4697.5 kcs., voice, 8200,4595 kcs CW, 116.1,140.58 mcs. Twr now guards 3105,4495, 6210, 3117.5,4220 kcs., 126.18, 137.88 mcs.
MILFORD ARPT, SITE 45, LA-SL-Lgtd bldgs being const 300' N of bcn twr E side fld. Unlgtd bldgs SE corner fld S of and adj to bcn twr. Equip. on fld. Trench being dug across taxiway to hangar, mrkd. (12-19)
PROVO ARPT-Soft shoulders. Fld lgts avail. on req. (12-30)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. (1-2)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control sta recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-RADIO: Lolzr of ILS oper without voice. (12-18)
FLD: Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
★WENDOVER FLD-RADIO: Weather bdcast from CAA range at 29 mins. after the hr. FLD: Opers inop 1700 to 0730. No svcg 2000 to 0730. Fld lgts avail. only on advance req. Obst lgts on mtn N of fld inop.

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. (12-3)
MONTPELIER-RADIO: See Special Notice., page 148.

ALBERTA AIRPORT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE stripe marked by 12' yellow markers. (1-14)
ALTAVISTA AIRPORT-200' NE end of fld unusable in wet weather. (5-23)
★★BLACKSTONE AAF-Will hereafter be carried as Blackstone Arpt open to all types of acft. Rnwy lgts on req. Bcn opers continuously. Rdo equipped acft etc Blackstone Rdo for landing info. (1-14) See page 112.
CENTRAL ARPT (RICHMOND)-During wet weather use stripe only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except in emerg or on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. (9-5)
★★COLONIAL BEACH ARPT- ABANDONED. (1-6)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF BUS. OR IN EMERG. Off. flights must be cleared thru one of the following Naval Air Stns: Anacostia, D. C.; Patuxent River, Md; Norfolk, Va; Quonset Point, R. I.; Cape May CGAS, N.J.; Inyokern NAF, Calif; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory, Philadelphia, Pa; Cherry Point MCAS, S.C.; Quantico MCAS, Va; AAF Proving Gnds, Eglin Fld, Valpariso, Fla; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md; Lakehurst NAS, N.J. 1 rnwy closed. Equip. on fld, Only 1 rnwy avail. ngts.(8-28)
DANVILLE-RADIO: Reception on all rcvrs unreliable. Heavy local interference. Soon, all rcvg watches, voice communications, weather reporting and teletype service will be discont. MH fac on 344 kcs will oper cont unattended.(1-11)

DANVILLE ARPT-Use runys, taxi strips only, bal fld soft, rough. Only Runy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating runy in use.(12-28)
FENTRESS NAAS-Use in emerg only (caretaker status - no facs).
GORDONSVILLE INT, SITE 51, MA-WA-Soft in wet weather. All types acft use ctr during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
HOPEWELL AIRPORT-SE portion under const. Equip. on fld. (6-7)
HYBLA VALLEY AIRPORT (ALEXANDRIA)-Surplus Acft Sales Center - parked acft.
★LANGLEY FLD-RADIO: Army air to ground stn in oper on 4765 kcs also.(1-20) N course of Army range swinging 5° W, bear. 167°. (1-15) FLD: Runy 2-20 closed. Runy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD-SITE 35A, MA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW runy. (12-31)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facs)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF range comm FOR TEST PURPOSES ONLY. Lctd at lat 36-48-18, long. 76-12-06. Ident. "NW". Freq. 108.7 mcs. Visual courses: 200°,15', 200°, 15'. Aural courses: 110°,15', 290°, 15'. Class: VARW. Aligned by ground check only. (1-20)
NORFOLK ARPT-205' twrs rdo stn WLOW erected 8 mi WSW (257°) true at lat 36-52, long 76-21, temp lgtd. (1-2)
★NORFOLK NAS-EAST FLD-RADIO: GCA unit relctd from Oceana NAAS. Lctd on Runy 28. Oper 24 hr standby during instrument weather. Avail. on 30 minutes notice. Weather minimums with GCA in oper-ceiling 200', visibility 1/2 mi. FLD: Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flights proceeding in accordance with IFR to NAS Norfolk, shall establish radio etc with twr at NAAS Chincoteague, Va., for further clearance instructions from Navy Norfolk. Pilots on Northbound coastal flights proceeding in accordance with IFR to NAS Norfolk shall establish radio etc with Navy Weeksville Radio, NAS (LTA) Weeksville, Elizabeth City, N.C., for further clearance and instructions from Navy Norfolk. Equip. on fld.(7-22)
★OCEANA NAAS-RADIO: GCA equip. moved to Norfolk NAS. (1-2) FLD: Runys, taxi strips under const. Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Essential mil flights accepted anytime on prior notification. (9-26)
ORANGE CO. ARPT-Strips muddy in wet weather. (12-29)
PETERSBURG ARPT-CLOSED (const). (8-2)
PRESTON GLENN ARPT (LYNCHBURG)-Use runys only. Pwr line extension of 2 poles approx 3200' NW of W end E/W runy and 3 poles approx 3600 to 3800' W of W end E/W runy, unlgtd. (12-3)
PULASKI-RADIO: Range flgt-checked-courses correctly aligned. (1-16)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse this fld with the Richmond AAB.
RICHMOND AAB-Ltd Army svcg facs. Avoid using 1000' runy extensions. Runy, taxiway shoulders soft. Acft landing this fld without extab. rdo commun. with twr watch carefully for lgt gun signals-twr lctd in center of triangle of runys. (8-7)
SHENANDOAH ARPT-N/S strip under const. (10-28)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (10-18)
VALLEY ARPT(WAYNESBORO)-Ctn when wet. (12-17)
WINCHESTER AIRPORT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (6-7)

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SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON NAAS-Use in emerg only (caretaker status - no facs).
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. N/S strip avail. in emerg. only. Day traffic controlled by white T center of arpt.
COLVILLE ARPT-NW/SE strip closed. (11-6)
CONNELL ARPT-18" grass and weeds on fld. (7-17)
COUPEVILLE OLF-Closed except in emerg. Training use requires 24 hrs advance notice thru Whidbey Island NAS. (9-11)
DOROTHY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)
**EASTON RIDGE, BCN SITE 57, SA-HL-Discont. (1-14)
EASTON INT, SITE 5B, SA-HL-CLOSED (snow). (11-22)
★ELLENSBURG-RADIO: VHF voice fac comm at commun stn Jan 20. Transmits on and guards 116.1 mcs cont. Stn class: SBMRAZ-DTV. These data rcvd too late for ANRA or inclusion on Flgt Planning Charts.
EPHRATA-RADIO: VHF voice fac will be comm at commun stn Jan 25. Will transmit on and guard 116.1 mcs cont. (1-11)
EPHRATA ARPT-Loose cattle on fld. (10-7)
FAIRWEATHER FLD(REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side runy mrkd.(12-1)
HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment.(7-1)
**KACHESS RIDGE, BCN SITE 55 MI BLINKER, SA-HL-Discont. (1-14)
★KELSO-RADIO: MH voice fac and receiving watches discont Dec. 29. This item inadvertently omitted from Airman's Guide Vol. 1, No. 19.
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KING CO. ARPT-BOEING FLD (SEATTLE)-Use runys, taxi strips only. Equip. adj Runy 13-31. Lgt acft graded strip between main runy and E taxiway closed-avoid mrkrs this area. (12-27)
LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED. (4-26)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
McCHORD FIELD (TACOMA)-RADIO: Army ILS (CAA type) temp inop. (1-7) FLD: Use runys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (10-1)
**OAK HARBOR NAS-Rot green and white bcn 1/4 mi S of hangar, portable floodlights on req, 3 amber approach lgtd on Polnell Point on E side of Crescent Harbor, a second set of three amber lgts on seaplane dock, red bndry lgts on E, W, N sides of Crescent Harbor, the usual landing area. (1-1) See page 144.
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Night lighting immediately available to radio equipped acft by contacting Everett Radio. Closed to all other acft between sunset and sunrise except by arrangement with arpt manager or CAA Commun Stn. (12-9)
PASO-See Special Notice (first item under state heading).
PASO NAS-Use in emerg only (caretaker status - no facs).
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)

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ROSALIA MUN. ARPT-12" grass and weeds. (7-16)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE-All acft advised not to fly below or near blimps in Puget Sound Area.
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alt. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. (11-26)
SEATTLE-TACOMA ARPT(SEATTLE-RADIO: ILS emits localizer signals on 110.3mcs, bndry and outer mrkr signals on 75 mcs cont. These signals may at times be spurious and are not be be relied upon for any purpose. (10-8) FLD: Equip on fld days. Const approx 20' N of N end NW/SE rnwy. (8-22)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
TOLEDO INT, SITE 63B, SF-SA-Use strips only-sodded portions soft. (11-18)
★WALLA WALLA AAF-RADIO: Army twr temp inop. (1-20) VHF DF stn in oper on 139.32, 140.58 mcs. from 0800 to 1800, other times on req. Service may be requested by calling "Walla Walla Homer". (1-10) FLD: All blinker lgts on mtns E of fld inop. Twr, bndry lgts inop.
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD(WHIDBEY ISLAND)-Bcn opers on IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. Tetrahedron lgts inop. (12-12)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)
YAKIMA CO ARPT (YAKIMA)-RADIO: Soon twr voice and rcvg facs will be shut down (const), concurrently traffic controlled by lgt signals only. FLD: Use rnwys, taxiways only-graded areas soft, rough. Tetrahedron inop.(1-11)

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TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

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ELKINS AIRPORT-Contact Elkins Radio or circle fld before landing.(7-16)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains.(1-6)
SCOTT FLD(BECKLEY)-Use right traffic on N course. (12-31)

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CHAPLIN'S ARPT(PLYMOUTH)-NE/SW, NW/SE strips under const. (10-21)
CLINTONVILLE ARPT-Use plowed strips only. (1-8) These data rcvd too late for ⓞ symbol.
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)
★GEN. MITCHELL FLD(MILWAUKEE)-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs., 118.5,122.5 mcs. These data rcvd too late for inclusion in "AMRA". FLD: Code Bcn atop rot bcn discontd per.(1-7).These data rcvd too late for incl. in directory of airports. Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop.
GINNOW ARPT(OMRO)-Use strips only. (1-6)
LA CROSSE ARPT- Use rnwys only. (9-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-Snow fence erected 50' W of E bndry entire length of fld. E bndry moved in to snow fence. (11-8)

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MOREY ARPT(MADISON)-Use strips only. (1-8)
PLATTE AIRPORT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)
SHAWANO ARPT-Use rnwys only. (1-2)
SKY HAVEN ARPT(MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip.
SOLON SPRINGS ARPT-Const-unusable. (10-29)
STEVENS POINT AIRPORT-Use rnwys only. (8-9)
TAYLOR CO. ARPT (MEDFORD)-Avail. in emerg only. Very rough. Maintained for small acft only. (6-6)
TOMAH AIRPORT-N/S strip under const. (7-9)
TRUAX FLD(MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Fld lgts and svcg not avail. 0030 to 0730.
VETERANS FLD(MENOMONIE)-Rough. (1-2)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. (12-13)
WINNEBAGO CO. ARPT (OSHKOSH)-Use N/S, E/W rnwys only. (1-8)

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CASPER AAF-RADIO: Army air to ground stn. temp. inop. (11-20)
CHEYENNE ARPT-Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
FORT BRIDGER INT, SITE 9, SL-OH-Hazardous to all acft (snow).(1-13)
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
KNIGHT INT, SITE 6, SL-OH-Soon will be decomm. Bcn will remain in oper as airways bcn with course lgts changed from green to red. (10-20)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Stay on pavement. Equip. on fld. (12-31)
WARDWELL FLD(CASPER)-Use rnwys, taxi strips only-bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (10-30)

New editions of the charts listed below will be published in about one month, making former prints obsolete for use in aviation. Orders for these particular charts should be kept to a minimum for immediate requirements. As soon as the charts are available for distribution a second notice will appear in this publication.

Albany, Boston, Douglas, New York
WAC 309
21 DF
FC 175, 177, 214.

A new edition (or chart) of the charts listed below which make former prints obsolete is now available for use. Former prints should be destroyed or stamped "OBSOLETE FOR USE IN AVIATION."

For new editions, see attached list.

When ordering charts from the U. S. Coast and Geodetic Survey, correct remittances should accompany all orders. Sectional charts should be ordered by name; World Air charts by number with the prefix (WAC); Approach and Landing charts by number with the prefix (AL); Route charts by number with the prefix (FC). The above charts are priced at 25 cents each with the exception of Approach and Landing charts which are priced at 10 cents each.

Aroostook	December 31, 1946	24 DF	November 21, 1946
Chicago	December 24, 1946	FC 6	October, 1946
Detroit	December 31, 1946	FC 42	November 19, 1946
Lake Huron	Dec. 30, 1946	FC 173	November 25, 1946
Milwaukee	Dec. 31, 1946	FC 185	November 12, 1946
WAC 135	November 26, 1946	FC 221	November 14, 1946
WAC 265	December 5, 1946	FC 222	December 2, 1946
WAC 307	December 4, 1946	FC 223	November 12, 1946
WAC 308	December 12, 1946		

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	July 9, 1946	
Albuquerque	Sept. 9, 1946	
Aroostook	Dec. 31, 1946	
Austin	Aug. 11, 1946	
Beaumont	July 25, 1946	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct. 25, 1946
Boston	July 2, 1946	
Burlington	June 24, 1946	
Butte	May 15, 1946	Nov. 6, 1946
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Cheyenne	Nov. 12, 1946	
Chicago	Dec. 24, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	June 24, 1946	
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Grand Canyon	Feb. 19, 1946	Sept. 16, 1946
Grand Junction	Feb. 19, 1946	Sept. 13, 1946
Green Bay	June 12, 1946	Dec. 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Aug. 11, 1946	
Kansas City	Sept. 27, 1946	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
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Lake Superior	June 13, 1946	Dec. 3, 1946
Lake of Woods	May 24, 1946	Nov. 19, 1946
Lewiston	July 2, 1946	Dec. 3, 1946
Lincoln	Dec. 3, 1946	
Little Rock	Sept. 27, 1946	
Los Angeles	Aug. 12, 1946	
Miami	Aug. 8, 1946	
Miles City	May 13, 1946	Nov. 12, 1946
Milwaukee	Dec. 31, 1946	
Minot	June 6, 1946	Nov. 19, 1946
Mobile	Aug. 6, 1946	
Mt. Shasta	Oct. 25, 1946	
Mt. Whitney	Aug. 27, 1946	
Nashville	Oct. 13, 1946	
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Reno	May 17, 1945	Aug. 28, 1946
Roswell	Sept. 16, 1946	
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Sioux City	May 31, 1946	Nov. 22, 1946
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Twin Cities	May 31, 1945	Dec. 6, 1946
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Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

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WAC 215	Oct. 19, 1946	WAC 268	Dec. 2, 1946	WAC 309	July 13, 1946	WAC 364	Aug. 11, 1946
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Aug. 6, 1946	WAC 404	Aug. 28, 1946
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Aug. 28, 1946
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946
WAC 262	June 26, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946
WAC 263	June 18, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946
WAC 264	July 10, 1946	WAC 307	Dec. 4, 1946	WAC 362	Aug. 29, 1946	WAC 410	Oct. 13, 1946
WAC 265	Dec. 6, 1946	WAC 308	Dec. 12, 1946	WAC 363	Aug. 11, 1946	WAC 466	Aug. 10, 1946
						WAC 467	Aug. 6, 1946
						WAC 468	July 30, 1946
						WAC 469	July 25, 1946
						WAC 470	July 17, 1946
						WAC 471	July 15, 1946
						WAC 522	July 29, 1946
						WAC 525	Aug. 8, 1946

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21-DF	July 8, 1946	23-DF	Sept. 6, 1946	25-DF	Oct. 6, 1946
22-DF	July 22, 1946	24-DF	Nov. 21, 1946	26-DF	Oct. 30, 1946

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Brownsville	July 8, 1946
Los Angeles	Sept. 13, 1946
Miami	July 3, 1946
New York & Vicinity	Aug. 6, 1946
San Diego	Aug. 20, 1946
Seattle	Nov. 28, 1946
Washington	Nov. 7, 1946

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WAC 62	Feb. 1946	WAC 77	Mar. 1946	WAC 118	July 1946	WAC 136	May 1946	WAC 139	Mar. 1946	WAC 191	Apr. 1946
WAC 63	May 1946	WAC 78	Mar. 1946	WAC 119	Jan. 1946	WAC 137	Mar. 1946	WAC 186	Mar. 1946	WAC 192	Mar. 1946
WAC 64	Mar. 1946	WAC 117	Aug. 1946	WAC 135	Nov. 1946	WAC 138	May 1946	WAC 190	Apr. 1946	WAC 193	Mar. 1946
WAC 76	May 1946										

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FC 3	July 9, 1946	FC 14	Feb., 1945	FC 178	Nov. 13, 1946	FC 214	May 31, 1945	FC 225	June 7, 1945
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	July 11, 1946	FC 216	Oct. 26, 1946	FC 226	June 13, 1946
FC 6	Oct., 1946	FC 16	Aug. 6, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Sept. 12, 1945
FC 7	Aug. 6, 1946	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Aug. 1, 1946
FC 8	Sept. 17, 1946	FC 43	May 31, 1946	FC 184	Oct. 12, 1946	FC 219	Sept. 6, 1946	FC 229	July 9, 1946
FC 9	Sept. 17, 1946	FC 173	Nov. 25, 1946	FC 185	Nov. 12, 1946	FC 220	Sept. 11, 1946	FC 230	July 30, 1946
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Aug. 17, 1946	FC 221	Nov. 14, 1946	FC 231	July 22, 1946
FC 11	July 9, 1946	FC 175	May 31, 1946	FC 187	May 31, 1946	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
FC 12	Aug. 6, 1946	FC 176	Sept. 30, 1946	FC 188	Aug. 19, 1946	FC 223	Nov. 12, 1946	FC 233	Sept. 24, 1946
FC 13	May 28, 1946	FC 177	July 12, 1946	FC 213	Aug. 19, 1946	FC 224	May 31, 1945	FC 234	Dec. 2, 1946

AUXILIARY

3060b	Nov. 1, 1945	3060a	July 9, 1946

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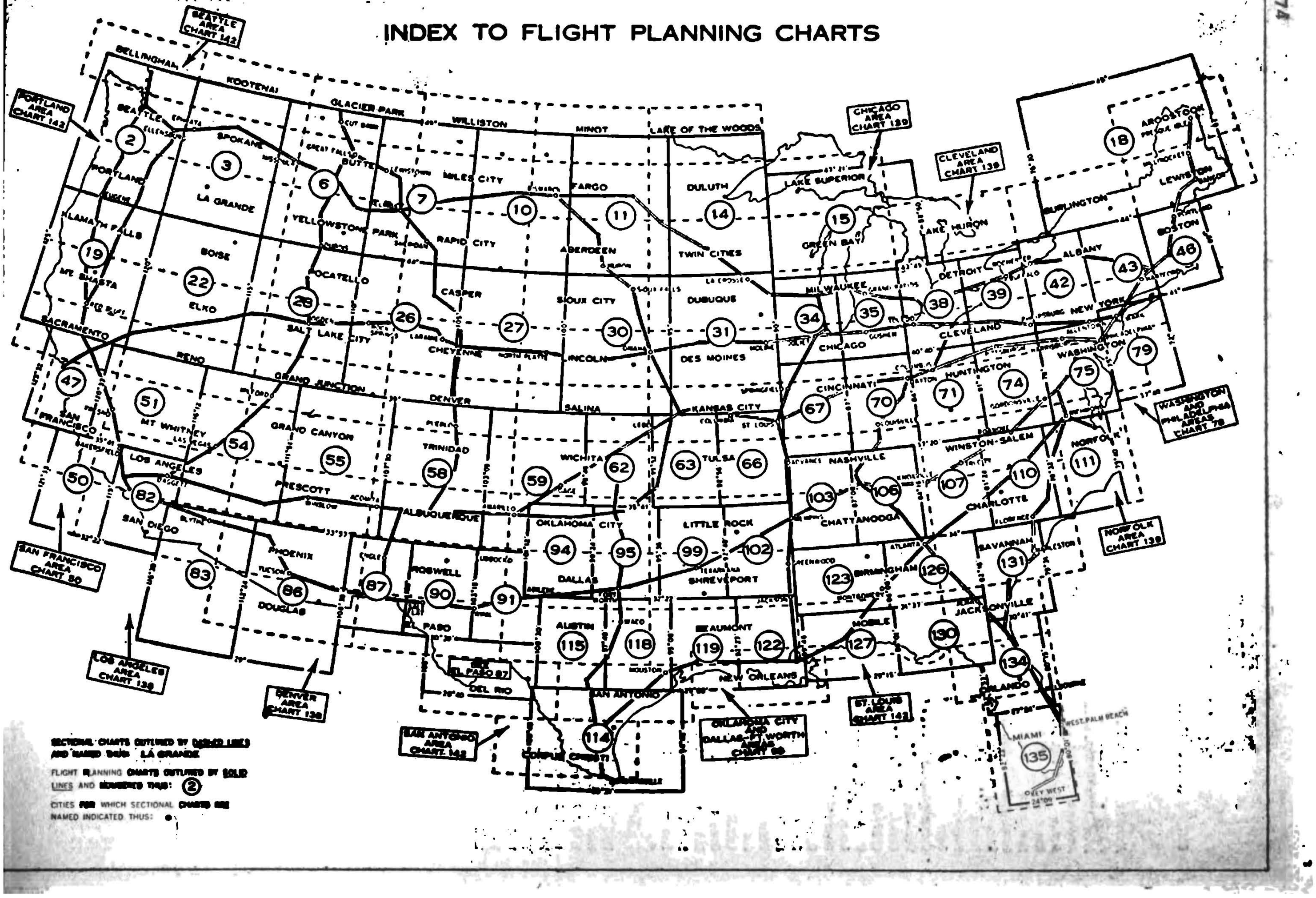

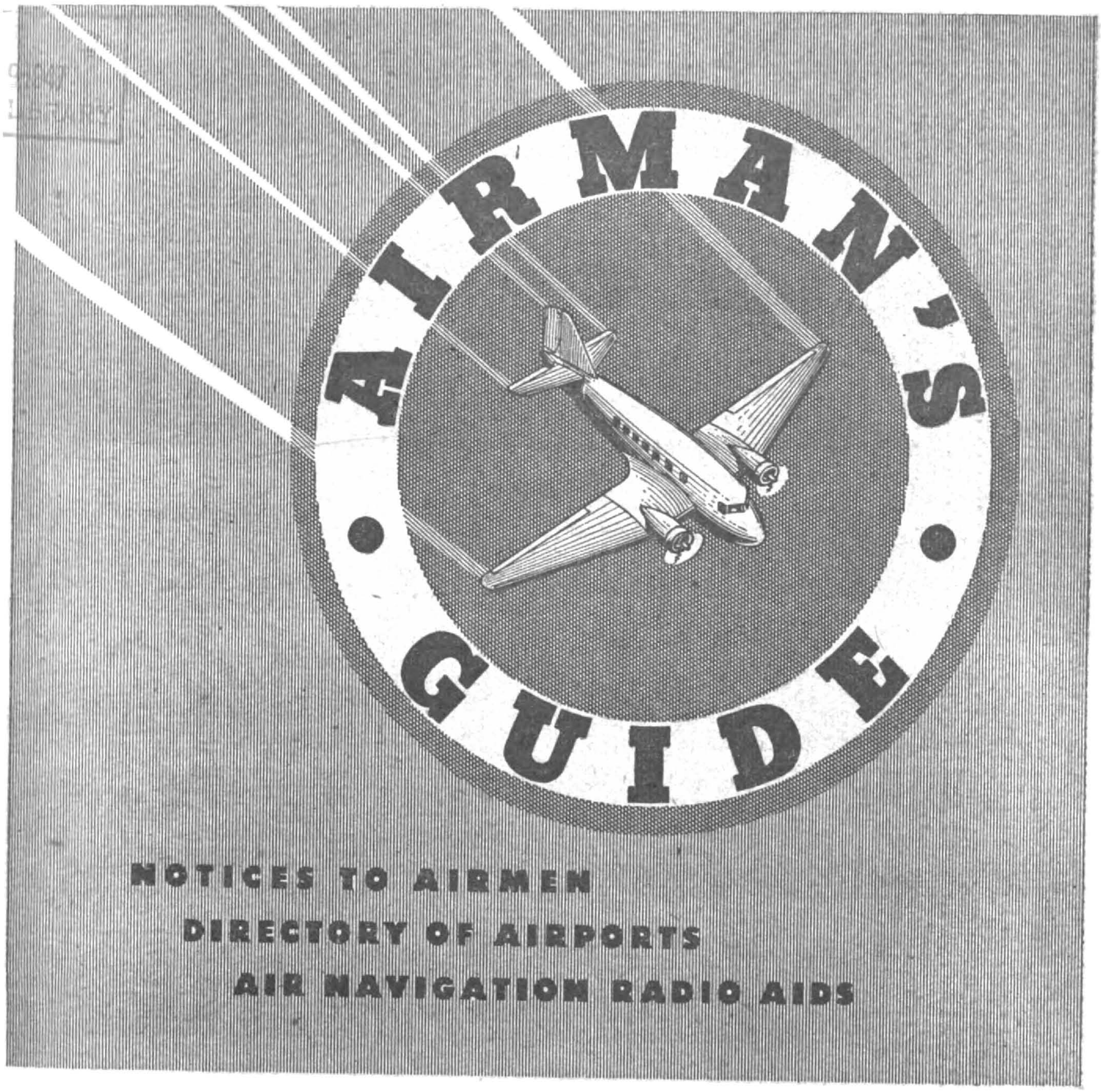

VOL. 1, NO. 23.. FEBRUARY 4, 1947

This issue includes all data on record as of 0001 E. S. T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

For sale by Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. – Price 30 cents per copy, $7.50 per year

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Buhl (23)*
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Cayuse Creek (3)*
Challis (6)
Coeur d' Alene (3)
Dixie (3)*
Dubois (6)
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Emmett (22)
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Gowen (22)
Grangeville (3)
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Knox (3)*
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Lewiston (3)
McCall (3)
Mackay (23)*
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Strevell (23)
Tensed (3)
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Weiser (3)

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Springfield (67)
Steger (34)
Sterling (34)
Stockton (34)
Streator (34)
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Van Orin (34)
Warren (34)
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Atterbury (70)
Attica (67)
Auburn (35)
Baer (35)
Bargersville (70)
Bedford (70)

Bloomingdale (67)
Bloomington (70)
Bluffton (35)
Brownsburg (70)
Bunker Hill (70)
Cedar Grove (70)
Cedar Lake (34)
Chalmers (35)
Charlestown (70)
Clayton (70)
Columbus (70)
Connersville (70)
Crawfordsville (70)
Crown Point (34)
Culver (35)*
Cynthiana (67)
Danville (70)
Decatur (35)
Demotte (34)
Dyer (139)
Elkhart (35)
Elwood (70)
Evansville (67)
Fortville (70)
Fort Wayne (35)
Frankfort (70)
Franklin (70)
Freeman (70)
French Lick Sprgs (70)
Gary (139)
Goshen (35)
Greencastle (70)
Greenfield (70)
Greensburg (70)
Greenwood (70)
Hobart (139)
Huntingburg (70)
Hymington (35)
Indianapolis (70)
Jeffersonville (70)
Kentland (34)
Kingsmas (67)
Knox (35)
Kokomo (70)
Lafayette (70)
La Fontaine (35)
Lagoda (70)
Lake Village (34)
Lapel (70)
La Porte (35)
Lawrenceburg (70)
Lebanon (70)
Linton (67)
Lizton (70)
Logansport (35)
Lowell (34)
McCool (139)
Madison (70)
Marion (70)
Martinsville (70)
Medaryville (35)
Michigan City (35) (139)
Milroy (70)
Mishawaka (35)
Monticello (35)
Mooresville (70)
Morgantown (70)
Mount Vernon (67)
Mulberry (70)
Muncie (70)
New Carlisle (35)
New Castle (70)
Noblesville (70)
North Manchester(35)
Notre Dame (35)
Oaktown (67)
Ockley (70)
Orleans (70)
Perrysville (67)
Peru (35)
Plainfield (70)
Plymouth (35)
Portland (70)
Ramsey (70)
Rensselaer (34)
Richland (67)
Richmond (70)
Rochester (35)
Rushville (70)
Salem (70)
Scottsburg (70)
Selma (70)
Seymour (70)
Shelbyville (70)
Sheridan (70)
Shoals (70)
South Bend (35)
Stout (70)
Terre Haute (67)
Valparaiso (139)
Vevay (70)
Vincennes (67)
Wabash (35)
Warsaw (35)
Washington (67)
Wellsboro (35)
West Lebanon (67)
Winchester (70)
Yorktown (70)
Zionsville (70)

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Adair (31)
Algona (31)
Anita (31)
Ames (31)
Armstrong (31)
Atlantic (30)
Audubon (30)
Bellevue (31)
Burlington (31)
California (30)
Carroll (31)
Cedar Rapids (31)
Centerville (31)
Chariton (31)
Cherokee (30)
Clarinda (30)
Clarion (31)
Clermont (31)
Clinton (31)
Columbus Jct. (31)
Conrad (31)
Council Bluffs (30)
Creston (31)*
Davenport (31)
Decorah (31)
Denslon (30)
Des Moines (31)
Dows (31)
Dubuque (31)
Dunlap (30)
Dyersville (31)
Earlham (31)
Eldora (31)
Elkader (31)
Emmetsburg (31)
Estherville (31)
Fiscus (30)
Floyd (31)
Fort Dodge (31)
Garner (31)
Glenwood (30)
Grimes (31)
Grinnell (31)
Grand Mound (31)
Grundy Center (31)
Guthrie Center (31)
Hancock (30)
Harlan (30)
Ida Grove (30)
Independence (31)
Iowa City (31)
Iowa Falls (31)
Jefferson (31)
Keokuk (31)
Lake City (31)
Lamoni (31)
Le Mars (30)
Leon (31)
Lone Tree (31)
Lucas (31)
Manning (30)
Marshalltown (31)
Mason City (31)
Mechanicsville (31)
Melbourne (31)
Milford (30)
Missouri Valley (30)
Monela (30)
Monroe (31)
Monlezuma (31)
Mt. Airy (31)
Mt. Pleasant (31)
Muscatine (31)
Newton (31)
Ocheydean (30)
Onawa (30)
Oskaloosa (31)
Ottumwa (31)
Pella (31)
Perry (31)
Pocahontas (31)
Randolph (30)*
Red Oak (30)
Riceville (31)
Rock Rapids (30)
Sac City (31)
Seymour (31)
Sheldon (30)
Shenandoah (30)
Sioux City (30)
Sloan (30)
Spencer (20)
Spirit Lake (30)
Storm Lake (30)
Strawberry Point(31)
Stuart (31)
Sutherland (30)
Traer (31)
Washington (31)
Waterloo (31)
Webster City (31)
Wesley (31)
Winterset (31)

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Abilene (62)
Anthony (62)
Arkansas City (62)
Ashland (59)
Atchison (30)
Atwood (27)
Augusta (62)
Belleville (30)
Beloit (30)
Bern (30)
Brewster (27)
Caldwell (62)
Cassoday (62)
Cedar Point (62)
Chanute (63)
Clay Center (30)
Coffeyville (63)
Colby (27)
Coldwater (59)
Concordia (30)
Derby (62)
De Soto (31)
Dodge City (59)
Downs (30)
Edwardsville (31)
El Dorado (62)
Ellinwood (62)
Emporia (62)
Eureka (62)
Fairfax (31)
Ft. Leavenworth (31)
Ft. Riley (30)
Fort Scott (63)
Fredonia (63)
Garden City (59)
Gardner (63)*
Garnett (63)*
Girard (63)
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Greensburg (59)
Hays (59))
Hazleton (62)
Herington (62)
Hiawatha (30)
Hoisington (62)
Holton (30)
Holyrood (62)
Hutchinson (62)
Independence (63)
Iola (63)
Johnson (69)
Kansas City (31)
Kechi (62)
Kingman (62)
Kinsley (59)
Kiowa (62)
Lakin (59)
Larkinburg (30)
Larned (59)
Lawrence (30)
Leavenworth (31)
Lebo (63)
Lenexa (63)
Lenora (27)*
Liberal (59)
Lyons (62)
McPherson (62)
Manhattan (30)
Mankato (30)
Marion (62)
Marshall (30)
Meade (59)
Medicine Lodge (62)
Morland (27)

(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Moundridge (62)
Newton (62)
Norton (30)
Oberlin (27)
Olathe (63)
Ottawa (63)
Oxford (62)
Paola (63)
Parsons (63)
Phillipsburg (30)
Pittsburg (63)
Plains (59)
Pratt (62)
Russell (59)
St. Francis (27)
Salina (62)
Satanta (59)
Scott City (59)
Sedan (62)
Seneca (30)
Sharon Springs (59)
Sherman (31)
Smith Center (30)
Smoky Hill (62)
Stafford (62)
Stanley (63)
Summerfield (30)
Syracuse (59)
Topeka (30,63)
Towanda (62)
Viola (62)
Wakefield (30)
Waldo (30)
Walker (59)
Wellington (62)
Wellsville (63)
Wichita (62)
Winfield (62)

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Ashland (71)
Bowling Green (106)
Bowman (70)
Campbell (103)
Covington (70)
Danville (70)
Eastwood (70)
Fort Knox (70)
Frankfort (70)
Glendale (70)
Godman (70)
Henderson (67)
Hopkinsville (103)
Lexington (70)
London (107)
Louisville (70)
Madisonville (67)
Mayfield (103)
Maysville (71)
Middlesboro (107)
Owensboro (67)
Paducah (103)
Paris (70)
Russell (71)
Shelbyville (70)
Shepherdsville (70)
Somerset (106)
Sturgis (67)
Sulphur (70)
Union (70)
Warsaw (70)

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Barataria (122)
Barksdale (99)
Bastrop (99)
Baton Rouge (122)
Bogalusa (122)
Camp Polk (119)
Covington (122)
Crowley (119)
Delhi (102)
De Quincy (119)*
De Ridder (119)
Dixie (99)
Donaldsonville (122)
Eunice (122)
Ferriday (122)
Gilbert (122)
Grand Isle (122)*
Hammond (122)
Hodge (119)
Houma (122)
Jennings (119)
Lafayette (122)
Lake Charles (119)
La Place (122)
Leesville (119)
Madisonville (122)
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Minden (99)
Monroe (102)
Natchitoches (119)
Newellton (122)
New Iberia (122)
New Orleans (122)
New Roads (122)
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Opelousas (122)
Patterson (122)
Pollock (119)
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Tallulah (102)
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Augusta (18)
Bangor (18)
Bar Harbor (18)
Belfast (18)
Bethel (18)
Biddeford (46)
Bowdoinham (46)
Brewer (18)
Brunswick (46)
Caribou (18)
Deblois (18)
Dexter (18)
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East Corinth (18)
Eastport (18)
Farmington (18)
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Princeton (18)
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Yarmouth (46)

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Croom (78)
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Doncaster (75)
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Hagerstown (75)
Hyattsville (78)
Meekins Neck (75)
Ocean City (75)
Patuxent River (75)
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Fostoria (38)
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Fraser (38)
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Gaylord (15)
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Lansing (35)
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Loretto (15)*
Ludington (15)
Mackinaw City (15)*
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Manistique (15)*
Marenisco (15)*
Marquette (15)
Marshall (35)
Mason (35)
Menominee (15)
Midland (35)
Milan (38)
Mio (15)*
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Mt. Pleasant (35)
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Muskegon (35)
Newaygo (35)
Newberry (15)*
Newport (38)
Niles (35)
Norway (15)
Onaway (15)*
Oscoda (15)
Owosso (35)
Pellston (15)
Petoskey (15)*
Plymouth (38)
Pontiac (38)
Port Huron (38)
Prudenville (15)*
Race (15)
Rexton (15)*
Rogers City (15)
Romulus (38)
Roscommon (15)*
Roseville (38)
Rothbury (35)
Saginaw (35,38)
St. Helen (15)
St. Ignace (15)
St. James (15)*
Saline (38)
Sault Ste. Marie (15)
Selfridge (38)
Sidnaw (15)*
South Branch (15)
South Haven (35)
Sparta (35)
Sturgis (35)
Tecumseh (38)
Three Rivers (35)
Traverse City (15)
Utica (38)
Warren (38)
Watersmeet (15)*
Wayne (38)
West Branch (15)
White Cloud (35)*
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Wildwood (15)
Wixom (38)
Wyandotte (38)
Ypsilanti (38)

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Alexandria (11)
Amboy (31)
Anoka (14)
Appleton (11)
Austin (31)
Barnesville (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (31)
Brainerd (14)
Camp Ripley (14)
Cokato (14)
Coleraine (14)
Crookston (11)
Detroit Lakes (11)
Dodge Center (14)
Duluth (14)
Ely (14)
Fairmont (31)
Faribault (14)
Fergus Falls (11)
Frontenac (14)
Graceville (11)
Grand Rapids (14)
Hamel (14)
Hastings (14)
Hector (14)
Hibbing (14)
Jordan (14)
Kenyon (14)
Lake City (14)
Le Sueur (14)
Little Falls (14)
Littlefork (14)
Litchfield (14)
Luverne (30)
Madison (11)
Mankato (14)
Marshall (11)
Mayer (14)*
Minneapolis (14)
Montevideo (11)
Monticello (14)
Morris (11)
New Brighton (14)
Nisswa (14)
New Ulm (14)
Ortonville (11)
Osseo (14)
Owatonna (14)
Park Rapids (11)
Pipestone (30)
Princeton (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester (31)
St. Cloud (14)
St. Paul (14)
St. Peter (14)
Sherburn (31)
South St. Paul (14)
Stanton (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte (14)
Triumph (31)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake (14)
Willmar (11)
Winona (14)
Worthington (30)

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Brookhaven (122)
Canton (102)*
Clarksdale (102)
Cleveland (102)
Columbus (123)
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Ellisville (127)*
Eupora (123)
Flora (102)
Florence (122)
Forest (123)
Glen Allan (102)
Greenville (102)
Greenwood (102)
Grenada (123)
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Houston (123)
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Keesler (127)
Laurel (123)
Leland (102)
Louisville (123)
McComb (122)
McLaurin (127)
Marks (102)
Meridian (123)
Moorhead (102)
Natchez (122)
Nesbit (102)
Newton (123)*
Oxford (103)
Pascagoula (127)
Pelahatchee (123)
Picayune (127)
Rockport (122)
Starkville (123)
Tupelo (103)
Tylertown (122)
Vicksburg (102)
Wells (102)
Winona (123)
Yazoo (102)
Yokena (122)
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Advance (103)
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Bolivar (63)
Boonville (66)
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Branson (63)*
Brookfield (31)
Butler (63)
Cabool (66)
Cameron (31)
Campbell (66)
Cape Girardeau (103)
Carthage (63)
Cassville (63)
Charleston (103)
Chillicothe (31)
Clinton (63)
Columbia (66)
Craig (30)
Diamond (63)
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Bellingham (2)
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Burlington (2)
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(85)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations li

Pulaski,Wisc.(15) Green Lake,Wisc.(15,34) Rankin,Tex.(91) Rotan,Tex.(91) Seminole,Tex.(94) Texas,Tex.(91) Post,Tex.(91) Turkey,Tex.(94)

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs.
(4) - Station guards 3106, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data *

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators),power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators),power 150 watts or more
RL.....Range (loop radiators),power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Voice communication with aircraft
VAR.....Visual-aural VHF range
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1	•————	3	•••––	5	•••••	7	––•••	9	————•
2	••–––	4	••••–	6	–••••	8	———••	0	—————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered nondirectional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency and, generally, VHF of 116.1 mcs.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, *see FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in part by Navy
★ CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N), or (CG) follows the airport name.

SIZE — CLASS

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl.")

N B Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station.
R2: Range (or homing device), and tower
R3: Range (or homing device), tower, and instrument landing system.

LIGHTS

L: Incomplete lighting, either flood or portable runway lights.
L1: Beacon only.
L2: Beacon and boundary.
L3: Beacon, boundary, and obstruction.
L4: Beacon, boundary, obstruction, and flood.
L5: Beacon, boundary, obstruction, flood, and runway contact
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach.
(L5): High intensity runway contact lights
(L6): High intensity instrument approach lights

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

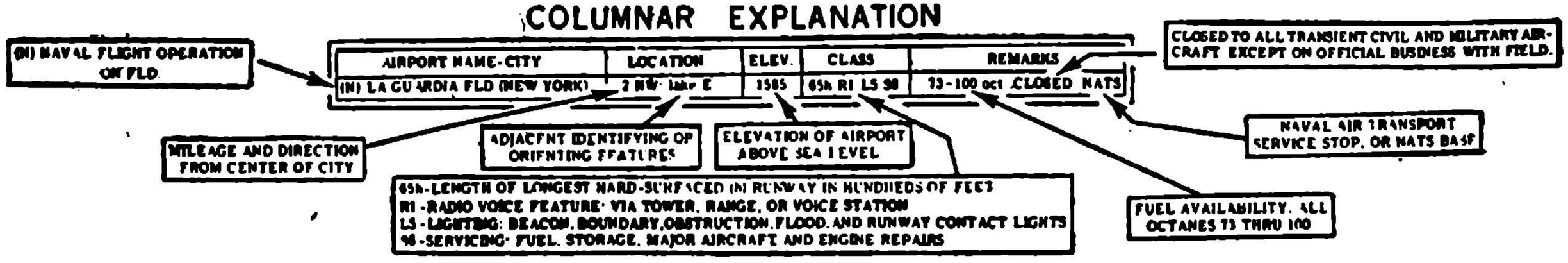
S1: Fuel.
S2: Fuel, storage.
S3: Fuel, storage, minor aircraft repairs.
S4: Fuel, storage, minor aircraft, and minor engine repairs.
S5: Fuel, storage, major aircraft, and minor engine repairs.
S6: Fuel, storage, major aircraft, and major engine repairs.

N B Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there.
Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. New or revised data. ✱
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the United States Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no ★ = fixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct." indicates octane rating of fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS" indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS. Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	Army Field	LTA	Lighter than Air	(N)	Navy Field	NAS	Naval Air Station
AAB	Army Air Base	MCAS	Marine Corps Air Station	NAAF	Naval Aux. Air Facility	NPG	Naval Proving Ground
AAF	Army Air Field	MCAAF	Marine Corps Aux. Air Facility	NAAS	Naval Aux. Air Station	OLF	Outlying Field (Navy)
CGAS	Coast Guard Air Station	MCGB	Marine Corps Glider Base	NAF	Naval Air Facility		

✱ AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TENTED LINE WILL BE FOUND OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

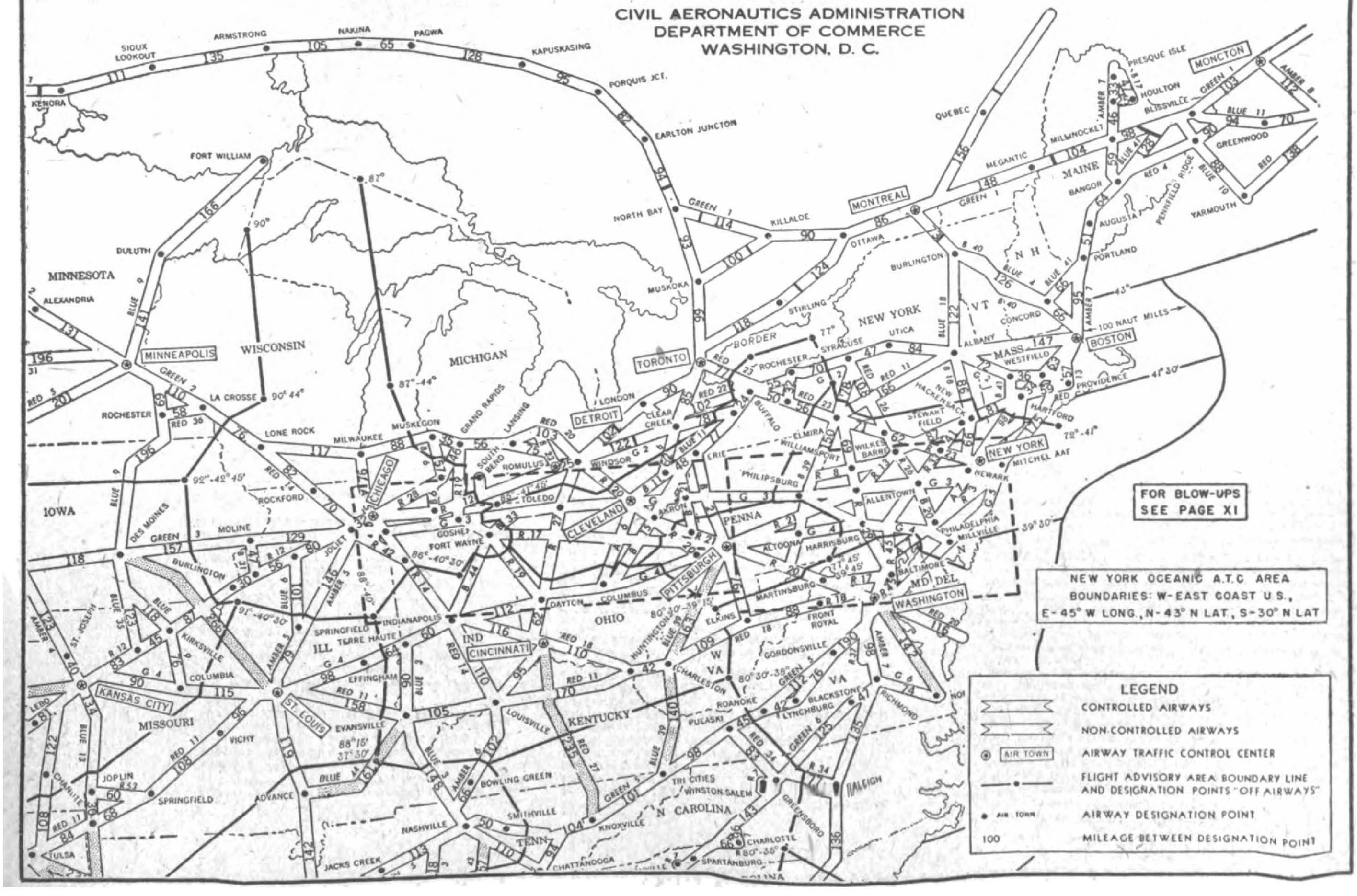
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

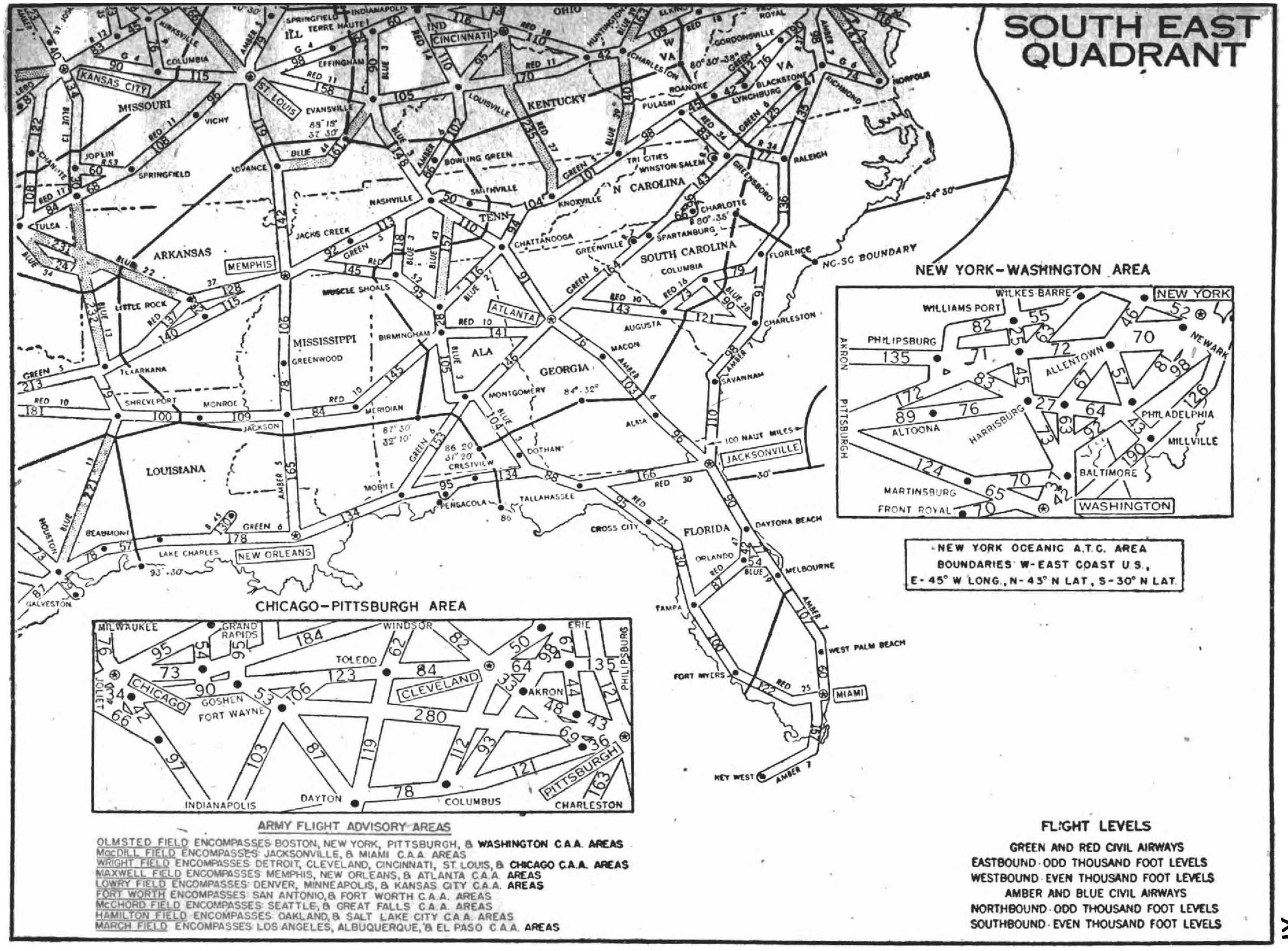
INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

DATE: APRIL 15, 1946

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



SOUTH EAST QUADRANT



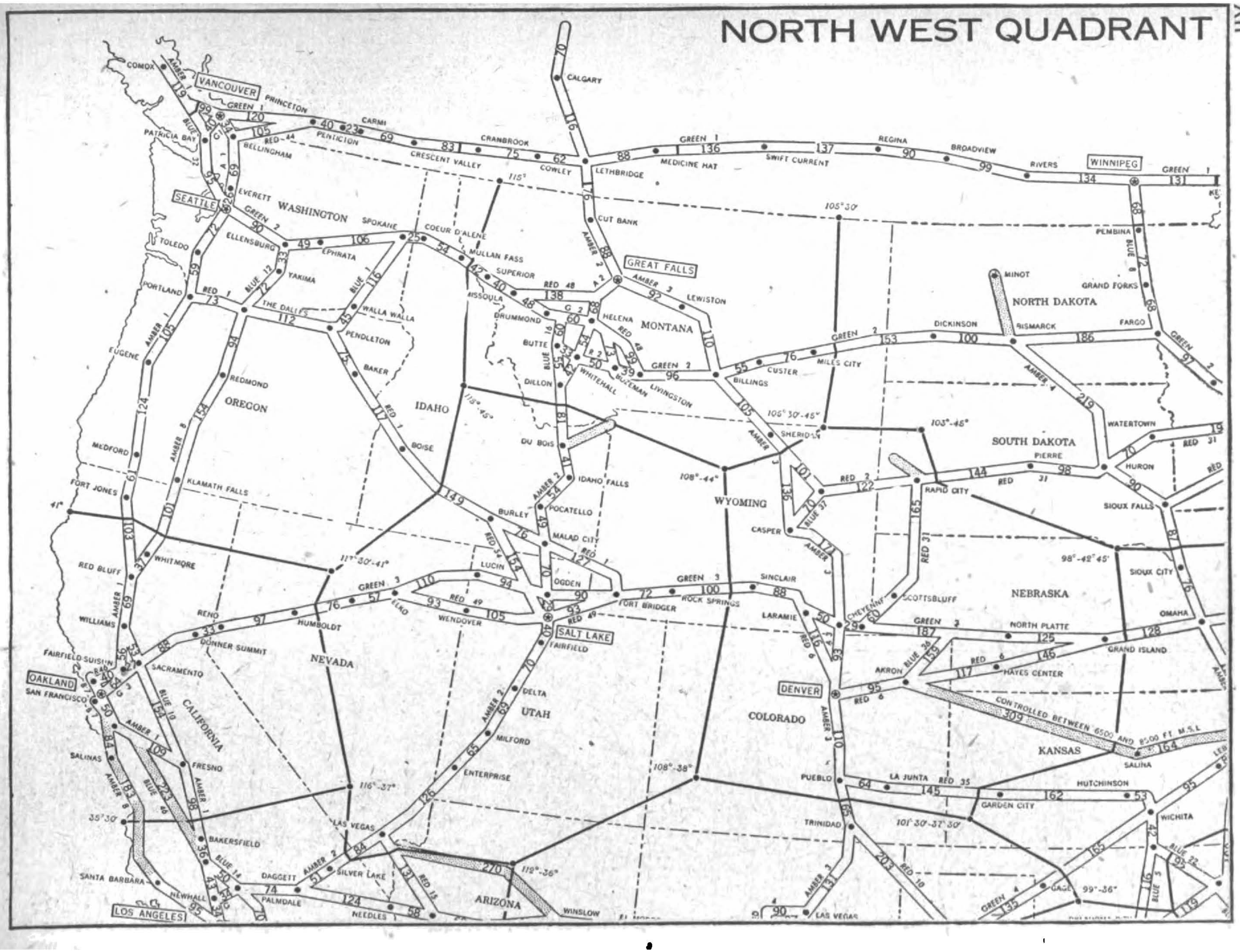
ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & **WASHINGTON C.A.A. AREAS**
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & **CHICAGO C.A.A. AREAS**
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. **AREAS**
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. **AREAS**
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. **AREAS**

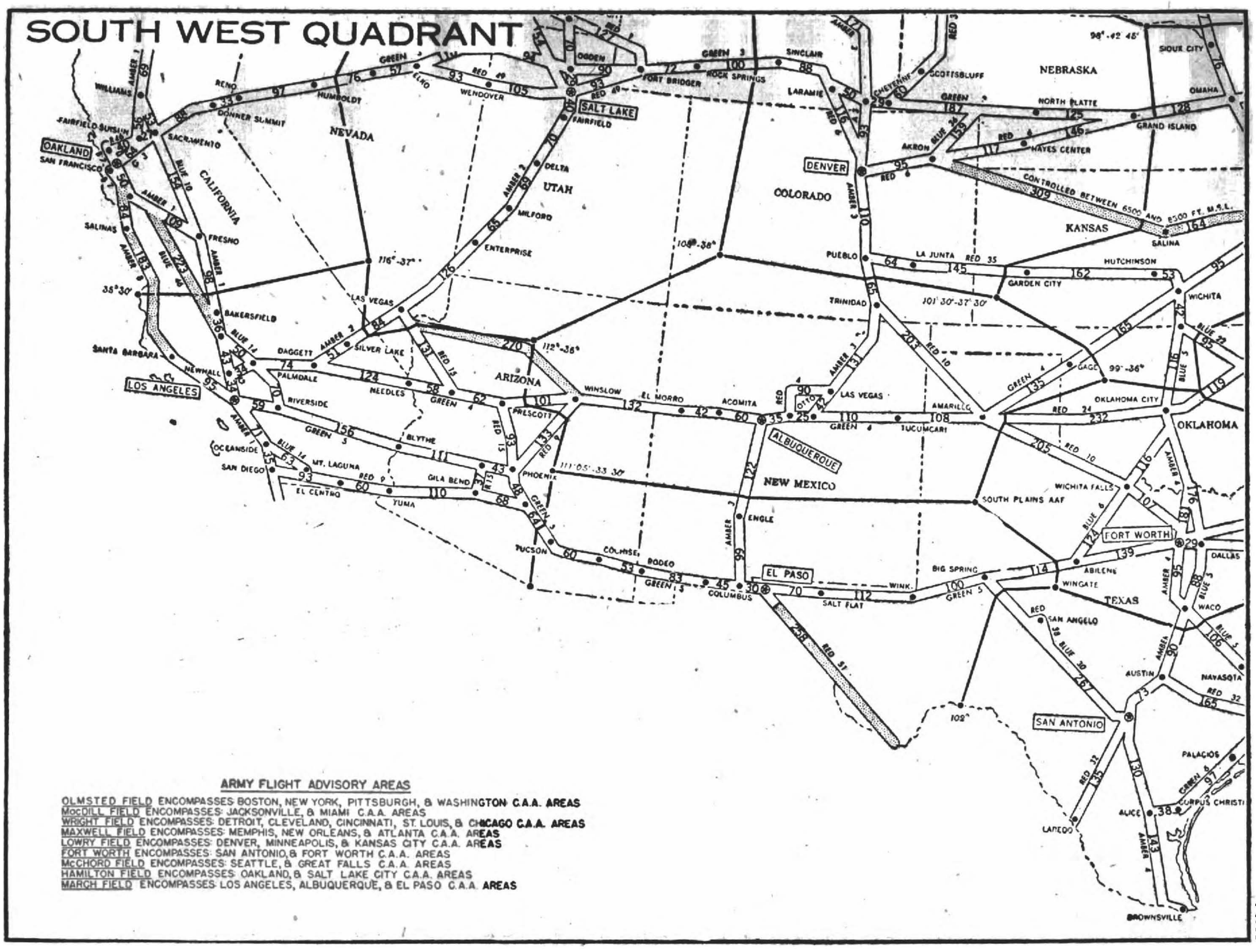
FLIGHT LEVELS

GREEN AND RED CIVIL AIRWAYS
EASTBOUND - ODD THOUSAND FOOT LEVELS
WESTBOUND - EVEN THOUSAND FOOT LEVELS
AMBER AND BLUE CIVIL AIRWAYS
NORTHBOUND - ODD THOUSAND FOOT LEVELS
SOUTHBOUND - EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT



SOUTH WEST QUADRANT



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MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT PLANNING CHARTS
LEGEND

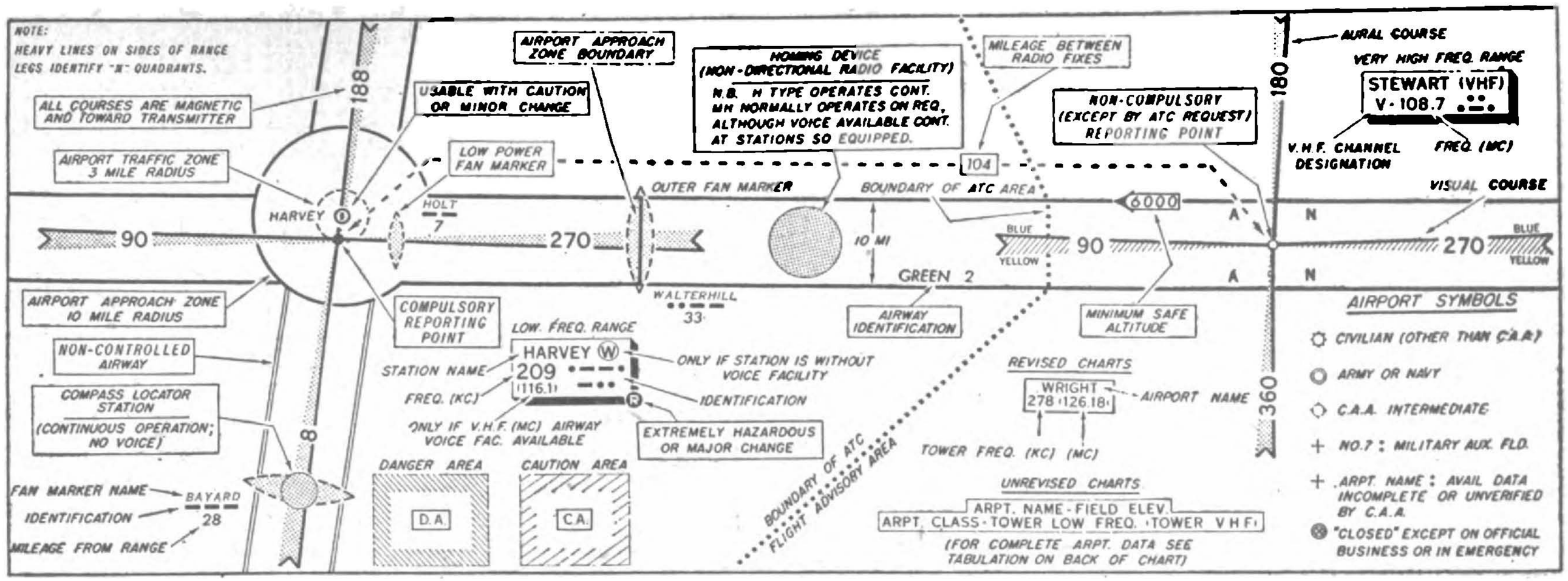


CHART CONTENTS

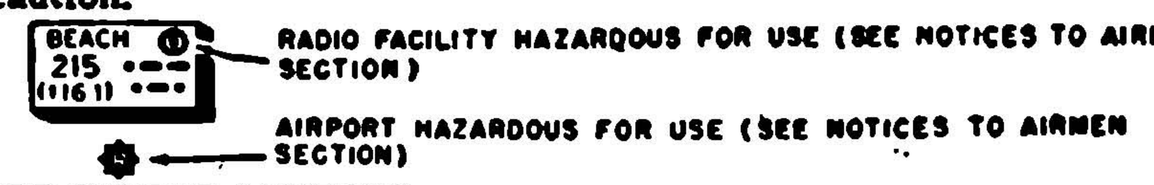
The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages; (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE & USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range frequency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS)
PORTLAND (AAB)	332 (PD)(116.1)	SBRAZ-DTV,171°,3.1	(3); 116.1
REDMOND (Roberts)	368 (RG)	SBRAZ-DT, 101°,4.3	(4)
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-1630)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ BELLINGHAM	209 (JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
→ EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
→ ELLENSBURG (Bowers)	385 (EB)(116.1)	SBMRAZ-DTV,270°,2	(4); 116.1
EVERETT (Paine)	224 (MI) (116.1)	BMRLZ-DTV,330°,3.1	(4); 116.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
→ SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3); 116.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
→ TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
→ Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
→ WOODLAND FM	(. - - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA)(116.1)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
EUGENE (Mahlon Sweet).OREG(L6)	109.9	333.8	159° Mag.	IM- ·-·· (0.63)	MM- ·-·· (0.63)	OM- ·· (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ✈—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend (new)	5.5 ENE;hwy S	3429	40 S6	80 oct.Pwrline SE.Use strips
" (old) (NC)	7.8 N;hwy E	3350	44	Pole line W, NW.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3SW; RR E	340	21 S4	80 oct.
(A)Madras	2 NNW;RR SE	2420	74h	CLOSED.
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L5	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2SSE;RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No bcn.
Santiam Junction Flight Strip (Idanha) (NC)	21.5SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.

AIRPORTS — WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Bowers Aux. (Ellensburg)	8.6 NNW	2140	30	
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9WNW;RR NW	290	52h L5 S2	80 oct.No bcn.Fld lgts prior req.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT OF ENTRY
(N)Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	288	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZARDOUS.
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
→ Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	12 S1	73, 91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7NNW;	195	50h	8 mi. W of Forks.
Shelton	2.5 NW;hwy ENE	278	52h	Tower NW.
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9SW;RR N	16	33 S6	80 oct. Poles,trees ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo Int, 63B, SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3NW Oak Harbor	17	70h R2(L6) S2	91, 100 oct.
(N)YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.

NEW AIRPORTS

a-hard surfaced [illegible]. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x1) NC (not charted). → NEW OR REVISED DATA

2 SEATTLE

I. USABLE WITH CAUTION
R. EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA

INTERCITY ○
TWISP ○

BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 287 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
ELLENSBURG 385 (116.1)
YAKIMA CO. 278 (116.5)
PORTLAND 332 (116.1)
THE DALLES 230 (116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
EUGENE 251 (116.1)
REDMOND 368

BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
NAAS, ARLINGTON
COUPEVILLE OLF
CAMANO IS
EVERETT
SNOHOMISH
PAINE
DUNGENESS 62
CLALLAM CO.
COUNTY-CITY
QUILLAYUTE
HOBART 15
EASTON
EASTON 37
CLE ELUM
BOWERS AUX.
PANGBORN
FANCHER
SHELTON
LAKEVIEW 26
BOWERS
CAMERON
TO EPHRATA
MOON IS
OLYMPIA
WESTPORT
CHEHALIS CO-CITY
TOLEDO
WASH. 5 D.A.
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 142
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
WOODLAND 23
STEVENSON 32
WASHOUGAL 18
HOOD RIVER
TOPPENISH
SPOKANE 3
ORE. 2 D.A.
ARLINGTON
TO PENDLETON
WASH. 1 D.A.
BAY OCEAN
COASTWAY AERO
THE DALLES
WASCO
McMINNVILLE
SKY HAVEN
McNARY
DALLAS
RAY ADAMS
ALBANY
CORVALLIS JCT
CORVALLIS
LEBANON
LANGMACK
NEWPORT
HARRISBURG
MAHLON SWEET
WILLAMETTO
MEDFORD
MEDFORD 19
MADRAS AAF
ROBERTS
PRINEVILLE
BEND (NEW)
CHEMULT

114 219 R44 321 1000 39 123 178 99 257 358 63 336 185 BLUE 32 150 6000 206 268 8000 9000 GREEN 2 90 175 229 7000 355 72 330 177 5000 342 187 97 248 62 333 59 151 7000 123 213 60 243 75 246 112 83 303 356 4000 176 AMBER 105 184 BLUE 12 72 163 AMBER 8 101 79 244 64 281 356

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: MTAF LIMITS ON SIDES OF ARTC HIGH QUADRANTS

DOROTHY SCOTT
TONASKET
OKANOGAN NO. 1
OKANOGAN LEGION
COLVILLE
NEWPORT
SANDPOINT
LIBBY
EUREKA
MONT.
WASH.
IDAHO
IDAHO MONT.
STATUTE MILES
HAFER'S
DEER PARK
SPOKANE 365 (116.1)
COEUR D'ALENE 347
ANDERSON
CHELAN
EPHRATA 269 (116.1)
DAVENPORT
CALKINS AIR TERMINAL
FELTS 278 (118.5)
SPOKANE AAF 245 (126.1R)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
LE MEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206
LIND
LA CROSSE
WASH. 5 D.A.
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
CONNELL
WASH. 8 D.A.
ASOTIN CO.
OROFINO
GREAT FALLS SEATTLE
GREAT FALLS 6
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
NAS PASCO
RICHLAND
PROSSER
VISTA
TWIN CITY
MARTIN
WALLA WALLA AAF 396 @ 116.1, 126.1R
KAMIAH
SKY RANCH
WASH.
ORE.
IDAHO CO.
PENDLETON 270 (118.7)
OREGON SKY RANCH
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS. SER
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (116.1)
LA GRANDE
PILOT ROCK
LA GRANDE
ORE. IDAHO
BAKER 221 (116.1)
MCCALL
BAKER
JOHN DAY
WEISER
PAYETTE 49
PAYETTE
CASCADE
SEATTLE SALT LAKE CITY
SEATTLE 2
ECKO 22
ONTARIO
BOISE 350
TO THE DALLES

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347 (EQ)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
[redacted]			
MULLAN PASS	206 (MN)	BMRLZ-DT	(4)
[redacted]			
→ BAKER	221(BK)(116.1)	SBRAZ-VDT;116°,1.8	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
PENDLETON	341 (PO)(116.1)	SBRAZ-VDT	(9):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4)122.5,126.18,118.7
[redacted]			
→ EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
→ FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
→ SPOKANE (Felts)	365 (SM)(116.1)	SBRAZ-DTV	(3):116.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(118.1)	SBMRLZ-VDT	(4) :116.1
→ Walla Walla AAF	396(126.18,116.1)	CA ;182°,3.8	(4):126.18,116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + -- Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
* Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,RR NE	2120	34 S6	80 oct.

MONTANA

→ Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
[redacted]				
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
La Grande	5.5 ESE,RR SW	2713	47h L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h [illegible] L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
[redacted]				
Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
→ Touchet Valley (Huntsville)(NC)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
→ Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-VDT,310°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;69°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
→ DRUMMOND (Int.)	296 (DR)	SBMRAZ-DT,185°,1.3	(4)
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
→ Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
→ HELENA	371 (HL)(116.1)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
→ HELENA ARPT	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT,247°,2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308 (MX)(116.1)	SBMRAZ-VDT,120°,1.5	(4); 116.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254 (SP)	BMRLZ-DT,275°,0.1	(4)
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois ,23,SL-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC)
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.

MONTANA

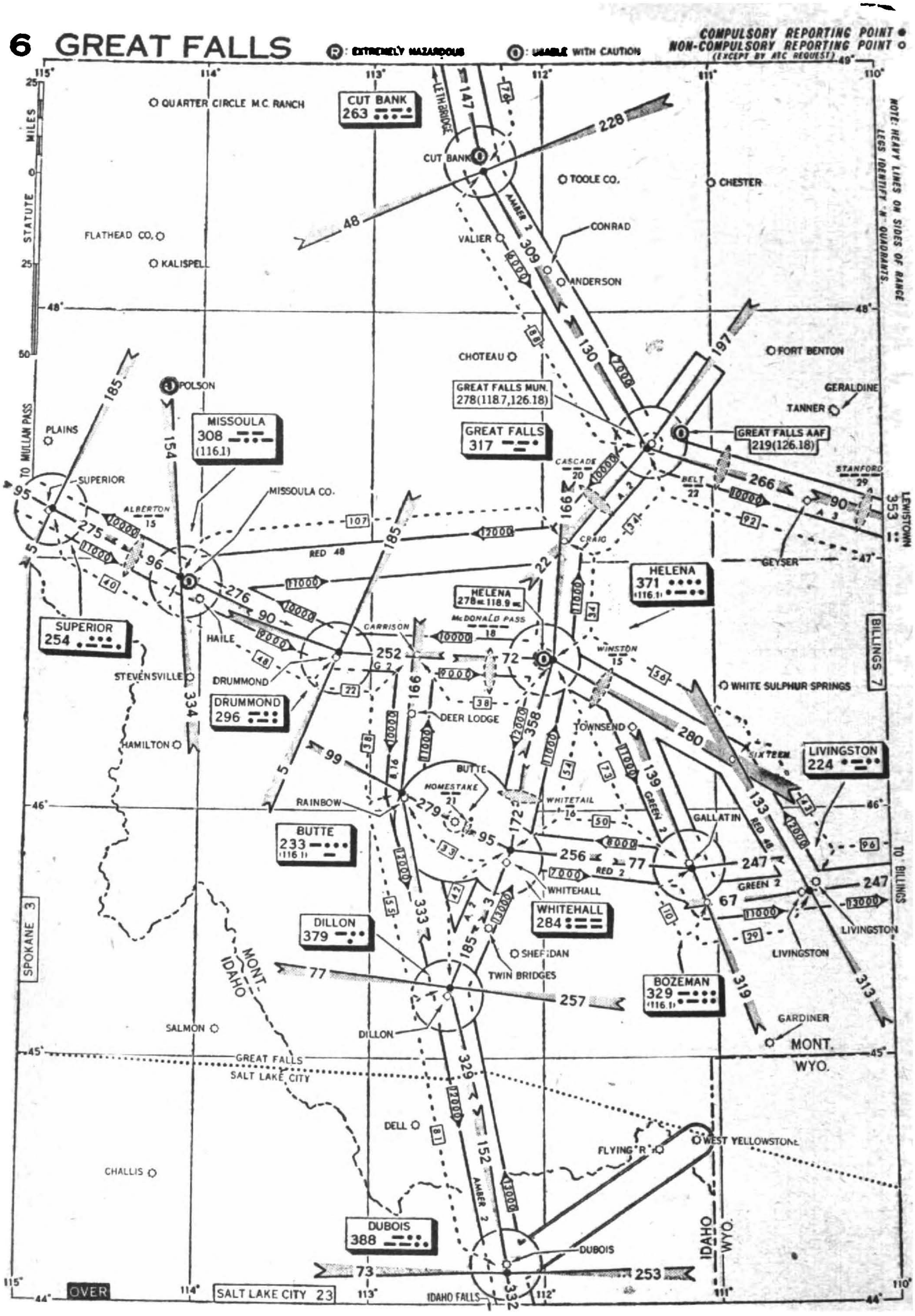
→ Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21		Closed to public
→ Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22		Closed to public
→ Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake	4200	22		Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25		(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4		80,91 oct.
→ Chester	1.5 WNW; RR S	3150	44		
(P) Choteau	1.2 NNE;RR W	3810	39 S4		80 oct.
→ Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	25		
Conrad	1.1 W; creek S	3530	32 S1		80 oct.
→ (P) CUT BANK	3 SW;riv 1 E	3899	87h R1 L5 S6		80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1		80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2		
★ Dillon Int,32, SL-GT	4,6 ENE;riv 2 W	5238	38 R1L3S1		80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int,44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7,4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public.
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.IP-1.Foreign clearing station.
→ Hale (Missoula)	2.3 SSW;hwy NW	3200	38 L4 S6	80 oct.All lgts prior req.
→ Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2,2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S1	80 oct.
★ " Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3	Poles S.
→ Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3199	71h R1 L5 S2	80,100 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct
→ Schaeffer (Flathead Nat'l Forest)(NC)	14 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
→ Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
→ Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
→ West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ : USABLE WITH CAUTION

BILLINGS 7

NOTE: HEAVY LINES ON SIDES OF BLOCK USE IDENTIFY 'E' QUADRANTS.

108° 107° 106° 105°30' 105° 25 STATUTE 0 MILES 25 50

48°

47°

46°

45°

110° 109° 108°

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

CRINOOK

HAVRE CITY-CO.

HARLEM

MALTA AIRPK.

ETCHART

VALLEY CO.

SCOBEY

GUSTAFSON-ANDERSON

WOLF POINT

FORT PECK

VINE

CIRCLE

JORDAN

DENTON

LEWISTOWN

FOREST GROVE

LEWISTOWN 353 (116.1)

HARLOWTON

LAVINA

BILLINGS 400 (116.1)

CUSTER (W) 215 (116.1)

CUSTER

FORSYTH

MILES CITY 320 (116.1)

MILES CITY

MILDRED

RAPELJE

BILLINGS 278 (116.7)

BIG TIMBER

LIVINGSTON 224

COLUMBUS

PARK CITY 21

BILLINGS

ZELIA

ST. XAVIER

MINNEAPOLIS GREAT FALLS

MONT. WYO.

POWELL

COWLEY-LOVELL-BYRON

SHERIDAN CO.

SHERIDAN 2

UCROSS 17

SHERIDAN 239 (116.1)

DENVER

CODY

GREYBULL

BASIN

BUFFALO

GILLETTE MUN.

GILLETTE ARPK.

GREAT FALLS
SALT LAKE CITY

ROCK SPRINGS 26

CASPER 269

TO MIDLIGHT

17 90 197 270 146.25 145 142 240 60 238 50 229 67 247 297 118 325 326 208 28 298 159

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-VDTX	(3):116.1
➔ Billings Airport	278 (118.7)	C(ILS):247°, 1.3	(4):118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-VDT,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-VDT,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTY,298°,1.84):116.	
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS, MONT.	110.3	335	253° Mag.	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3109, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers to Frequency Columns Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P)BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P)Bones Bros.Ranch (Birney)(NC)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P)Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P)Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P)Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P)Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	
(P)LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.
(P)Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW,No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P)MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P)Rapelje	1 SE,RR N	4030	38	
Red Lodge (NC)	0.5 WNW	5600	29	ROUGH. Road N.
Roundup (NC)	1.9 N,hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W
(P)Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P)Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)(NC)	2 W,hwy N	3002	18	
WYOMING				
Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P)Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P)Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P)Powell	8 NNW	5054	42 S2	73 oct.
(P)SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
Moore (Mont.)	0.5 E,RR N	4100	20 S2	73 oct.
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-VDT,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-VDT,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

→ PHILIP			DECOMMISSIONED
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-VDT	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

$-Stand. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Baker	0.8 SSE,hwy N	2290	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
→ (P)Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
→ (P)BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 R1 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct.Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct.Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct.Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct.No bcn.Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct.Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.

SOUTH DAKOTA

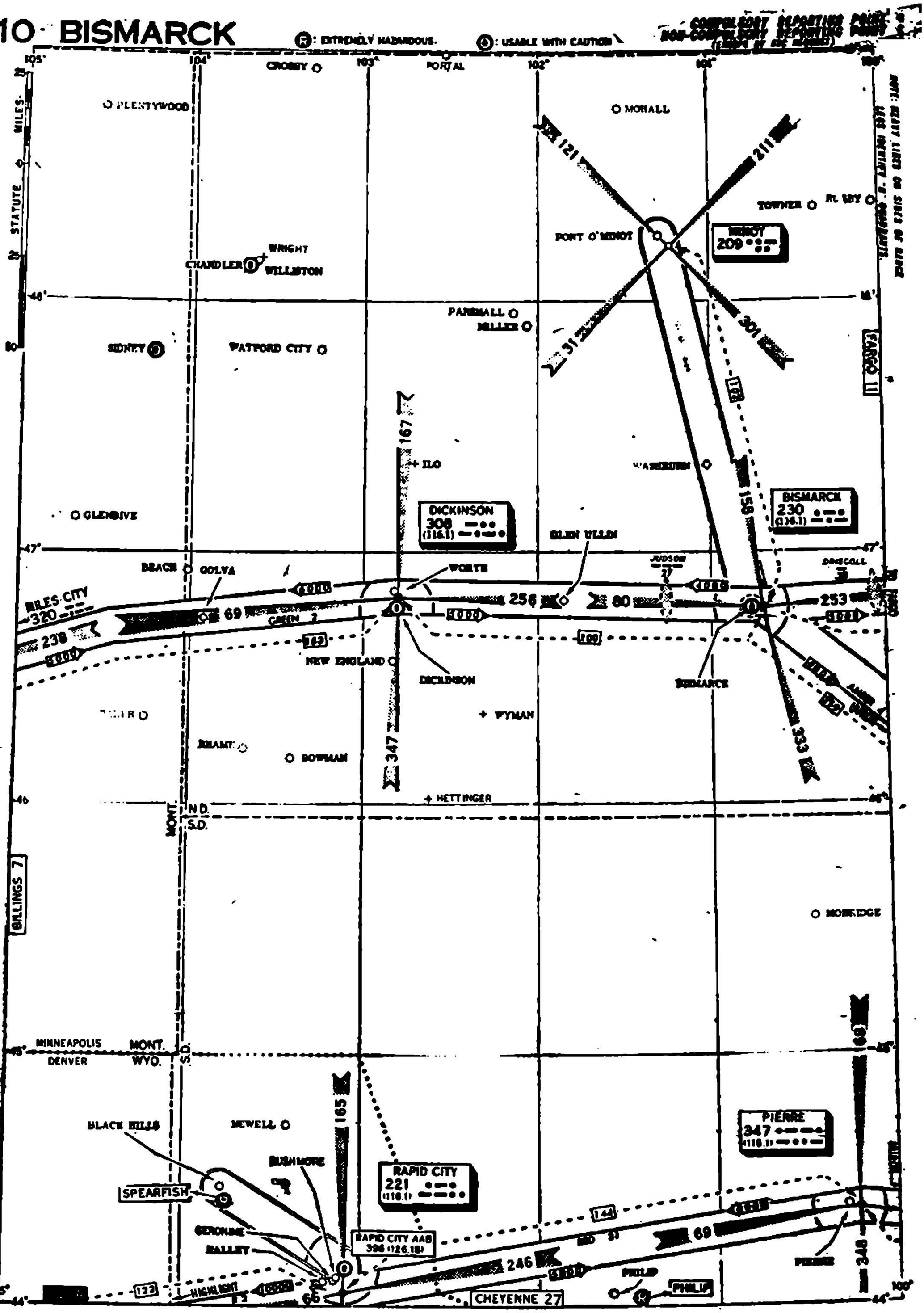
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
→ BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct.Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct.Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
→ Philip,31,CX-HR	3.6 E,RR S	2210	40 L3 S6	80 oct.No sto.Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3216	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

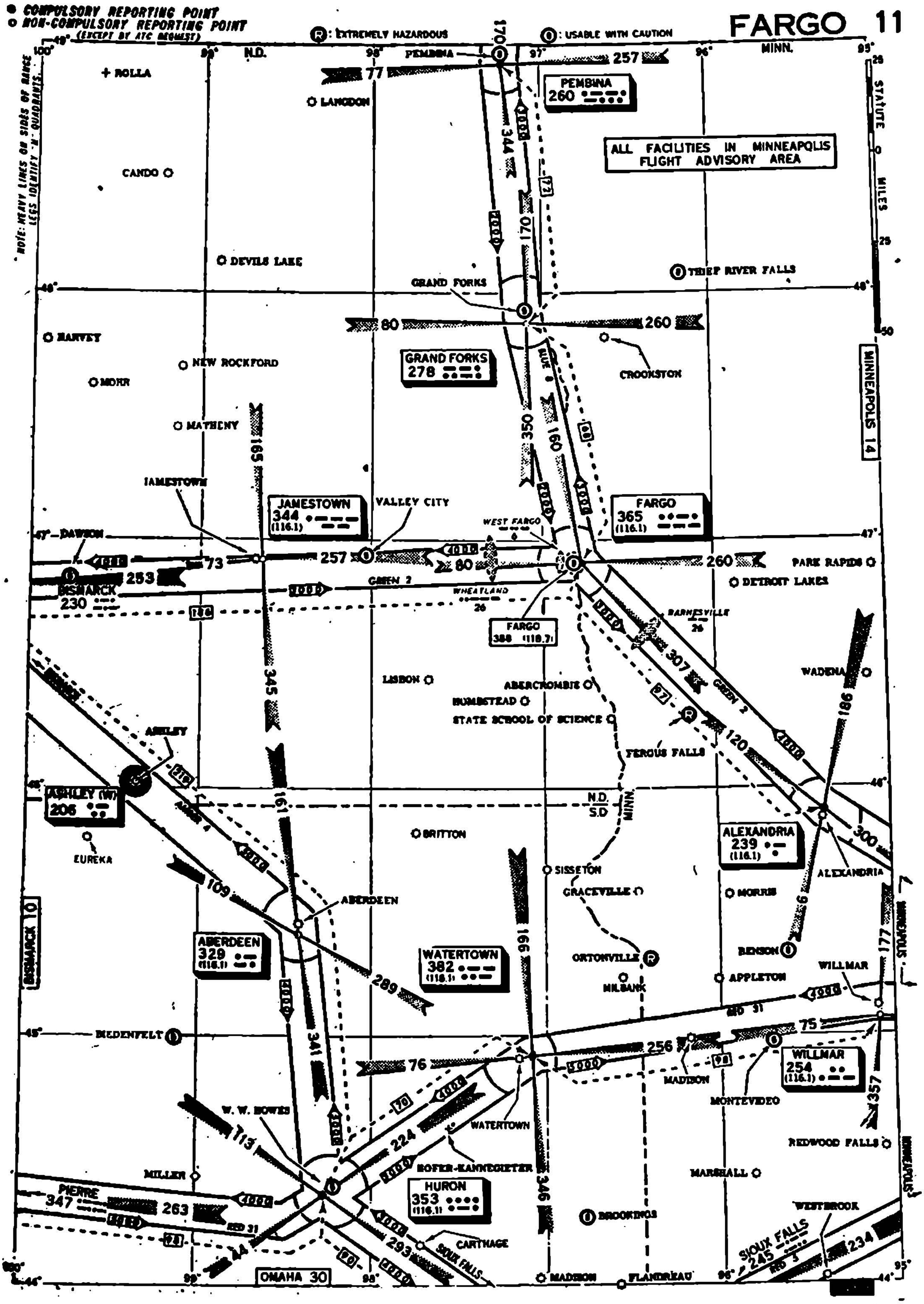
NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

10 BISMARCK

R: EXTREMELY HAZARDOUS. U: USABLE WITH CAUTION




● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
FARGO 11
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
ROLLA
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
230
253
73
257
80
77
LANGDON
PEMBINA
N.D.
MINN.
260
PEMBINA
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
STATUTE MILES
MINNEAPOLIS 14
THIEF RIVER FALLS
GRAND FORKS
GRAND FORKS
278
CROOKSTON
JAMESTOWN
344
(116.1)
VALLEY CITY
WEST FARGO
FARGO
365
(116.1)
PARK RAPIDS
DETROIT LAKES
GREEN 2
WHEATLAND
26
FARGO
388 (118.7)
BARNESVILLE
26
LISBON
ABERCROMBIE
HUMBSTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WADENA
ASHLEY
ASHLEY (W)
206
EUREKA
ABERDEEN
ABERDEEN
329
(116.1)
BRITTON
WATERTOWN
382
(116.1)
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
ALEXANDRIA
239
(116.1)
ALEXANDRIA
MORRIS
BENSON
APPLETON
WILLMAR
BISMARCK 10
MINNEAPOLIS 7
BELDENFELT
PIERRE
347
263
MILLER
W. W. BOWES
HOFER-KANNEGIETER
HURON
353
(116.1)
CARTHAGE
SIOUX FALLS
WATERTOWN
MADISON
MONTEVIDEO
WILLMAR
254
(116.1)
REDWOOD FALLS
MARSHALL
BROOKINGS
WESTBROOK
SIOUX FALLS
245
234
FLANDREAU
OMAHA 30
MADISON
160
165
170
191
261
345
346
347
350
357
307
300
293
289
224
120
113
109
76
75
44
31
94
29
12
18
186
177

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	**239(AE)(116.1)**	**BMLZ-VDT,186°,2**	**(4); 116.1**
BARNESVILLE FM	**(- -)**	**FM, 127°, 26**	**Fargo, N.D.**
WILLMAR	**254(IW)(116.1)**	**SBMRAZ-VDT,357°,3.5**	**(4); 116.1**

NORTH DAKOTA

ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-VDT	(3); 116.1
➔ Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4); 126.18, 118.7, 122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-VDT,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	**Fargo.**
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	**Fargo.**

SOUTH DAKOTA

ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4):116.1
➔ WATERTOWN	382 (WU)(116.1)	BMRLZ-VDT,256°,2.8	(4):116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)	Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.
	Appleton	1.9 NNE,riv S	1010	34 S2	80 oct. Poleline S,SE,SW
	Benson	2.4 NW	1031	22	Poleline NW.
	Crookston	3 NNW,RR N	875	30 S2	80 oct. Obst sur fld.
	Detroit Lakes	2.7 W,RR N	1392	35 S2	80 oct. Rnwy data unver.
	Fergus Falls	4.3 W,RR N	1160	23 S1	80 oct. Poleline W
	Graceville	0.8 WNW,RR S	1110	16	Poleline S.
	Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P)	Marshall	1.5 W,RR NE	1167	35 S4	80 oct.
	Montevideo	2.2 NNE,RR W	950	19 S2	80 oct. Poleline W,NW
(P)	Morris	2.7 WSW,RR N	1134	31 S2	80 oct. Trees,poleline NW
	Ortonville	1 ESE,hwy S	1090	21	Hwy W. unver.
	Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct. P-line E Rnwy data
	Redwood Falls	1.8 NE,riv NE	1025	25 S2	80 oct. Poleline SE,SW.
	Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
	Wadena	1 E,RR NW	1300	30 S1	80 oct. Poleline S,NW.
	Westbrook	1 SE,hwy N	1500	18 S1	80 oct. Poleline W.
	Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.

NORTH DAKOTA

	Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

AIRPORTS — NORTH DAKOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★	Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 R1 L3	
	Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★	Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
	Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P)	FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91,100 oct. JP-1
(P)	GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	73,80,91 oct. ARPT OF ENTRY.
	Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
	Homestead(Wynd-mere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct. Trees E,SW.
(P)	Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
	Langdon	1 W	1608	18 S1	80 oct.
	Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct. Polelines N,S.
(P)	Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct. Poles NE,NW.
	Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
	New Rockford	1.5 N	1533	30	
★	Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. Ngt svcg on rec ARPT. OF ENTRY.
	Rolla	0.7 N,lake S		21 S2	80 oct. Data unver.
	St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P)	Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P)	Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
	Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
	Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
	Eureka (NC)	6 N, rd W	1895	28	Poles W.
	Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld.
	Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct. Poleline N. Data unver.
	Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★	Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
	Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
	WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P)	W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
	Britton Mun.(S.D.)	2 NNE,RR W	1350	24 S1	73 oct. Poles W.
	Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct.. Poles NW,SW.
	Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
	Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
	Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
→ MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-VDT	(3):116.1
→ WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC 298°,3.6	(4);122.5)126.18,118.3,142.74

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116 l, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anderson (Cocato)	2.6 ENE,RR S	1020	23 S2	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
→ Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NWW, RR S	1395	57h S4	80, 91 oct. Rnwy data unverified.
Brainerd	1.3 SSE,hwy W	1210	22 S2	Ltd 73 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1150	52	Tank SE corner (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Polelines sur fld.
Cedar (Minneapolis)	8.5 S, RR W	811	28	
→ Coleraine	0.8 SSE	1390	25 S3	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
Fleming (South St. Paul)	1.8 S, riv E	822	15h	
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	28 S1	80 oct. Poles SE, SW
Gervais (Tofte)	1.2 NE,hwy S	800	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	80 oct.
Kenyon	0.8 S,RR E	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 R1 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	20 S1	80 oct.Poleline SSW. Rolling.
Litchfield	1.2 NE,RR S	1140	24 S1	Ltd 80 oct. Trees W.
Littlefork	1.8 WNW,riv E	1153	19 S1	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	30 S1	80 oct. Poleline E.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	16 S1	80 oct.Poles S,SE; trees SW.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	17 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E	704	55h L4	
St. Peter	2.4 NNW,riv E	900	23	Poleline S.
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W,RR S	950	23 S4	80 oct. No sto.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.
Virginia	2 WSW,bet RRs	1429	35 S2	73 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 L1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R2 L4 S6	87-100 oct. JP-1. Rdo rec required. No sto. Ltd maint fac.
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W.

WISCONSIN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
Phillips	1.2 N,riv S	1140	30 S2	80,91 oct.Pole line W, S.
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80 oct. Data not verified.
Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	

NEW AIRPORTS

Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA.

14 MINNEAPOLIS

E: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(USED BY ATC ONLY)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
LITTLE FORK
CAN. MINN.
ELY
GRAND RAPIDS
COLERAINE
OTIS LODGE
VIRGINIA
HIBBING
GRENVILLE
WILLIAMSON-JOHNSON
DULUTH 221
RICHARD BONG
ASHLAND
GOGEBIC CO.
FARGO 11
WYMAN
REYWOOD
BRAINERD
CAMP RIPLEY
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
MONTICELLO
ANOKA
LITCHFIELD
ANDERSON
VICTORY
OSCEO
HAMEL
WILLMAR 254
ROBBINSDALE
WOLD-CHAMBERLAIN 270
FLYING CLOUD
MINNEAPOLIS 266
U. OF MINN.
NORTHPORT
HUDSON
ST. PAUL
FLEMING
HASTINGS
SIOUX FALLS 245
JORDAN
CEDAR
CARLETON
LE SUEUR
ST. PETER
NEW ULM
FARIBAULT
KENYON
MANKATO
WASECA
ONAMONIA
PLEASANT COURTENS
ROCHESTER 236
LAKE CITY
RED WING
WINONA
LA CROSSE 271
BAYWARD
SPOONER
RICE LAKE
ARROWHEAD
TAYLOR FALLS
AMERY
CENTER
DALLAS
PRICE
BOYCEVILLE
PRICE LAKE
PHILLIPS
TURK CO.
TAYLOR CO.
CHIPPEWA FALLS
EAU CLAIRE MEM.
EAU CLAIRE
COLBY-ABBOTSFORD
SCHLOSSER
NEILLSVILLE
MARSHFIELD
JACKSON CO.
DES MOINES 31
MINNEAPOLIS
STATUTE MILES

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT AT ATC REQUEST)

E: EXTREMELY HAZARDOUS

U: USABLE WITH CAUTION

SAULT STE. MARIE 15

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'B' QUADRANTS.

SAULT STE. MARIE
356
(1161)

PELLSTON
206
On request

TRAVERSE CITY
365
(1161)

GLADWIN
257
On request

MICHL 1
D.A.

CHICAGO 34 | GRAND RAPIDS 35

GRAND RAPIDS 35 | DETROIT 38

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	206 (PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-VDT,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-VDT,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. REAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Signal, Range and Voice. W Without Voice; Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW,RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	0.3 ENE,lake E	1390	34 S4	80 oct. Trees, bldgs W.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct. Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct. Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W.
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct. Radio twr W.N. lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 R1 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct. All lgts prior req. ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct. Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct. Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.

WISCONSIN

Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 SNE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct. Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct. Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct. Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct. No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22	Pole line NE.
(P) Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct. Pole line E,W. Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co. (Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct. Poles SW. Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct. P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct. Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W.
Wisconsin Valley Inc. (Wausau)	7 S		34 S2	83 oct. Data unver. Rnwy data unver.
Kubiak's (Pulaski,Wisc)	1.2 E	781	26 S4	Data unver.
(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

RADIO — MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-VDT;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-VDT;172°,2.1	(4);116.1
DOW (Bangor)	278 (126.18)+	CA (ILS)	(3),126.18
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
➔ HOULTON	272(HJ).	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-VDT;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
Presque Isle AAF	278 (126.18) +	AC(ILS);189°,3.4	(4);338,365;116.1,140.1,131.9,
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4) 126.18.
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-VDT	(3); 116.1
➔ Burlington Airport	278	C; 151°,2.8	(4);122.5
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(-.-)	FM, 151°, 17	Burlington
➔ MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2 8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BANGOR, ME. (Dow) (L6)	109.9		150°Mag.	IM- ·····(0.06)	MM- ·-·-(0.89)	OM- - -(4.80)
					MMK-	OMK-
PRESQUE ISLE AAF, ME.	109.9		100°Mag.	IM- ·····(0.05)	MM- ·-·-(1.00)	OM- - -(5.00)
					MMK- 201 (1.00)	OMK- 219 (5.00)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

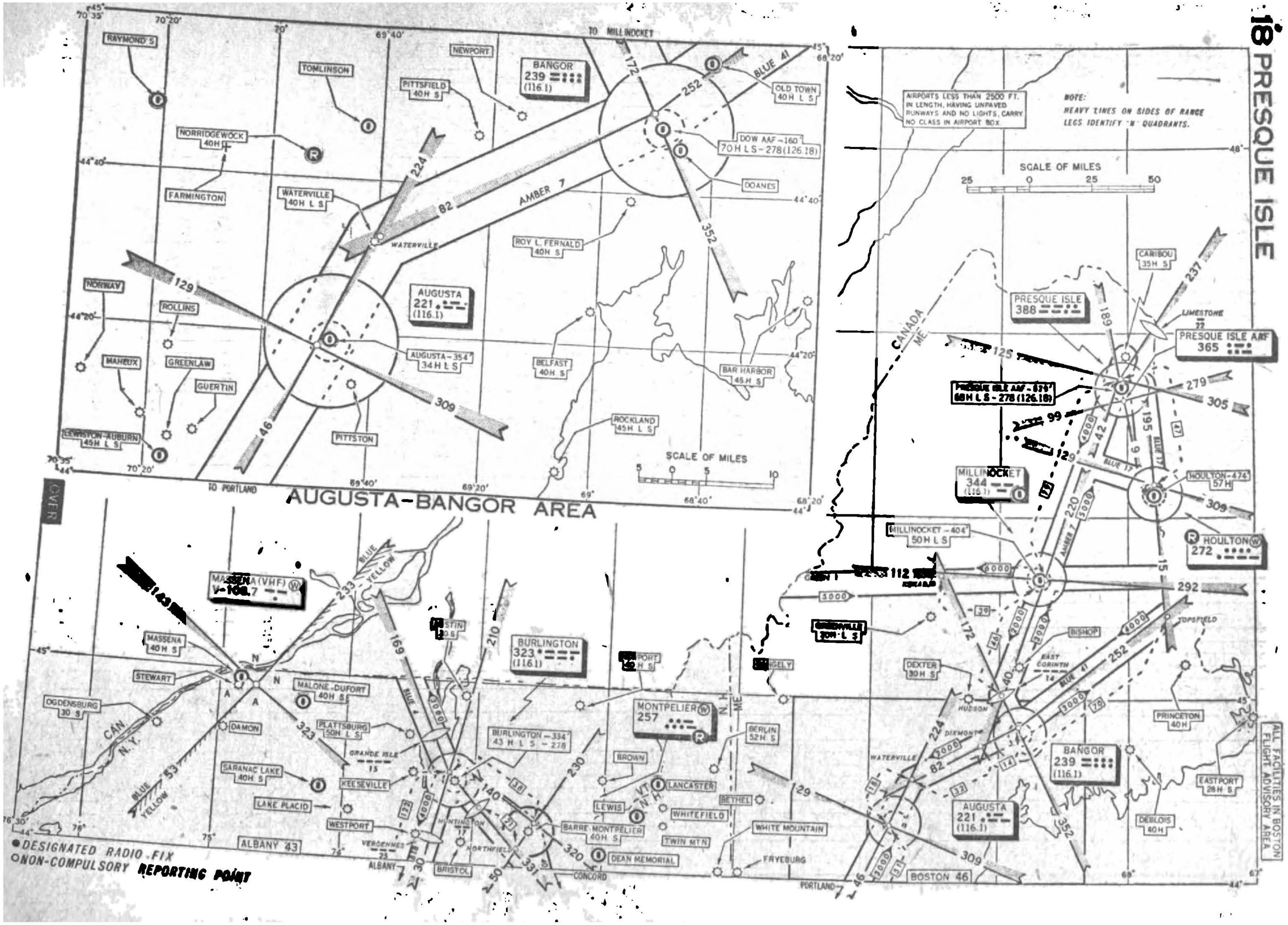
AIRPORTS — MAINE

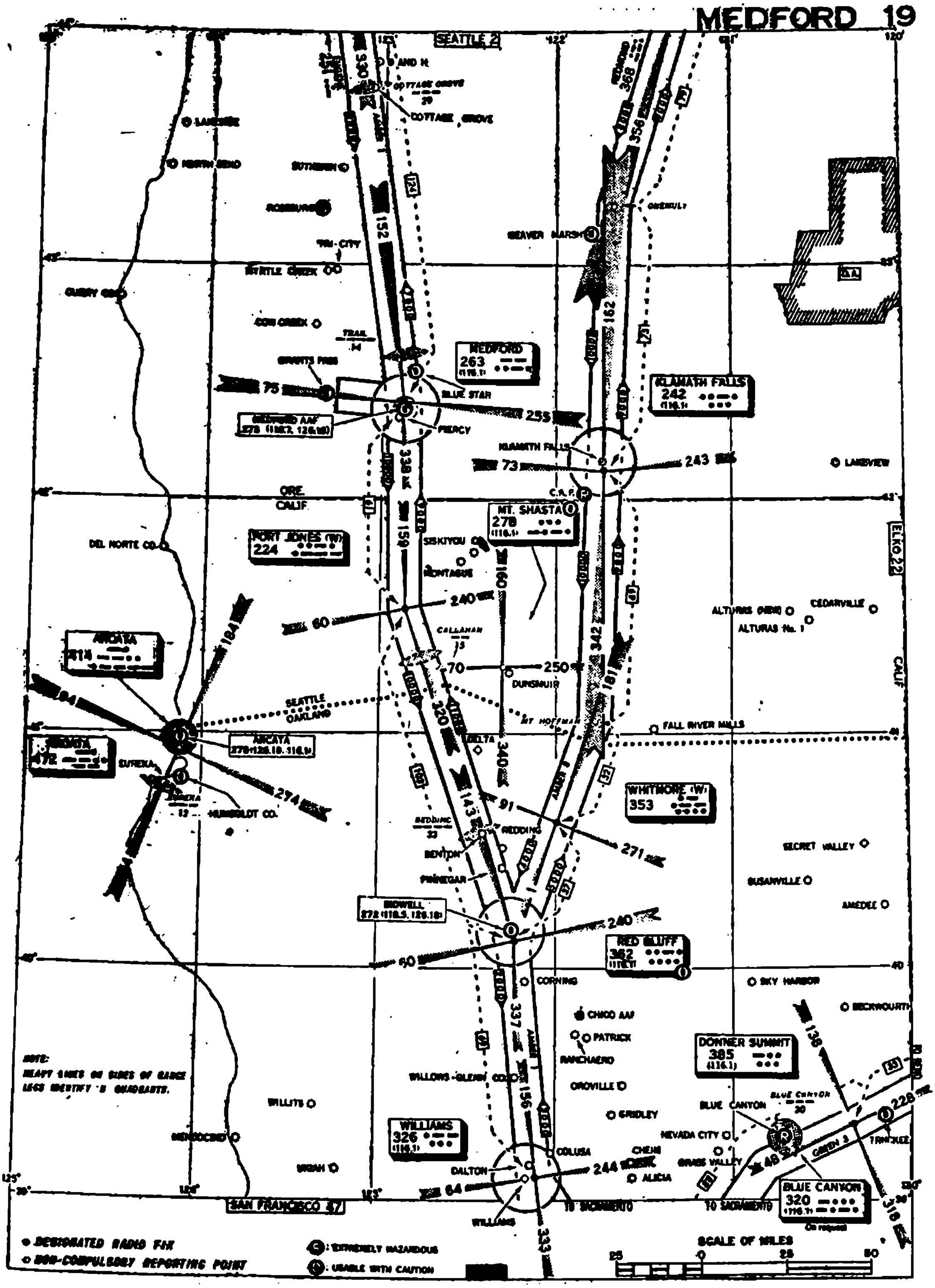
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct. Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct. No sto. Bldg E. ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
➔ HOULTON AAF	2.5 E	474	57h	CLOSED
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S6	91,100 oct. No sto. ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). ➔ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	22 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L. Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct. Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	21 S1	80 oct. Trees N,NW. Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W		20 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No. Conway)	1.9 SSE	540	23 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct. Bcn on req. Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
Wheeler-Sack (Great Bend)	1 NNW,riv S			ABANDONED
VERMONT				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct. No sto. Port rnwy lgts. ARPT OF ENTRY.
➔ BARRE-MONTPELIER (Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct. Port rnwy lgts. 1680' min
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY. SE.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct. All lgts prior req.
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.


AUGUSTA-BANGOR AREA
TO MILLINOCKET
TO PORTLAND
OVER
RAYMOND 5
TOMLINSON
NEWPORT
PITTSFIELD 40H S
BANGOR 239 (116.1)
OLD TOWN 40H L S
BLUE 41
172
252
NORRIDGEWOCK 40H
DOW AAF-160° 70H L S-278 (126.18)
DOANES
FARMINGTON
WATERVILLE 40H L S
224
82
AMBER 7
352
ROY L. FERNALD 40H S
NORWAY
129
ROLLINS
AUGUSTA 221 (116.1)
AUGUSTA-354° 34H L S
MAHEUX
GREENLAW
GUERTIN
BELFAST 40H S
BAR HARBOR 45H S
309
46
PITTSTON
ROCKLAND 45H L S
LEWISTON-AUBURN 45H L S
SCALE OF MILES
AMBER 7
MASSENA (VHF) V-108.7
MASSENA 40H S
STEWART
OGDENSBURG 30 S
CAN
N.Y.
DAMON
MALONE-DUFORT 40H S
PLATTSBURG 50H L S
GRANDE ISLE 15
SARANAC LAKE 40H S
KEESEVILLE
LAKE PLACID
WESTPORT
VERGENNES 25
ALBANY 43
ALBANY
BURLINGTON 323 (116.1)
BURLINGTON-334° 43 H L S-278
MONTPELIER 257
BERLIN 52H S
BROWN
LANCASTER
LEWIS
BARRE-MONTPELIER 40H S
DEAN MEMORIAL
CONCORD
WHITEFIELD
BETHEL
TWIN MTN
WHITE MOUNTAIN
FRYEBURG
PORTLAND
BOSTON 46
BRISTOL
NORTHFIELD
MONTPELIER
N.H.
ME
VT
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
SCALE OF MILES
CARIBOU 35H S
PRESQUE ISLE 388
LIMESTONE 22
PRESQUE ISLE AAF 365
CANADA
ME
PRESQUE ISLE AAF-070° 68H L S-278 (126.18)
237
189
125
279
305
99
42
195
129
BLUE 17
MILLINOCKET 344 (116.1)
HOULTON-474° 57H
309
MILLINOCKET-404° 50H L S
HOULTON 272
220
292
112
GREENVILLE 20H L S
BISHOP
TOPSFIELD
EAST CORINTH 14
DEXTER 30H S
HUDSON
DIXMONT
PRINCETON 40H
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
EASTPORT 28H S
DEBLOIS 40H
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT


MEDFORD 19
SEATTLE 2
330
AND H
COTTAGE GROVE
COTTAGE GROVE
LANGDEIR
NORTH BEND
SUTHERLIN
ROSEBURG
TRI-CITY
152
MYRTLE CREEK
CURRY CO
COW CREEK
TRAIL
GRANTS PASS
MEDFORD
263
BLUE STAR
75
MEDFORD AAF
PERCY
255
101
REEDSPORT
OREGULF
BEAVER MARSH
356
368
KLAMATH FALLS
242
162
97
CLEAR LAKE
243
LAKEVIEW
KLAMATH FALLS
73
ORE.
CALIF
C.A.P.
MT. SHASTA
278
DEL NORTE CO.
PORT JONES (NW)
224
SISKIYOU
MONTAGUE
339
159
ELKO 22
240
60
CALLAHAN
70
250
DUNSMUIR
ARCATA
214
184
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
CALIF
SEATTLE
OAKLAND
ARCATA
278 (126.1R, 118.1)
EUREKA
274
HUMBOLDT CO.
320
342
101
AT HOFFMAN
FALL RIVER MILLS
BELTA
340
WHITMORE (W)
353
143
91
REDDING
BENTON
PINEGAR
271
SECRET VALLEY
SUSANVILLE
AMEDEE
BIDWELL
278 (118.5, 126.1R)
240
RED BLUFF
362
60
CORNING
SKY HARBOR
BECKWOURTH
CHICO AAF
PATRICK
RANCHERO
ORO VILLE
DONNER SUMMIT
385
337
139
WILLOWS-GLENN CO
156
GRIDLEY
BLUE CANYON
BLUE CANYON
20
228
89
NEVADA CITY
GRASS VALLEY
49
GREEN 3
TRUCKEE
WILLITS
MENDOCINO
WILLIAMS
326
COLUSA
CHICO
ALICIA
DALTON
244
64
WILLIAMS
SAN FRANCISCO 87
TO SACRAMENTO
TO SACRAMENTO
BLUE CANYON
320
On request
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS INDICATE LOWER ALTITUDE IS UNUSABLE.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
25
0
25
50

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS); 4°, 3	(3) 116.1,126.18 (8-17)
Arcata (H Lac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)	272 (118.5,126.18)	C	(4);126.18,122.5(6-22)
BLUE CANYON	320 (BC)(116.1)	MHVT	(4);116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-VDT	(4);116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-VDT, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-VDT,323°,2.5	(4); 116.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1)	SBMRAZ-VDT,244°, 2.2	(4); 116.1
[redacted]			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS)(116.1)	SBRAZ-VDT;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-VDT	(3); 116.1
Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4); 126.18,131.9,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
ARCATA, CALIF.	109.5	332.6	312° Mag.	IM- (0.14)	MM- ..... (0.66)	OM- -- (4.5)	
				MMK-		OMK- 404	
				IM-	MM-	OM-	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

Simul. Range and Voice: W-Without Voice, Z-VHF Range Station Location Marker. (1)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 31175 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R2 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W.
→ Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	80	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	1 N,riv E	3300	26	

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → New or revised data

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip.
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E.
→ Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	Day use only.
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Poles S.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	73 oct. Pwr line N.
(P) Ukiah	1 S,RR E	612	40h L5 S4	Snow Dec.-April.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	80 oct. No sto.
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	30' poles S.
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1	
[redacted]				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S1	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4726	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE.
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Gowen)	350 (BE)	SBRAZ-DT, 110°, 2.5	(3)
EAGLE FM	(- - - -)	FM, 301°, 11.5	Boise
GOWEN (Boise)	278(126.18) (118.3)	AC	(4);131.9,126.18,118.3 122.5
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-VDT, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-VDT, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SBRAZ-DT, 219°, 2.9	(4) Not manned cont.
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-VDT 228°, 2.6	(4):116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-VDT 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4) (Wed.Sat.Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	4.5 SSW	2857	77h R2 S1	80,91 oct.
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE,RR NE	2225	26 S2	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX)(NC)-Not charted → NEW OR REVISED DATA

NEVADA

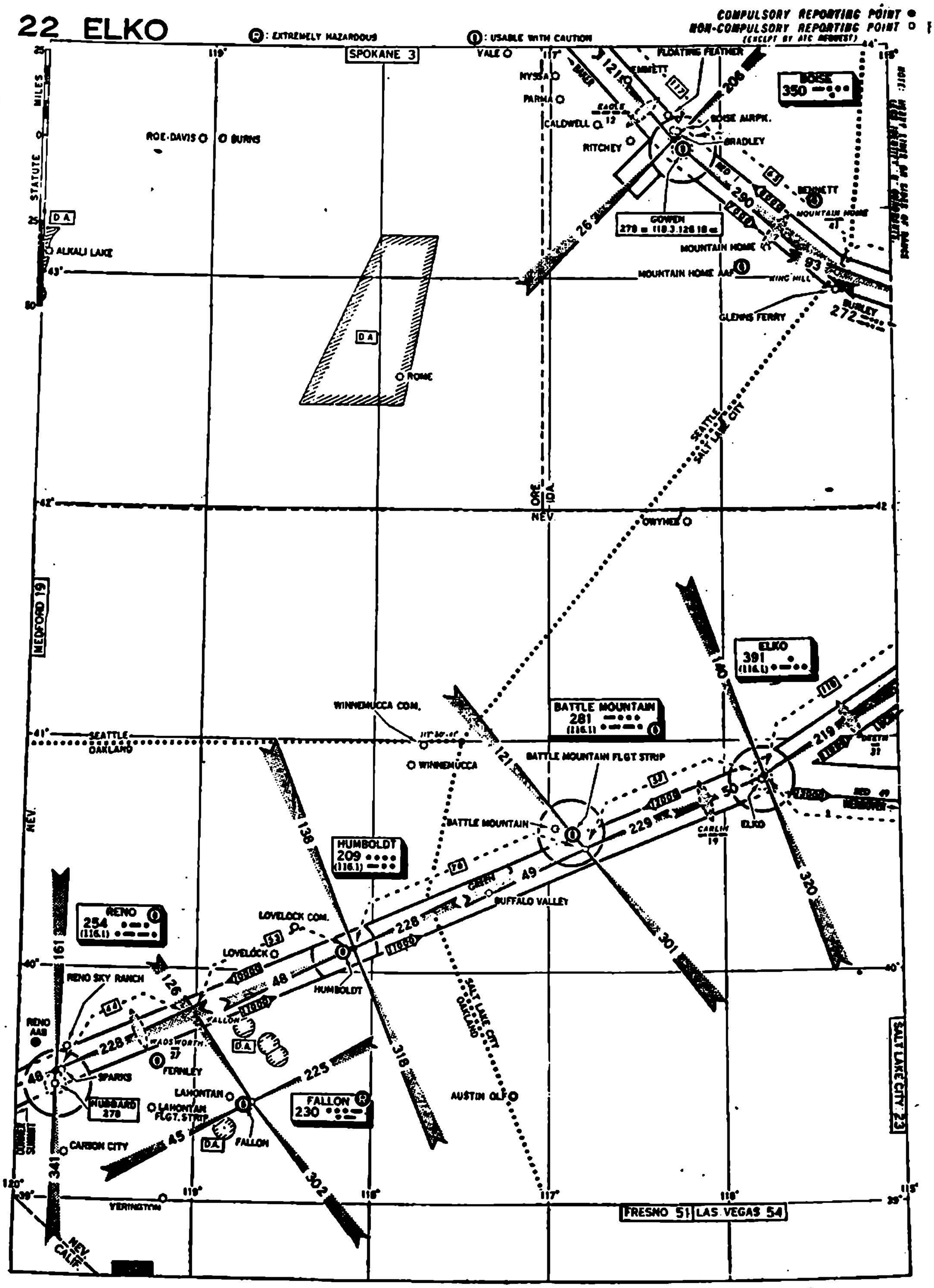
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Austin OLF (N)	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
* Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO	1.8 W,RR S	5066	62h R1 L5 S4	73, 91 oct.
* Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
Fallon	6 SE,hwy S	3931	70h R1	Closed,emerg use only
HUBBARD (Reno)	3.4 SE,RR N	4404	61h R2 L5 S4	80,91 oct.
* Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
" Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	on prior req.
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

[redacted]

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
→ Vale	1.2 SSW;rvr E	2250	23 S1	80 oct. P-line NE.

NEW AIRPORTS

22 ELKO


COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
SPOKANE 3
VALE
NYSSA
PARMA
CALDWELL
ROE-DAVIS
BURNS
ALKALI LAKE
ROME
D A
FLOATING FEATHER
EMMETT
EAGLE
BOISE AIRPK.
BRADLEY
RITCHEY
BOISE 350
GOWEN 278 ≡ 110.3 126.15 ≡
MOUNTAIN HOME
MOUNTAIN HOME AAF
WING HILL
BENNETT MOUNTAIN HOME
GLENNS FERRY
BURLEY 272
SEATTLE SALT LAKE CITY
ONTARIO
ELKO 391 (116.1)
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
BATTLE MOUNTAIN FLGT STRIP
HUMBOLDT 209 (116.1)
RENO 254 (116.1)
LOVELOCK COM.
LOVELOCK
RENO SKY RANCH
HUMBOLDT
FALLON
WADSWORTH
FERNLEY
SPARKS
RENO
HUBBARD 278
LAHONTAN
LAHONTAN FLGT. STRIP
FALLON 230 R
AUSTIN OLF
CARSON CITY
VERNONTYN
BUFFALO VALLEY
SALT LAKE CITY OAKLAND
SEATTLE OAKLAND
BATTLE MOUNTAIN 281 (116.1)
FRESNO 51
LAS VEGAS 54
SALT LAKE CITY 23
MEDFORD 16
ORE.
IDA.
NEV.
NEV. CALIF.
MILES
STATUTE

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N. QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6 · D.A. · TO KING HILL · ELKO 22 · TO ELKO · TO MILFORD · ROCK SPRINGS 26 · STATUTE MILES 0 25 50

FRIEDMAN · CAMAS CO. · ALBERT · FLYING BAR · BURLEY 272 · GOODING (NEW) · JEROME · TWIN FALLS · BURLEY · IDAHO NEV · STREVELL 335 On request · LUCIN 302 (116.1) · WELLS · WENDOVER AAF 201 nc 126.18 mc · VENTOSA · WENDOVER 248 · YELLAND

ST ANTHONY · REXBURG · IDAHO FALLS 359 · JACKSON · IDAHO FALLS · POCATELLO · POCATELLO AAF · ABERDEEN · HAYFIELD · UNIVERSITY · POCATELLO 257 · AMERICAN FALLS · AFTON · IDAHO WYO.

IDAHOME · STREVELL · MALAD CITY · MALAD CITY 314 · MONTPELIER · BEAR LAKE CO. · COKEVILLE · PRESTON · LOGAN-CACHE CO. · HILLCREST · CORINNE · KEMMERER · FORT BRIDGER 382 (116.1) · OGDEN 263 (116.1) · BRIGHAM · HINCKLEY 284 nc · HUNTSVILLE · OGDEN ARPK. · HILL AAF 396 nc 126.18 mc · FORT BRIDGER · KNIGHT · EVANSTON · BOUNTIFUL · LAYTON · PROMONTORY POINT · LUCIN · LOW · TIMPIE · KNOLLS · GRANTSVILLE · SALT LAKE NO. 2 · MIDVALE · ALTA · SALT LAKE NO. 1 278 nc 118.3 mc · UTAH CENTRAL · SALT LAKE CITY 227 (116.1) · TOOELE · RIVERTON 20 · FAIRFIELD · DUGWAY AAF · PROVO · SPANISH FORK · FAIRFIELD 362 (116.1) · NEPHI · DELTA 212 (116.1) · MT PLEASANT · CARBON CO. · MANTI-EPHRAIM · DELTA

RED 54 · RED 49 · RED · GREEN 3 · AMBER 2

LAS VEGAS 54 | WINSLOW 55

OVER

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
→ MALAD CITY (Int.)	314 (WT)	SBRAZ-DT: 131°: 3.4	(4)
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
STREVELL	335 (TV)	MH	(4)

UTAH

CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-VDT, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (JL)(116.1)	BMRLZ-VDT,2°,4.4	(4); 116.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-VDP,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-VDT,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-VDTX	(3); 116.1
→ Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 2.9	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE, UTAH	110.3 ·-· ·--·	335	343° Mag	IM-	MM- ·-·- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE,riv NE	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding (new)	3.5 WSW,hwy N	3730	49h L5 S4	81 oct.
Gooding (old)	4 SSW	3570	20	
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h R1 L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Hills,trees S,SW,NE.
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	34h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.

INDIANA

* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.

[redacted]

Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	73 oct.Fld lgts prior req.
(P) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91 oct.Rdo rec req.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.

WYOMING

Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
* Knight Int,6,SL-OH	5 S,riv NNE	7615	47 L3	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

ROCK SPRINGS

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-VDT	4495,3117.5,116.1,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-VDT (ILS)	3105,4495,3117.5:131.7, 116.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1)	SBRAZ-DTV,263°,2	(4); 116.1
→ CASPER AAF	396(126.18)	CA	4495,6210,126.18 cont; 3105,3117.5 on req.
DOUGLAS	251 (DQ) (116.1)	BHVT	(4):116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1)	SBMRAZ-VDT 137°, 2.2	(4):116.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-VDT, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-VDT, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRAND JUNC.,COL. (Walker)	110.3	335	110° Mag.	IM-	MM- ·—·— (0.69)	OM- — — (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
[redacted]				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

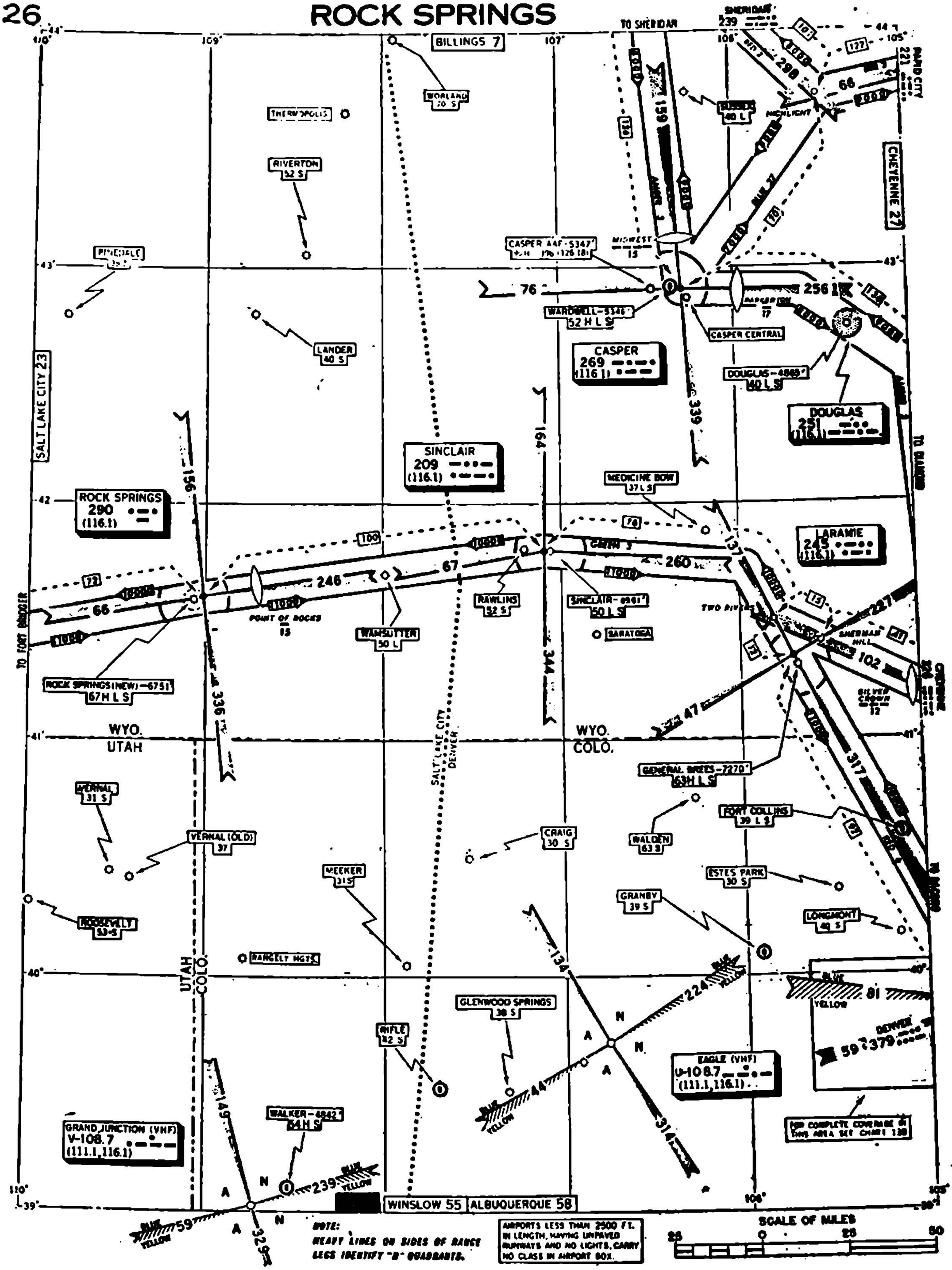
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h	
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, → SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.

NEW AIRPORTS

Casper Central → (Casper Wyo.)	3 NE:RR S	5100	28 R1 S2	80 oct.Poles SE.
→ Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW:RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE:riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (see page. IX) (NC)-Not Charted. → NEW OR REVISED DATA

ROCK SPRINGS



CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓟ: EXTREMELY HAZARDOUS. Ⓒ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

TO HIGHLIGHT
RED 2
66
9000
MONDELL
BOURASSA
122
HOADLEY
ROCK SPRINGS 26
TO CASPER
AMBER 3
136
LUSK
WYO.
S.D.
NEB.
162
CRAWFORD
FORT ROBINSON
RAPID CITY
221
8000
346
RED 31
D.A.
BISMARCK 10
102°
101°
MINNEAPOLIS
DENVER
PRESHO
25
STATUTE MILES
0
25
50
On request
CHADRON
206
(116.1)
CHADRON
GORDON MUN.
BENNETT CO.
S.D.
NEB.
43°
HAY SPRINGS
SCOTTSBLUFF
341
(116.1)
121
205
ALLIANCE MUN.
ALLIANCE AAF
SENECA
OMAHA 30
42°
WHEATLAND
EAST SIDE
LINGLE
TORRINGTON
MITCHELL
SCOTTSBLUFF
161
227
LARAMIE
245
DIAMOND
135
BAYARD
8000
301
SIDNEY
314
(116.1)
CHEYENNE
278 VOR 118.3 126.18 VOR
MEADOWS
17
IDLE ACRES
65
OSHKOSH
21
74
BIG SPRINGS
BIG SPRINGS
NORTH PLATTE
236
(116.1)
EGBERT
29
SIDNEY
CHAPPELL
OGALLALA
26
125
TO GRAND ISLAND
ARCHER
6
256
PINE BLUFFS
NEB.
COLO.
LORENZO
CHAPPELL
80
PAXTON
LEE BIRD
260
CHEYENNE
326
(116.1)
SCHWARTZ - JOHNSON
JULESBURG
GREEN 3
5000
GOTHENBURG
GRAND ISLAND
260
69
AKRON
368
(116.1)
154
155
347
159
18
FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 138
STERLING
HOLYOKE
117
IMPERIAL
CURTIS
244
128
CROSIER
BLUE 36
ALVIN
66
HAYES CENTER
DENVER
379
(111.1)
YOUNG
RED 6
HAYES CENTER
McCOOK AAF
McCOOK
DACONO
20
HENDERSON
AKRON
YUMA
WRAY
BENKELMAN
64
239
261
95
BLUE
YELLOW
WATKINS
15
AURORA
10
RODERICK
ANTON (VHF) (W)
V-108.7
ST. FRANCIS
177
335
NEB.
KANS.
40°
ATWOOD
OBERLIN
LENORA
RED 1
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. MSL.
DENVER (VHF)
W-109.1
(111.1)
90
270
180
334
360
309
171
COLO.
KANS.
EDDIE HUTTON
COLBY
87
267
261
FRANKTOWN
30
CALHAN
STAKE'S
HUGO
FLAGLER
GOODLAND
GOODLAND (VHF) (W)
U-108.3
GOODLAND (W)
353
MORLAND (VHF) (W)
W-109.1
357
351
105°
39°
TO PUEBLO
104°
103°
102°
101°
ALBUQUERQUE 58
AMARILLO 59
OVER

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1)	SBMRAZ-DTXV;155°, 2.4	(3); 131.7
→ DENVER (Stapleton Airfld)	109.1(DV)(111.1)	VAR-DTXV (9 NNE)	(3); 131.7
FRANKTOWN FM	(. - - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver
[illegible]			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
[illegible]			
→ BIG SPRINGS (Int.)			DECOMMISSIONED
CHADRON	206 (HC)(116.1)	MHTV	(4); 116.1
→ HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.2	(4); 116.1
NORTH PLATTE (Lee Bird)	236(NQ)(116.1)	SBRAZ-DTV;352°,2.2	(4); 116.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1
WYOMING			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1)	SBRAZ-DTV	(3); 116.1
→ Cheyenne Airport	278(126.18,118.3)	C; 76°, 0.9	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4496, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;RR N	4648	34 S6	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4975	48 S1	73 oct. 20\ pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW;RR SE	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.

COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW.
KANSAS				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
[illegible]				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W. Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
→ SCOTTSBLUFF	3.3 E;hwy S	3945	82h R1	CLOSED.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE.
SOUTH DAKOTA				
(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
WYOMING				
(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L5 S6	80,91 oct. Poles W.
→ East Side (Wheatland)	0.7 E;RR W	4750	23 S4	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
→ Lusk	2.9 E;RR S	5000	47 S1	80 oct, Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
(P) Young (Fort Morgan)(Colo)	6 N; hwy E	4460	52 S4	73 oct.
→ Lingle (Wyo.)	1.2 N;RR S	4200	30	Poleline SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHVT	(4):116.1
CALIFORNIA FM	(- - - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YXX)116.1)	SBMRLZ-DTV	(3):116.1
Sioux City Arpt.	396(126.18,118.3	AC; 337°,1.9	(4):126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW;211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK)(116.1)	MHVT	(4):116.1

NEBRASKA

GRAND ISLAND	260(GI)(116.1)	SBMRLZ-VDT	(4); 116.1
Grand Island AAF	278 (126.18)	CA(ILS);165°,1.3	(3); 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
→ LINCOLN	385(HK)(116.1)	SBMRLZ-VDT, 170°,2.4	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
→ OMAHA	320 (OH)(116.1)	SBRAZ-DTV	(3):116.1
Omaha Airport	278 (126.18)	C(ILS):146°,0.8	(4); 116.1,122.5,126.18.
→ OVERTON			DECOMMISSIONED

SOUTH DAKOTA

→ SIOUX FALLS	245 (YL)(116.1)	SBRAZ-VDT,93°, 2.2	(4):116.1
→ KEARNEY AAF, NEBR.	396(126.18) +	CA	(4):126.18 (8-1630)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
OMAHA, NEB.	110.3	335	135° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.90)
					MMK-	OMK-
GRAND ISL AAF, NEB.	110.3	335	349° Mag.	IM- (0.08)	MM- ····· (1.00)	OM- -- (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Locabon Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 8117.5 kcs. Parenthetical Numbers at Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs.

AIRPORTS

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1/4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct. Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	18 S2	73 oct.
Hart (Spencer)	1.6 S,hwy N	1100	25 S4	80 oct. Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80,oct. 25' pole line S.
Liberty(Sutherland)	2.1 W'SW,RR W	1465	23 S6	80 oct. 35' pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct. Trees W.
Missouri Valley	1.5 S,RR W	960	16 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways - (Spirit Lake)	2.8 SW,hwy S	1450	20 S2	80 oct. Poles NE.
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW,
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct. Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.;91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.8 WSW,hwy S	1520	24 S2	73 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct. Data unver. RR NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	12 S1	80 oct. Poles N,RR S.
Hiawatha	1.3 WSW,RR E	1110	24 S1	80 oct. Pwr line N.
Hunloon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct. No bcn. Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4	73 oct.
(A)Marshall (Ft. Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct. Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct. Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	879	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S6	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2	80 oct. Pole line N,NW.
Wood Arpk.(Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct. No sto. P-line W.

MINNESOTA

McDowell (Luverne)	8 NW,hwy W	1440	25 S4	80 oct.
Pipestone	1 SE,RR E,W	1735	20 S4	Ltd 80 oct.
Worthington	1.5 NNE		32 S6	80 oct Data unver

MISSOURI

Craig	0.6 NE,RR SW	1[illegible]	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22	Trees S. Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	26 S6	80 oct. P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	36h S4	80 oct. Twrs S,SW. Rnwy data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct. Windmill NW
* Brainard Int,82,SL-OH	5.5 SW,hwy W	1640	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
(A)Bruning AAF (A)	7.7 E,RR N	1544	68h	CLOSED
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct. P-lines W,S,
Clay Center	1.5 E,hwy N	1800	26 S2	73 oct. N.E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct. Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SSW.
Crete	1 S,RR NE	1368	24 L3 S2	73 oct. Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct. Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct. Poles NE,trees NW.
Elgin	0.8 SW,RR E	1930	16 S6	80 oct. Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct. Port rnwy lgts, P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
Falls City	2 SSW,riv N	910	14 S1	Ltd 80 oct. P-line N,W.
(P)Fremont	1.4 WNW,RRs NE	1203	36h S4	80 oct. Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2 L5 S2	73,100 oct. Twr SW.
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RRs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line S 90 oct. S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct. Pole NNW,SSW;
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E. bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct. Trees N;p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1 L5 S6	73,91,100 oct. No sto. JP-1
Lexington	1 W,RR S	2400	32 S5	Data unver.
Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct. Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct. Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohiowa	3 SW	1572	20	Fence sur fld. Data unver
OMAHA	3.5 NE,lake W	982	54h R5 L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian(Cozad)	0.8 SW,RR N	2490	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 L3	Bldgs,trees NW,poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct. Pole line S,SE.
* Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
(A)Scribner AAF(A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct. Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct. All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct. P-line NW. req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW.
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

[redacted]

Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct. Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct. Poles N,NW.
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct. Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct. Pole line E,SE.
(A)Mitchell AAF (A)	4 N,hwy E	1292	67h	CLOSED
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct. Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens	1 N,riv E	1114	28 S6	80,91 oct.
SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S3	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N.
Wagner	1.5 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.

NEW AIRPORTS

Hawks (Brunins,Nebr.	4 SE; hwy N			Fuel Data unverified.
Valley Nebr.	1.8 NW;RR NE	1088	22 S1	80 oct.
(P) Skrdla (Stuart, Nebr.)	7.5 S	2090	30 S1	73 oct.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC-(not charted). → NEW OR REVISED DATA

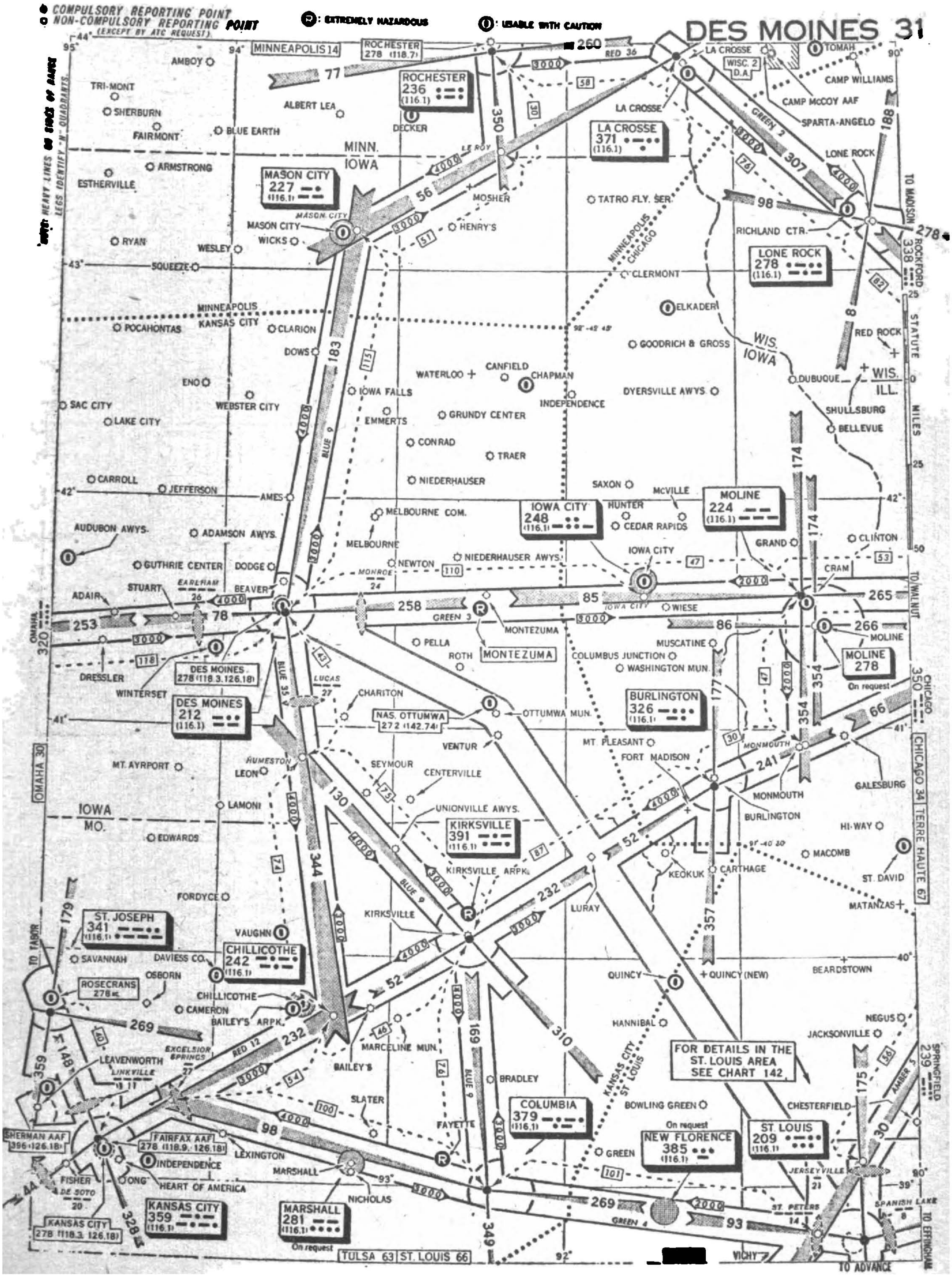
30 OMAHA

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BASE LEGS IDENTIFY "R" QUADRANTS.

FARGO 11
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
MITCHELL
ANDERSON
PIPESTONE
DELL RAPIDS
HURON
MINNEAPOLIS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS
245 (116.1)
SIOUX FALLS
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
LIBERTY
WINNER
PLATTE
GREGORY
MINNEAPOLIS
DENVER
S. DAK.
NEB.
WAGNER
YANKTON
VERMILLION
WESTERN UNION COL
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY
396 (118.3, 126.18)
SIOUX CITY
335 (116.1)
STORM LAKE
NICHOLSON
WAYNE
PENDER
OLIVER RANCH
DENISON
EAGLETON
AINSWORTH MUN.
SKRDLA
ATKINSON
ELGIN
NORFOLK
WESTPOINT
CALIFORNIA
DUNLAP
MANNING
MISSOURI VALLEY
BRIGGS
HARLAN
ATLANTIC MUN
ATLANTIC
SCRIBNER AAF
FREMONT
BLAIR
CLEAR RIDGE
OMAHA
320 (116.1)
SCHUYLER
COLUMBUS
DAVID CITY
VALLEY
MEAD
COUNCIL BLUFFS
ATLANTIC
257 (116.1)
BROKEN BOW
KEARNEY AAF (W)
536
GRAND ISLAND
260 (116.1)
WESTON
BRAINARD
WAVERLY
OMAHA
278 (126.18)
GLENWOOD
RED OAK
LEXINGTON
OVERTON
KEARNEY AAF
396 (126.18)
KEARNEY
HASTINGS SKY RANCH
CENTRAL
GRAND IS. AAF
278 (126.18)
HARVARD AAF
LINCOLN
385 (116.1)
LINCOLN
UNION
ARROW
OFFUTT AAF
396 (126.18)
TABOR
SHENANDOAH
CLARINDA
IOWA
MO.
CRETE
FAIRMONT AAF
OVERTON
HOLDREGE
HASTINGS
CLAY CENTER
OHIOWA
HAWKS
BRUNING
TECUMSEH
AUBURN
TARKIO
TARKIO
281 (116.1)
HEWETTS
BEATRICE
HEWS
HEBRON
FAIRBURY
CRAIG
NEB.
KANS.
FALLS CITY
SUMMERFIELD
BERN
NORTON
BELLEVILLE
MARSHALL AAF
215
SENECA
HIAWATHA
ST. JOSEPH
341
PHILLIPSBURG
SMITH CENTER
MANKATO
WOOD AIRPARK
TOPEKA (VHF) (W)
W-109.1
HAWK'S
WALDO (VHF) (W)
V-108.7
DOWNS
MORITZ
BLOSSER
CLAY CENTER
SALINA (VHF)
U-108.3
SMOKY HILL AAF
MARSHALL AAF
396 (126.18)
KANS. 3 D.A.
MANHATTAN
PHILLIP BILLARD
278
LARKINBURG
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
LAWRENCE
AMARILLO 59
WICHITA 62
TULSA 63


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
DES MOINES 31
MINNEAPOLIS 14
ROCHESTER 278 (118.7)
ROCHESTER 236 (116.1)
MASON CITY 227 (116.1)
LA CROSSE 371 (116.1)
LONE ROCK 278 (116.1)
DES MOINES 212 (116.1)
IOWA CITY 248 (116.1)
MOLINE 224 (116.1)
BURLINGTON 326 (116.1)
KIRKSVILLE 391 (116.1)
COLUMBIA 379 (116.1)
ST. JOSEPH 341 (116.1)
CHILLICOTHE 242 (116.1)
KANSAS CITY 359 (116.1)
MARSHALL 281 (116.1)
ST. LOUIS 209 (116.1)
NEW FLORENCE 385 (116.1)
MOLINE 278
ROSECRANS 278
DES MOINES 278 (118.3 126.18)
NAS. OTTUMWA 272 (142.74)
FAIRFAX AAF 278 (118.9 126.18)
SHERMAN AAF 396 (126.18)
KANSAS CITY 278 (118.3 126.18)
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 142
TULSA 63 | ST. LOUIS 66
TO ADVANCE
TO MADISON
TO WALNUT
CHICAGO 34 | TERRE HAUTE 67
OMAHA 30
OMAHA 320
TO TABOR
IOWA
MO.
MINN.
IOWA
WIS.
ILL.
STATUTE MILES
HEAVY LINES ON CHARTS INDICATE LEGS IDENTIFY "N" QUADRANTS

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARD,HRS. OF OPER.,REMARKS
ILLINOIS			
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
MOLINE	224(MO)(116.1)	SBRAZ-VDT,142°,12	(4), 116.1
Moline Airport	278	ML, 86°, 2.3	3105 (on req)
BURLINGTON	326 (BN)(116.1	SBRAZ-DTV,357°,1.9	(4):116.1
DES MOINES	212 (DM)(116.1)	SBRAZ-VDT	(4), 116.1,122.1
Des Moines Arpt.	278(126.18)(118.3)	C, 344°, 2	(4):126.18,122.5,118.3
EARLHAM FM	(- - - -)	FM, 258°, 26.3	Des Moines
IOWA CITY	248 (IX)(116.1)	BHTV	(4):116.1
LUCAS FM	(- - -)	FM, 164°, 27.2	Des Moines
MASON CITY	227(NM)(116.1)	MHVT	(4):116.1Oper. cont.
MONROE FM	(- -)	FM, 78°, 23.5	Des Moines
MONTEZUMA(Int)			DECOMMISSIONED
OTTUMWA NAS	272 (142.74)	CN	(3), 142.74
KANSAS			
FAIRFAX (Kansas City)	278 (126.18) (118.3)	C	(4),126.18,122.5118.3
SHERMAN (Ft. Leavenworth)	306 (126.18)+	CA	(3),126.18 cont.ex-cept Sun.(23-7)
MINNESOTA			
ROCHESTER	256(RR)(116.1)	BMRLZ-VDT	(3): 116.1
Rochester Airport	278(116.7)	C 350°,2.6	(4):126.18,118.7,122.5
MISSOURI			
CHILLICOTHE(Int)	242(CK)(116.1)	MHTV	(4):116.1
EXCELSIOR SPRGS FM	(-)	FM, 52°, 27	Kansas City
KANSAS CITY	359(KC)(116.1)	SBRAZ-DTXV	(3):116.1 ,122.1
Kansas City Arpt.	278 (126.18) (118.3)	AC (ILS),148°,2.9	(4), 116.1122.5,126.13, 118.3
KIRKSVILLE	391(KR)(116.1)	BMRLZ-DTV,333°,0.9	(4):116.1
LINKVILLE FM	(- - - -)	FM, 328°, 11.4	Kansas City
MARSHALL (Int)	281 (MH)(116.1	MHTV	(4):116.1
ROSECRANS (St. Joseph)	278	C;356°,3.7	(4)
ST. JOSEPH (Rosecrans)	341(ZJ)(116.1)	SBMRLZ-DTV	(4):116.1
WISCONSIN			
LA CROSSE(Int)	371(LE)(116.1)	SBRAZ-VDT,127°,1.8	(4), 116.1
LONE ROCK (Int.)	278(LK)(116.1)	BMLZ-VDT,98°, 0	(4), 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in MC. Compass locators in kcs.)

LOCATION	LOCALIZER VOR, FLAPPER, BEARING	MARKER (DME & MILEAGE (PLUS COMPASS LOCATORS)	
KANSAS CITY, MO.	109.9 333.8 171° Mag	LM ····· (0.01) MM	OM — (4.65)
		MMK-221 —·— (2.6)	OMK-249 — — (11.0)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Beardstown	1.5 SE; RR N,W		18 S2	80 oct. Data unverified.
Carthage	1.5 SSW,RR E	665	19	Pole line NE, E.
* Chesterfield Int. 4, LS-CG	3 ENE,hwy N	612	26 L3	
Galesburg	1.7 NW,RR SSW	788	27h L3 S6	80 oct. Fld lgts prior req. Trees SW, NE.
Hi-Way(Fiatt)	1.3 NW,RR E	665	20 S2	80 oct. 35' poleline S,E.
Jacksonville	3.9 S,hwy E	650	19 S4	80 oct. Trees SW.
Macomb	2.4 E,hwy E	695	23 S6	73,80 oct. No sto.
Matanzas(Havana)	4 S,riv W	480	24 S2	80 oct. Data not verif.
(P)MOLINE	4 S,hwy E	590	40h R1 L3 S6	73,80,91,100 oct. Poles NW
Monmouth	1.5 NNE,rd E	770	31 L1 S6	80 oct. Poleline E,W,S.
Negus(Alexander)	2.8 WNW,RR SE	645	22	PRIVATE.
(P)Quincy	2.8 SE,hwy E	650	26 S4	80 oct.
St. David	1.5 SW,RR N	628	22 S2	80 oct. 200' stack NE
IOWA				
Adair	1.5 SSE,RR NW	1350	18 S1	Ltd 73 oct. Trees S.
Adamson Airways	4.8 WSW,hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW,RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong	3.2 NW,hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Audubon Arwys	1 SSE,RR W	1300	15 S1	80 oct. (Audubon)
Beaver	3.4 NW	900	25 S6	80 oct. (Des Moines)

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). — NEW OR REVISED DATA

DES MOINES

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellevue	3 N,RR W	652	19 S1	80 oct.
(P)BURLINGTON	1.7 SSW,hwy E	698	54h R1 L5 S6	80,91,100 oct.
Canfield(Waterloo)	3.5 NW,RR NE	800	32 S6	87 oct. Pole line N
Carroll	4.2 ESE,RR N	1196	34 S2	80 oct.
(P)Cedar Rapids	6.7 SSW,RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW, RR N	1017	25 S2	80 oct. Use strips only
Chapman(Waterloo)	5 E,RR NW	870	33 S6	80 oct. Poleline S.
Chariton C.A.P.	2.3 NNE,RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8 S,riv W	800	21 S6	80 oct. Poleline SE,NE.
Clinton	6.2 WSW,RR S	700	27 L S6	80 oct. No sto. Port rnwy
Columbus Jct.	3 N,RR E	580	28 S2	80 oct. PolelineN,E lgts.
Conrad	3 WNW,RR S	1000	23 S2	80 oct. 27' bldg E.
Cram (Davenport)	2.5 NW,RR SW	646	21 S6	80,91,100 oct.
Creston Arwys	1.6 NE, RR W	1320		UNUSABLE.(NC)
(A)DES MOINES	4.5 SSW,RR W	950	57h R2 L5 S4	80,91 oct. ARMY TMP
Dodge (Grimes)	3.5 E,hwy,RR E	835	27 S6	80 oct. INACT;CIVIL FACS
Dows	1.5 SSE,RR NE	1144	26 S2	80 oct.
Dressler(Anita)	7 SSE,rd W	1250	17 S2	80 oct. Trees S.
(P)Dubuque	1.9 NE,riv E	602	27 S6	80 oct. Poles SE,NW.
Dyersv'l Arwys (Dyersville)	0.8 S, RR NE	940	16 S1	80 oct. PwrlInes NW,NE
Elliot Fly.Svc.	Adj S	550	Unl. S1	80 oct. (Davenport) (NC)
(P)Emmerts(Eldora)	2.8 NE,lake SW	1000	32 S6	80 oct. Poles NW,SE
Eno(Ft.Dodge)	2.5 E,hwy W	1126	27 S6	91 oct.
(P)Estherville	3.5 E,hwy S	1298	35 L S6	80 oct. Port rnwy lgts.
Goodrich&Gross (Strawberry Pt.)	3.5 W,RR NE	1200	19 S1	Ltd 80 oct. Poles SE,SW.
Grand	1.2 SW,RR N	770	20 S2	80 oct. (Grand Mound)
Grundy Center	1.3 ENE,RR S	990	18 S1	80 oct. Pole line S.
Guthrie Center	0.5 NW,riv E	1074	21 S1	80 oct.
Henry's(Floyd)	5 NNE,RR W	1110	14 S1	80 oct. Poles ENE. Steep sloped strips.
(P)Hunter (Cedar Rapids)	3 S, riv N	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S, E.
(P)IOWA CITY	1.7 SW, riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S, RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW,RR S	1052	23 S6	80 oct. No sto. Poleline
Keokuk	4.6 NNW,riv E	670	28 S1	Ltd 80 oct. N.
Lake City	3.5 NNE, RR S	1200	26 S1	80 oct.
* Lamoni Int,10, KC-MP	3 WNW, RR NE	1163	37 L3	
Leon	4.1 N, RR SE	1050	20 S2	80 oct.
McVille (Mechanicsv'l)	3.2 WNW,RR S	850	30 S6	80 oct. Poles S,W.
(P)MASON CITY	7 W,hwy S	1215	56h R1 L5 S6	80,91,100 oct. Poles SE
Melbourne	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.	0.3 S,RR E	1000	21 S2	80 oct. Pole line E.
* Montezuma Int, 17, OH-CG	3 E,hwy N	953	32 L3	Poles, trees SW. Pwr line N.
Mt. Ayrport (Mt. Ayr)	6.6 N, RR N	1100	21 S1	Ltd 80 oct. Poles N,NE
Mt. Pleasant	2.6 ESE,RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW,RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE,hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N, hwy E	790	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys(Grinnell)	4.5 E	1000	26 S2	80 oct.
Ottumwa	3.6 N,hwy W,S	830	32 S6	80, 91 oct.
(N)Ottumwa NAS	6.4 NNW	841	52h R1 L5 S6	73,100 oct. (N)
Pella	3.5 SE,RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW
Ryan (Emmetsb'g)	1.3 W,RR N	1225	18 S2	80 oct. Trees NW.
Sac City	3 SSE,riv W	1160	19 S2	80 oct.
Saxon(Ced.Rpds)	7 NE,hwy S	820	31 S6	80 oct. Trees E,SE.
Seymour	2 NNW,RR S	1060	24 S1	80 oct. Hedge S.
Squeeze(Algona)	5 S,riv S	1201	26 S2	80 oct. Pole line NW,W
* Stuart Int,8,OH-CG	3.5 SE,rd E	1169	31 L3	Pole line NE,E.
Tatro Fly.Svc.	2.6 NW,riv W	915	26 S2	80 oct. (Decorah)
Traer	1 ENE,RR SW	895	18 S2	80 oct. Pole line E.
Venture(Ottumwa)	2.8 SSE,RR W	800	13 S6	80 oct. Poleline N,W,NE
Washington	1.5 SSE,RR NE	769	26 S6	80 oct.
Webster City	3.3 SW,riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E,RR N	1250	31 S1	80 oct. Poleline N,S.
Mosher(Riceville,Ia)	1 W,hwy S	1263		80 oct. P-line S. Data unver
Fort Madison,Ia.	1.5 N; RR W		27 S4	80 oct. Ltd sto. Data unver
(P)Waterloo (Iowa)	4 NW; RR S,E		54h L5 S1	80,91 oct. Data unver No flood lgts.

KANSAS

ARPT.-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A)Fairfax (Kans.Cy)	3 NE,RR E	742	65h R1 L5S4	91, 100 oct. (A)
Fisher	1 ESE,RR N	770	26 S6	80 oct. (Edwardsville)
Leavenworth Le-compton	3.6 WSW,RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
(A)Sherman(Ft. Leavenworth)	1 NNE,RR W	771	60 R1 L5 S4	73, 91, 100 oct, (A)
MINNESOTA				
(P)Albert Lea	2.3 N, RR E	1255	32 S6	80 oct. No sto. Poleline
Amboy	1 NNE, RR W	1000	24 S1	80 oct. N.
Blue Earth	3 S,RR E	1111	23 S1	80 oct. Poleline E.
Decker(Austin)	1.7 E,hwy N	1224	26 S4	73 oct. Obsts sur fld.
Fairmont	3.1 S,hwy W	1190	24 S1	80 oct. Poleline W.
ROCHESTER	1.7 SSE,RR W	1040	43h R2 L4 S6	80,91 oct. Poleline E,N
Sherburn	2 WNW,RRs S,E	1300	21 S2	80 oct. Pwr line ESE.
Tri-Mont	0.9 S,RR W,E	1250	22	(Triumph)
MISSOURI				
Bailey's (Brook-field)	2 WSW,RR N	800	26 S2	80 oct. Pwr line SE. Poles E,SE;NW bldg
Bailey's Arpk (Chillicothe)	2 SSE,RR W	675	32 S6	80 oct. Poles S.
Bowling Green	1.6 NW,RR E	882	25 S2	80 oct. Poles S,pwrline
(P)Bradley(Moberly)	3 NNE,hwy W	865	37h S6	80 oct. Obsts. SE.
Cameron	2 E,RR NW	1050	21 S4	80 oct. Poles N,W,NNW
* Chillicothe Int, 7, KC-CG	3 ESE; RR N, SW	780	25h R1 L3	Pole line S,trees SW. 4000' strip avail.
Edwards	1.2 ENE,RR W	920	17 S1	Ltd 80 oct. (Grant City)
Fayette	1.5 S	660	28 S2	80 oct. Data unverified.
Fordyce(Bethany)	4.8 ESE,RR WNW	1050	22 S2	80 oct.
Green(Mexico)	4.3 ESE,RR S	815	36 L S6	80 oct. Port rnwy lgts.
Hannibal	4.3 WNW,hwy N	735	28 L S6	80 oct. Poleline SW.
Heart of America (Kansas City)	4 E,RR E	759	23 S6	80 oct. Port rnwy lgts. Poles,trees S. Flood
Independence	5.8 ESE,RR 5	825	23 S6	80 oct. Poles S. lgts inop
KANSAS CITY	2.5 NW,riv W,S	739	52h R3 L6 S6	80,91,100 oct. Poles E.
Kirksville Arpk	Adj SE	927	26	Clsd for winter dike W.
" 12, KC-CG	7 SE,hwy NE	970	39h R1 L3 S6	91, 80 oct.
Lexington	3 WNW,RR NW	650	33 S6	73 oct. Poleline S,W,SW
* Luray Int,16,	1.9 ESE,hwy N	727	36 L3	KC-CG
Marceline	1.5 N,RR SE	855	20 S1	80 oct. Pole line NNE.
* Marshall Int,7, KC-LS	1.8 S,hwy E	800	39 R1 L3 S2	80 oct. Silo NE corner
(P)Maryville	2.2 WNW,RR N	1154	25 S6	80,91 oct.
Nicholas(Marshall)	3.8 S,hwy W	770	26 S4	80 oct. Pwr line S.
* Osborn Int,4,	1.5 NW, hwy S	1046	32 L3	KC-MP
(P)ROSECRANS	4 NW,riv S	821	60h R2 L5 S4	(St. Joseph)80,91,100 oct.
Savannah	1.3 E, RR W	1025	15 S1	80 oct. Fld lgts on req.
Slater	0.8 NW,hwy SE	850	26	Pole line adj N.
Unionville Arwys	1.5 ESE,hwy NE	1100	24 S2	80 oct. Pole line N.
Vaughn(Trenton)	1.2 NNW,RR E	790	26	
[redacted]				
(A)Camp McCoy(A)	2.6 E Sparta	830	38h	RR W
(P)La Crosse	5 NNW,bet rivs	653	53h L5 S4	80, 91 oct.
* " Int,23A,	8 NNW,RR NE	667	37 R1 L3	Pole E.(CG-Twin Cys)
* Lone Rock Int, 15,CG-Twin Cys	2 N,rd W,N	714	39 R1 L3 S2	Ltd 80 oct. Poleline NE
Red Rock (Darlington)	5 SE,RR E		12 S1	80 oct. Data not verif.
Richland Center	6 SSE,hwy W		23 S1	80 oct. Trees E,S. Data not verified
Shullsburg	0.5 S	1000	18 S1	80 oct. Trees SW. Data not verified.
Sparta-Angelo	2.2 NE,RR E	800	25 S1	80 oct. Poles sur fld.
Tomah	1 E,RR N	970	18 S1	73 oct. 180' hill E.
(P)Camp Williams (Camp Douglas,Wisc.)	1 N, RR SW	915	45h S2	No fuel. Rnwy data unver. Obsts SE,S. Clsd winter.
Elhader Ia.	1.1 ESE;RR S	915	17 S2	80 oct. Pole line NW;
Independence Ia.	4.1 W;RR E	990	23 S2	80 oct. Poles N.
Roth (Oskaloosa)Ia	2 SSE;RR NE	850	20 S2	80 oct Trees sur fld.
Wicks (Garner)Ia	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW,SW.
Winterset Ia.	2 W;RR E	1130	20 S4	80 oct.
Quincy,new(Ill.)	9.5 E	760	54h	Data unverified.
Daviess County	1.1 W,RR N	930	16 S1	80 oct. Pole N.
Wiese Fly. Serv. (Lone Tree,Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver

RADIO — ILLINOIS

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-VDT,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
→ ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-VDT,45°,1.7	(4); 116.1
[redacted]			
LOWELL FM	(. . - -)	FM, 183°, 40	Chicago
McCOOL (Int.)	350(ML)	MH 7	(Cont.)
McCOOL FM	(- - - - -)	FM, 270°, 67	Goshen
[redacted]			
→ GENERAL MITCHELL (Milwaukee)	276 (116.6)	C	(4); 116.6,122.6
GENESEE FM	(- - -)	FM, 270°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-VDT,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	243(MK)(116.1)	SBRAZ-VDT,352°, 1.5	(3); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

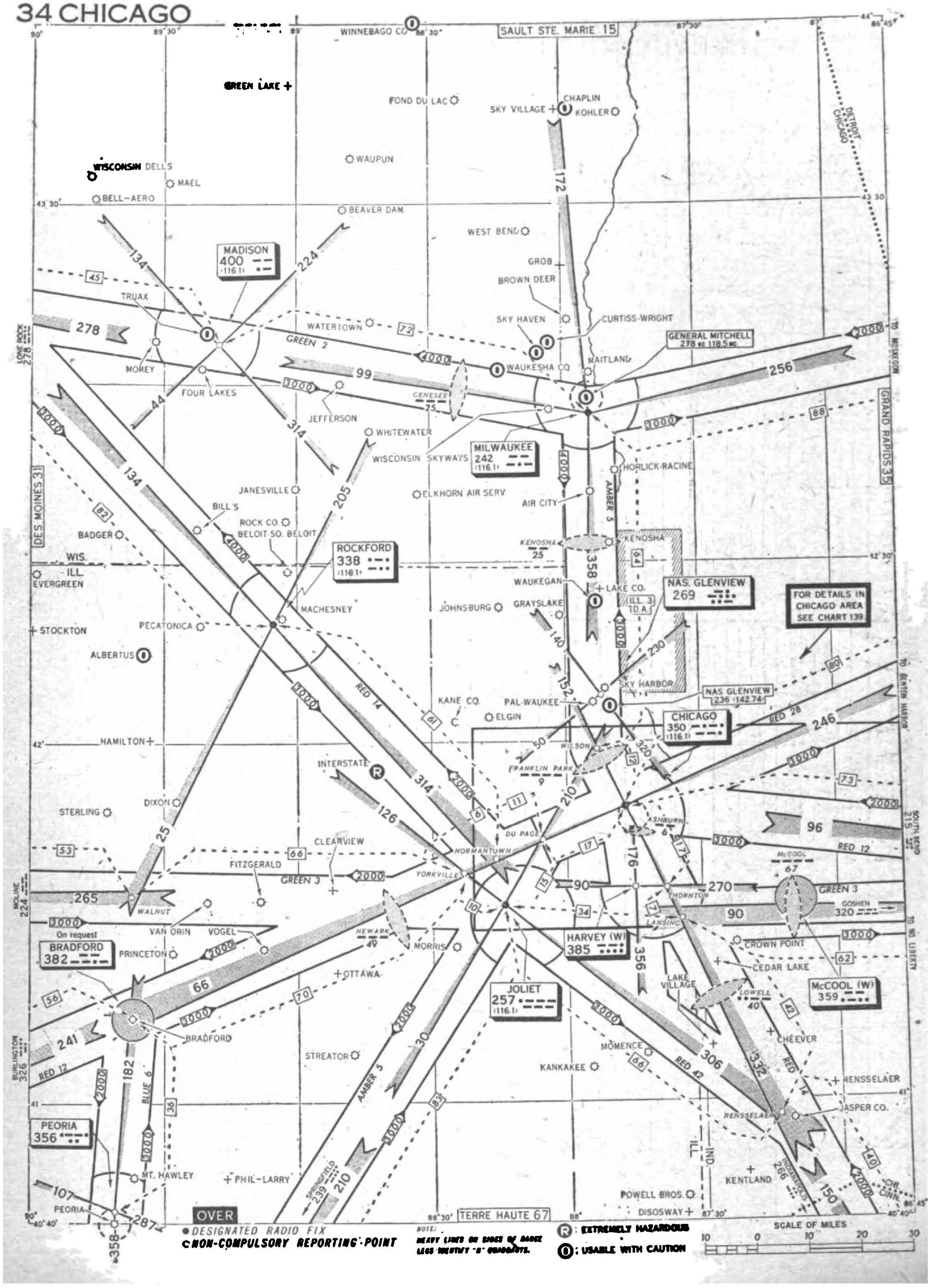
S-Simul. Range and Voice: W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

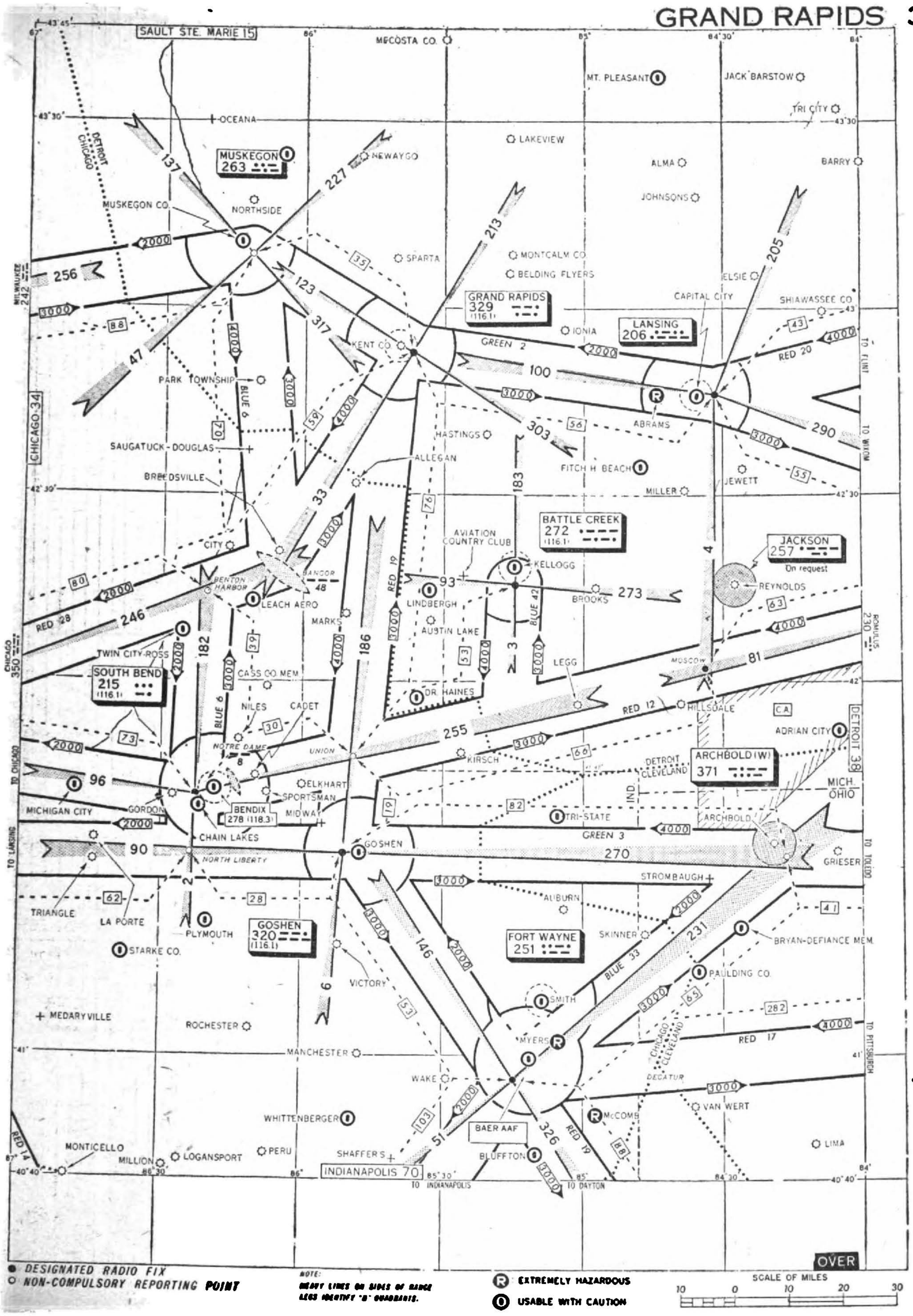
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8 SE,RR S,W	740	33 S4	73 oct. Tank S.
Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Trees, bldg SW.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	26 L3 S6	73 oct. No bndry lgts. Poles N,S.
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct.
Evergreen (Warren)	1.4 SSE;hwy S	1000	26 S1	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto. NAFC
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW; hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv W	735	29 R1 L4 S6	73,80 oct. Pole line E.
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	650	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 L3 S4	80 oct. No bcn. Lgts prior req.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
[redacted]				
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S1	80 oct. P-line E. Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;RR NE	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.
[redacted]				
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
Beaver Dam Inc.	2 N;lake W	914	15 S1	80 oct.
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
→ Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Hamilton Arpt (Polo) (Ill)	2.5 NE	785	25 S3	80 oct. Data unverified.
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

34 CHICAGO


90°
89° 30'
89°
88° 30'
87° 30'
87°
86° 45'
44°
43° 30'
42° 30'
42'
41
WINNEBAGO CO
SAULT STE. MARIE 15
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT
CHICAGO
WISCONSIN DELLS
MAEL
BELL-AERO
WAUPUN
BEAVER DAM
WEST BEND
GROB
BROWN DEER
MADISON
400
(116.1)
134
224
45
TRUAX
278
WATERTOWN
72
SKY HAVEN
CURTISS-WRIGHT
GENERAL MITCHELL
278 and 118.5
LONE ROCK
278
MOREY
FOUR LAKES
GREEN 2
4000
WAUKESHA CO
MAITLAND
99
256
3000
44
314
JEFFERSON
GENESEE
25
WHITEWATER
88
GRAND RAPIDS 35
DES MOINES 31
MILWAUKEE
242
(116.1)
WISCONSIN SKYWAYS
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV
AIR CITY
AMBER 3
205
BILL'S
ROCK CO
BELOIT-SO. BELOIT
82
BADGER
KENOSHA
WIS.
ILL.
ROCKFORD
338
(116.1)
EVERGREEN
358
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
MACHESNEY
JOHNSBURG
GRAYSLAKE
140
STOCKTON
PECATONICA
230
ALBERTUS
152
SKY HARBOR
NAS GLENVIEW
236 142.74
TO BENTON HARBOR
80
RED 14
KANE CO.
PAL-WAUKEE
ELGIN
CHICAGO
350
(116.1)
RED 28
246
HAMILTON
50
WILSON
320
INTERSTATE
FRANKLIN PARK
9
12
73
2000
STERLING
DIXON
25
126
210
11
6
DU PAGE
ASHBURN
96
RED 12
53
66
CLEARVIEW
FITZGERALD
GREEN 3
NORMANTOWN
17
15
176
McCOOL
67
MOLINE
224
265
WALNUT
YORKVILLE
90
270
THORNTON
GREEN 3
GOSHEN
320
10
34
7
LANSING
90
On request
VAN ORIN
VOGEL
NEWARK
49
BRADFORD
382
PRINCETON
MORRIS
HARVEY (W)
385
356
CROWN POINT
62
CEDAR LAKE
66
OTTAWA
56
70
JOLIET
257
(116.1)
LAKE VILLAGE
LOWELL
40
McCOOL (W)
359
241
BRADFORD
BURLINGTON
326
RED 12
182
BLUE 6
36
STREATOR
AMBER 5
30
83
MOMENCE
KANKAKEE
RED 42
306
332
RED 14
CHEEVER
RENSSELAER
JASPER CO.
41
PEORIA
356
MT. HAWLEY
PHIL-LARRY
SPRINGFIELD
239
210
IND
ILL
INDIANAPOLIS
266
KENTLAND
POWELL BROS.
DISOSWAY
150
107
PEORIA
287
358
TERRE HAUTE 67
88°
88° 30'
87° 30'
40° 40'
90°
OVER
● DESIGNATED RADIO FIX
C NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BASIC LEGS INDICATE "E" BOUNDARYS.
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

GRAND RAPIDS 35



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "B" QUADRANTS.

Ⓡ EXTREMELY HAZARDOUS
Ⓞ USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
INDIANA			
BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4); 118.3,126.18,122.5
DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1 (ILS)
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LJ)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	MHW*	(Cont.)

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FORT WAYNE, IND. (Baer)	110.3 ----		314° Mag.	IM- (0.05)	MM- ····· (1.05)	OM- -- (4.55)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
INDIANA				
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne) (A)	7 SSW;RR E	798	63h R3	IMP INACT NO FACSNo twr,
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line S, N.
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;hwy N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts. Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	752	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld.No sto.
Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.Poles E. Data unver.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.
MICHIGAN				
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W.Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct.P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct.No sto.P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW;RR SE	750	31 S4	80 oct P-lines E,NE.
City (South Haven)	4 S;RR W	640	30 S4	73 oct.Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto.Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct.P-line NW,SE.Rdo repairs.
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., S, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto.Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct.No ben. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.
OHIO				
★ Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
(P) Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S.Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE.
NEW AIRPORTS				
Shaffer's (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (118.7)	C	(4); 118.7 (8-24)

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272 (126.18)	C; 45°, 0.4	(4);126.1,122.5
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILDE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM	(. . -)	FM, 31°, 83	Columbus
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
Selfridge, Mich.	109.5	332.6	184° Mag.	IM- (0.23)	MM- ····· (0.81)	OM- -·- (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (D-3165, 4495, 6210 kcs; (D-3165, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct.Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct.Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	73 oct.
Caro	3 WSW;RR SE	699	22 S2	80 oct. SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct.Trees S,E.
Delton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY.Rdo rcv rqrd.Tank W side
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct.Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct.Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct.No sto Poles NW;Bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	30 S4	73 oct.No sto.Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD.ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct.Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct.Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE, SE, SW, NW.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. Poles N.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct.JP-1.Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct.No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct.30'poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct.Pole line N.
Washtenaw (Ann Arbor) (NC)	5 W		26 S2	80 oct.Hi-line S.Data unver.
West's (Clio)	4 SW;RR E	690	21 S1	80 oct.
Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct.Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct.Poles N. Stumps NW.No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct.No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct.Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct.Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur. fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto.Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct.Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct.No sto.Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct.Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int,4B,CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct.Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto.Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto.Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	73,83,91 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE.Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct.Pole line W.Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). —Shaw AIR-CAR MARINE DATA

38 DETROIT

R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT

NON-COMPULSORY REPORTING POINT

SAULT STE. MARIE 15

JAMES CLEMENTS

SKYHAVEN

SAGINAW

SAGINAW 212

CARC

CROSWELL CITY

MICH. 3 D.A.

GRAND RAPIDS 35

DALTON

WEST'S

On request

FLINT 335

FORREST

BISHOP 278

LAPEER

SEELY'S

BAKER'S

MICH. CAN.

ST. CLAIR CO. MUN.

ALLEN'S

CENTER

OXFORD

SELFRIDGE AAF 388

SELFRIDGE AAF 396 (126.18)

PONTIAC

HOWELL

WIXOM 20

WASHTENAW

ANN ARBOR

GRIDLEY

McENNAN

SALINE 20

ROMULUS 230 (116.1)

MITCHELL BAY

RED 1

RED 20

RED 12

MILAN

WILLOW RUN 332 (118.7)

NAN-BAR

YPSILANTI 341

NAS. DETROIT 269 (142.74)

TECUMSEH

NEWPORT OLF

DETROIT CLEVELAND

MONROE

MICH. NATIONAL AVIATION

OHIO

FRANKLIN

TOLEDO 263

OHIO 6 D.A.

PUT-IN-BAY

PENINSULA

OAK HARBOR

BOWLING GREEN

BRICKER

SLAGER

TOLEDO 239 (116.1)

SNYDER

TIFFIN

FINDLAY

WILLARD

MANSFIELD

ASHLAND

FINDLAY 209

GAGE

PORT BUCYRUS

GALION

DAYTON 245

COLUMBUS 71

COLUMBUS 391

HAYESVILLE

HAYESVILLE 329

NORWALK

PARKS

HOMERVILLE

MEDINA-PRICHARD

WESTFIELD

AKRON 272 (126.18)

WOOSTER

LING

AKRON 362 (116.1)

AKRON-CANTON

NOBLE

MARTIN

McKINLEY

MILLER

TAYLORCR

KENT STATE

AKRON

PERRY

On request

PERRY 332 (116.1)

FOR DETAILS IN CLEVELAND AREA SEE CHART 139

CLEVELAND 344 (116.1)

AVON LAKE

VERMILION

ELYRIA

BRECKSVILLE

PARKMAN

NORTH ROYALTON

CLEAR CREEK 248

ERIE 371

DETROIT AREA

WIXOM 20

KRIST-PORT

BIG BEAVER

BERZ

WARREN

McKINLEY

THOMAS B. JOY

ROSEVILLE

WINDSOR

GREEN 2

DETROIT CITY 278

DETROIT 201

METTETAL

TRIANGLE

BURNS

NATIONAL FLY. SVC.

HARTSELL AIR TERM

FORD R

STINSON

HANCE

ROMULUS 230 (116.1)

ROMULUS AAF

SCALE OF MILES

WINDSOR 353

CAN. OHIO

BUFFALO 39

TO LANSING

TO MOSCOW

TO ARCHBOLD

TO WAYNE

TO TROY

TO ERIE

TO YOUNGSTOWN

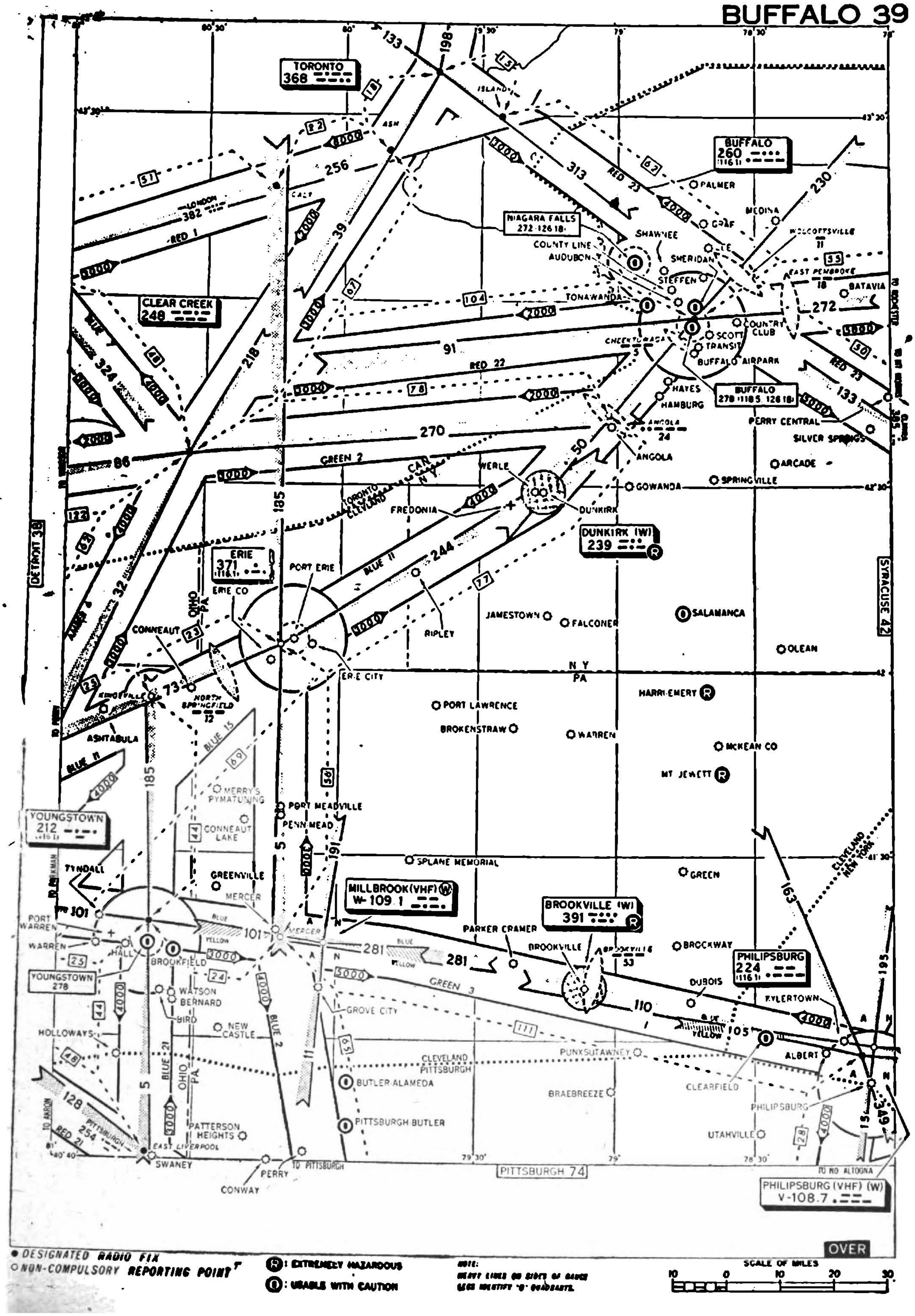
TO NEWARK

TO PITTSBURGH

TO WELLSBURG

OVER

BUFFALO 39



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

E : EXTREMELY HAZARDOUS
Q : USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF BASIC
LEGS INDICATE "E" QUADRANTS

SCALE OF MILES
10 0 10 20 30

OVER

RADIO — NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - - -)	FM, 230°, 24	Buffalo
BUFFALO	260(BJ)(116.1)	SBRAZ-VDTX	(3); 116.1
→ Buffalo Airport	278 (126.18) (118.5)	AC;230°,0.9	(4);118.5,126.18,122.5
CHEEKTOWAGA LFM	(- - -)	LFM,230°,4.7	Buffalo
DUNKIRK	239(DK)	MHW	
EAST PEMBROKE FM	(- -)	FM, 98°, 17.5	Buffalo
NIAGARA FALLS AIRPORT	272 (126.18)	CI	(4);126.18 (2-29)
WOLCOTTSVILLE FM	(-)	FM, 50°, 11	Buffalo

OHIO

YOUNGSTOWN	212(CT)(116.1)	RNRL-VDT	(4);116.1
→ Youngstown Airport	278	CI; 185°, 3.4	(4); (630-2030)

PENNSYLVANIA

BROOKVILLE FM	(- - -)	FM, 290°, 53	Philipsburg
→ BROOKVILLE (Int.)	391(BR)	MHW	
ERIE (Port Erie)	371(ER)(116.1)	SBMRAZ-VDT,64°,2	(4); 116.1
NORTH SPRINGFIELD FM	(- - -)	FM, 253°, 12	Erie
PHILIPSBURG	224 (MJ)(116.1	SBRAZ-VDT,169°,5	(4):116.1
PHILIPSBURG	108.7 (MJ)	VARW	
MILLBROOK	109.9(MC)	VARW	

CANADA

CLEAR CREEK, ONT.	248 (QO)	RBX-T	(4)
TORONTO, ONT.	368 (YZ)	SBRAZ-T	3105,6210,3117.5

S-Sonal Range and Voice W-Without Voice, Z-VHF Range Station Location Marker. (3) 3105 6495 6210 kcs. (4) 3105 6495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army ACS transmits on and guards 116.1, 127.88 140.58 mcs.

AIRPORTS — NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct.No storage.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct.Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct.
(N) BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct.ARPT. OP ENTRY.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct.Trees SW.
County Line (No.Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Erie Co.Aero Park (Hamburg)	3.5 WSW;RR E,W	750	18	Pole line S.UNUSABLE.(NC)
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct.No storage.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Inc.	2 NNW;RR,hwy W	722	23 S2	80 oct.Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct.No storage.
Jamestown	4.1 N;hwy E	1719	27h S6	80 oct.Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct.Pole line N.
Medina	2 W;RR S	500	21 S1	80 oct.Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct.JP-1.No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct.Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23 S1	80 oct.Pole line,trees N,E.
Perry Fly.Service (Perry)	3.3 W;RR W	1640	21	Pole lines NNE. (NC)
Ripley	1.4 WNW;lake N	650	22 S4	80 oct.No storage.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data unverifie
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct.No storage.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E. NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.
	7.3 NW	570	103 S6	80 oct. Ramp; all facs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) (NC)-Not charted.
→ NEW OR REVISED DATA

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E.Rnwy info unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.

OHIO

Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct.Pole line N,S,W.
Bird (Youngstown)	2.6 NE; RR W	1000	22 S4	80,91 oct.Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Holloways (Greenford)	1 ENE;RR W	1250	15 S1	80 oct.Wires E.
Sky Harbor (Williamsfield)	1 S;hwy E	1140	26	Poles E. (NC).
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct.No storage.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct.Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.

PENNSYLVANIA

Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy data unver.
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct. Trees N,NE.
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
★ Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct.Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct.Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data unverif.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.Poleline SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct.Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel.Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct.Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct.Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct.Pole line.NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1ENE;riv N	1480	28 S2	80,91 oct.Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Philipsburg,Site 51A,CG-Le	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80,91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct.Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct.Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct.Port. rnwy lgts.
Utahville	1N;RR S	1800	22 S2	Ltd 73 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct.Port rnwy lgts.
Port Warren (Warren,Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver.

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
→DANSVILLE	212(DA)	MBW	
ELMIRA (Chemung Co.)	385(EA)(116.1)	SBRAZ-VDT,75°,1.8	(4); 116.1
ROCHESTER	206(RC)(116.1)	BMRLZ-VDT	(4);116.1
Rochester Airport	278	CI;298°,2.2	3105,4495 (8-24)
ROME AAF	396 (126.18) +	CA	(4); 126.18 (8-22)
SYRACUSE	350(SR)(116.1)	SBRAZ-VDT	(3);116.1
Syracuse Municipal	278	C ; 178°, 2.2	(4)
→TRI-CITIES (Endicott)	278	CI	3105,6210(days)
UTICA	359(UA)(116.1)	BMRLZ-VDT.161°,3.0	(4);116.1

PENNSYLVANIA

ALLENTOWN (Allentown-Bethlehem)	320(XA)(116.1)	SBMRAZ-VDT,192°,2.7	(4); 116.1
LAKE CAREYFM	(- - - -)	FM, 360°, 20.8	Wilkes-Barre
SLATINGTON FM	(- - - -)	FM, 290°, 12	Allentown
→SUNBURY	353(SV)	MBW	
SUNBURY	108.3 (SV)	VARW	
→WILKES-BARRE (Wilkes-Barre-Wyoming Valley Airport)	272(WI)(116.1)	SBMRAZ-VDT; 243°,2.6	(4);116.1
→WILLIAMSPORT	273(IA)(116.1)	BMRLZ-VDT,281°,7.0	(4);116.1

a-Beacon, Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns Indicate VHF Voice. ✈ - Army A C S. transmits on and guards 116.1, 127.65, 140.55 mcs.

AIRPORTS

NEW JERSEY

AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna(Blairstown	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek, Belvidere	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct.Trees N.
Bonnie Brae (Owasco)(NC)	1.7 SW;RR W	960	17	Cattle on fld.
Brizee (Pittsford)	2 E;RR N	422	25 S4	80 oct.Pole line S,NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E;RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct.Pole line E.
(P) CHEMUNG CO. (ELMIRA)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate Univ. (Hamilton)	5.4 N;RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct.Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct.Wooded ridge E.
Costa's (Painted Post)	2.7N NW;RR	960	16 S1	80 oct.Trees W,NW.
Crowner (Wellsville)	1 W;RR E	1506	22 S2	80 oct.Obsts sur fld.
(P) Dansville	1 NW;RR NE	662	40h L3 S6	80 oct.Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct.Trees S,W.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Rnwy data unver.Brush
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW. WNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct.3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct.Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct.Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct.Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct.Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin(Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct.Pole line S.
Meacham-Genesee (Rochester)	6 S;RR N	564	22 L S6	80 oct.Floodlgts in emerg.
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct.Hill W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	960	14	Trees WSW.

NEW YORK

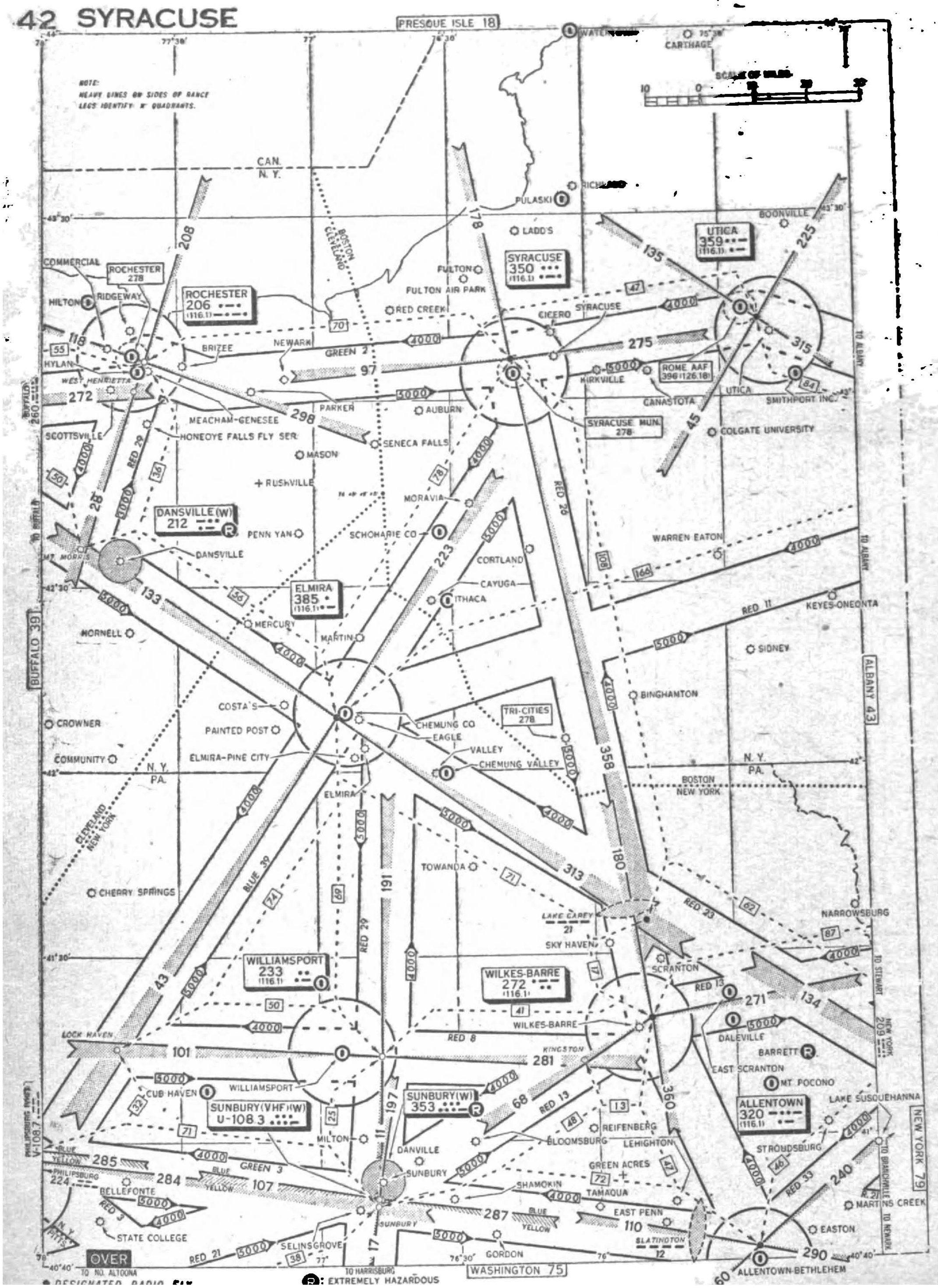
AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW;RR E	730	20 S1	80 oct.S approh blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct.Mts N,NE.
★ Newark Int,27A,CV-A2	1.3 NNW;rd N,E	490	19 L3	Pole N.
Painted Post	4.4 SW;RR W	950	19 S2	80 oct.Trees E,W.
Parker (Palmyra)	2.8 S;RR N	540	15 S1	80 oct.
Penn Yan	1.1 S;lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OP ENTRY
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct.JP-1.
Scottsville	1 N;RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct.Pole line S.
→Syracuse	3.5 NNE;hwy W	419	55h	
" MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct.Rdo rec rqrd
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE.
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees S.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct,Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Ben on req.ARPT OP ENTRY.
Schoharie Co.(Richmondville	1.3 NE; RR N	1000	16 S1	80 oct. Trees E.
Smithport Inc.(Utica)	3.5 SSE	1150	20h S1	80,91 oct. Data unverified
Rushville	2.5 NNE	1120	20 S1	Unverified.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 SSE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW, E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	21 S4	73 oct.
Cherry Spgs. (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct.Trees W,SE, NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct.Hill S.
Danville	2.2 SW;RR N	489	22 S3	80 oct.Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct.Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
Gordon	1.8 W;RR E	960	18 S2	80 oct. Hill S.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant)(NC)	3 N;rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct.Pole line SW.
Mt.Pocono,21,BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct.Pole line NE.
Mt. View (Nicholson)(NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91oct. Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S;RR N	639	20 S1	80 oct.Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct.Poles adj W.
Stroudsburg-E. Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 L1 S6	80 oct. No sto.
★ Tamaqua,Int,61B,CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct.Pole line SW,NE.
Wilkes-Barre-Wyoming Valley	3.5 NNE;riv S	546	35h R1 L3 S4	80,91 oct.
(P) Williamsport	5.1 E;riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
→Hughesville (Pa) (NC)	0.6 S;crk E	570	12	Usable in emergency only.
Boonville (N.Y.)	4.5 ESE;riv NE	1273	29 S1	80 oct. Obst sur fld.
Green Acres (Hazleton)(Pa)	4 SE	1260	20 S4	80,91 oct

h-hard surfaced runways, R-radio facilities. L-lighting facilities. S-servicing. (See page ix) (NC)-Not charted. → NEW OR REVISED DATA

42 SYRACUSE



● DESIGNATED RADIO

R: EXTREMELY HAZARDOUS

ALBANY 43

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

ONE HEAVY LINES ON SIDES OF RANGE USE NORMALLY 4 QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
GLENS FALLS(W) 206 Ⓡ
LEBANON(W) 209 Ⓡ
TWIN STATE
NORTHFIELD
MONTPELIER
BURLINGTON
FAIR HAVEN
RUTLAND
LEBANON
NEWPORT
CLAREMONT
HARTNESS
PISECO
PLATEAU
SACANDAGA PARK
GLENS FALLS
WARREN CO
N Y
VT
STEENBURGH
GLOVE CITY
CARPET CITY
VAUGHAN
BALLSTON SPA
LONG MEADOW
SARATOGA SPRINGS
SCHUYLERVILLE
EQUINOX
VT
N H
HAYDUK
FORT PLAIN
STONE ARABIA
SCHENECTADY CO
ALBANY 365 (116 1)
BENNINGTON
KEENE
DILLANT-HOPKINS
LAURIESVILLE
SKY HAVEN
BRIGGS
COOPERSTOWN
INTERCITY
STEVENS
BRATTLEBORO-HINSDALE
VT N H MASS
COLONIE
TROY
ALBANY 278 (126 18)
FAIR VIEW FARM
ADAMS
TURNERS FALLS
ORANGE
GARDNER
EAST GREENBUSH
SELKIRK
RAVENA
WESTOVER AAF 272
MEDWAY 28
FARLYS
PITTSFIELD
PILGRIM
HILLER
LaFLEUR
WESTOVER AAF 396 (126 18)
E BROOKFIELD
BROOKFIELD
SOUTHBRIDGE
METROPOLITAN
SPRINGFIELD
HALCOTT
MARGARETVILLE
FLEISCHMANNS
CATSKILL VALLEY
GREAT BARRINGTON
BARNES
WESTFIELD 230 (116 1)
W SPRINGFIELD
KINGSTON-ULSTER
COZINE
CONN
CANAAN
MILLERTON
BRADLEY 284 RC 126 18 MC
BOWLES
AGAWAM
KINSLEY
WOODSTOCK
WALLKILL NO 2
LIVINGSTON MANOR
BOSTON NEW YORK
CLIFF HAVEN
KINGSTON
AERO LAKE
ARLINGTON
NEW HACKENSACK
STEPHENSON
SIMSBURY
RENTSCHLER 254 (126 18)
NEWBURGH-WALDEN
STEWART AAF (W) 335
NEW PALTZ
WAPPINGERS FALLS
FREEDOM PLAINS
WINGDALE
LINE RIDGE
WATERBURY
HARTFORD 329 (116 1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
MONTGOMERY NO 1
STANTON'S
STORMVILLE
BROOKFIELD
MERIDEN 18
BRAINARD 278
SALEM
STARHAVEN
HUGUENOT
RANDALL'S
MATAMORAS
NEW HACKENSACK 236 (116 1)
BETHANY
LUFBERY
MERIDEN 278
DANBURY
MONROE
DOANE
WATERFORD
GROTON
TRUMBULL
STEWART AAF 396 (126 18)
SOMERS
HAMMONASSET
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
CROTON
WESTCHESTER
SUSSEX
WARWICK-WICKHAM
SPRING VALLEY
CHRISTIE
BRANCHVILLE
BRIDGEPORT 269 RC
ALLENTOWN 320
NEW YORK 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 79
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK CO.
WESTCHESTER CO 260 RC

OVER

ALBANY

RADIO — CONNECTICUT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BRADLEY (Windsor Locks)	284(126.18)	CI	3105,4495,126.18 (6-18)
BRAINARD (Hartford)	278	C	(4),126.18,122.5
BRIDGEPORT ARPT	269	C	(4),116.1,122.5
HARTFORD (Brainard)	329(HT)(116.1)	SBMRAZ-DTV, 323°, 2.3	(3), 116.1
MERIDEN FM	(- - -)	FM,244°,17.6	Hartford
MERIDEN ARPT	278	CI	3105,4495(days)
RENTSCHLER (East Hartford)	254(126.18)	CI	(3), 126.18
MASSACHUSETTS			
WESTFIELD (Barnes)	230(WJ)(116.1)	BMRLZ-DTV 27°, 1.7	(4), 116.1
WESTOVER(Chicopee Falls)(Army)	272 (DOJ)	BMRAZ;239°,2.7	(3)
Westover Fld	396(126.18)+	CA(ILS)(GCA)	(3),126.18(Appch cont.)
NEW HAMPSHIRE			
LEBANON	209(LP)	MHW	
NEW YORK			
ALBANY	365(AZ)(116.1)	SBRAZ-DTV	(3), 116.1
Albany Arpt.	278(126.18)	C, 196°, 3.1	(4),116.1,126.18,122.5
AURIESVILLE FM	(- - - -)	FM, 302°,27.2	Albany
COLONIE LFM	(- - -)	LFM,206°,5.7	Albany
GLEN FALLS	206(GB)	MHW	
MEDWAY FM	(. . - - -)	FM, 206°,27.6	Albany
NEW HACKENSACK	236(NX)(116.1)	SBRAZ-DTV 185°,5.3	(4), 116.1
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
SARATOGA SPRINGS FM	(-)	FM, 28°,24	Albany
STEWART FLD (Army)	335 (DMU)	MRLW	
Stewart Fld	396(126.18)	CA,125°,2.4	(3),126.18 (7-23)
WESTCHESTER CO (White Plains)	260	C	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APR. SEAS	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (Chicopee Falls,Mass) (L6)+	109.9	333.8	239° Mag.	IM- (0.49)	MM- ·····(0.79)	OM- --(3.38)
	109.5	332.6	59° Mag.	IM- (0.02)	MM- ·····(0.72)	OM- --(4.42)
					MMK-	OMK-

S Simul Range and Voice, W Without Voice, 2 VHF Range Station Location Marker. (2) 3105, 4495, 6210 kcs. (3) 3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116 L, 137.88, 148.58 mcs.

AIRPORTS — CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Bethany	1.3 N,hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
(P)Bradley (Windsor Locks)	2.8 WNW,RR, riv E	171	50h R1 S6	Antenna prior req. S. No fuel.
BRAINARD(Hartford)	2.8 SE,RR W	19	48h R2 L5 S6	80,91,100 oct.Dike E,N
(N,P) BRIDGEPORT	3.5 ESE	9	48h R1 L5 S4	80,91 oct.
Brookfield	0.3 S,RR,riv E		10 S6	80 oct.No sto.Data unve
Canaan	1 N,RR W	680	24 S6	80,91 oct.No sto.Pole line SW.
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line WSW,SSE
Doane (Essex)	1.2 SW,RR E,N	30	21 S6	80,91 oct. Trees N, NW.
Groton Trumbull	2.8 SE,RR W	10	50h	(Groton)
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufberry (Wallingford)	0.5 WSW,RR E	80	22 S6	80 oct.No sto.Stacks S,
Meriden	2.7 SW,RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S N.
Monroe	0.7 SSE,rd E	620	20 S6	80 oct. Rd. W.
NEW HAVEN	3.5 SSE,riv W	4	42h S6	80,91 oct-ltd 100 oct, Pole line NW.
Rentschler (E.Hartf'd)	1 S,riv W	40	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E,lk NNE	400	21 S6	80 oct.
Simsbury	2.6 NNE,RR W	170	17 S6	80 oct.Trees SE.
Stephenson (Bristol)	1.5 ESE,RR N	240	18 S6	80, 91 oct.
Waterbury (Plymouth)	2.6 S,RR E,W	843	20 S6	80 oct.
Waterford	1.7 N,RR SSE	60	20 S6	80 oct.Trees,hill S.
West Haven	2.7 SW,hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.

R-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → New or revised data.

AIRPORTS — CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Windham	3.5 NNW,hwy S	238	44h S1	80 oct.Trees NE,ENE.
MASSACHUSETTS				
Adams	1.3 SSE,RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S,riv E	50	16 S6	80 oct.Pole line SE.
BARNES(Westfield)	3 NNE,RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW,trk E	190	40 S4	80 oct.Poleline S,SSE.
Brookfield's	1 W,RR SW	680	20 S6	80 oct.P-line SW W,NW.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.Poleline ENE. Hill NNE.Lgt acft only
Gardner	2 SW,hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW,riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (N.Brookfield)	6.5 NNW	600	35 S3	80 oct. Data unver.
La Fleur (Northampton)	1.2 ENE,riv SW, N	120	26 S4	80 oct.No sto.
Metropolitan(Palmer)	5 N,riv W	400	19 S6	80 oct.Hill N.
(P)Orange	1.5 SE,hwy SE	555	50h S1	80 oct.Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto.Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy N	1140	27 L3 S1	80 oct.Poleline N.
Southbridge	1 N	700	26 S4	Data unver.
Springfield	2.3 NE,RR S	205	26 S6	80,91 oct.Bldgs W
Stevens (N.Adams)	2.8 WSW,RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct.Wooded ridge SE,SW.
(A)Westover (Chicopee Falls) (A)	3.8 NNE,riv W	244	70h R3 L6 S6	73,91,100 oct.No sto.
West Springfield	1.5 N,riv E	65	19 S4	Data unver.
NEW HAMPSHIRE				
Claremont	1.3 W,riv NE	520	2ah S2	80,91 oct.Wooded ridge
Dillant-Hopkins(Keene)	2 S,riv,RR W	481	40h S6	80 oct. NNE
Brattleboro-Hinsdale (Hinsdale)	2.7 NW,RR W	360	18 S4	80 oct.Lodg flares prior req.
Keene Arpk.	3 NW,RR W	500	21 S6	No fuel or sto,100' hill
Lebanon	3.3 WSW,RR N	579	40h L5 S4	80 oct.Rdo repairs SE.
Newport	2 NNW,RR W	780	26 S4	80 oct.Pole line E.
NEW JERSEY				
Sussex	1.2 WSW,RR S	420	25 S1	80 oct.200' knoll NNE.
NEW YORK				
Accord (NC)	0.7 N,RR S	360	15	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE,RR W	220	23 S4	80 oct.Trees S.
(P)ALBANY	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF ENTRY.
Arlington(Poughkeepsie)	1.5 E,RR E	280	18 S2	80 oct.Pole-line NE,trees SW.
(P)Ballston Spa	3 N,RR E	433	40h L5 S6	80,91 oct.Fld lgts prior req
Briggs (Carlisle)	0.6 SE,RR W	1320	12	
Carpet City (Amsterdam)	6 N,rd NW	887	18 S6	80 oct.Use strips only.
Catskill (Cairo)	2 E,hwy S			ABANDONED.
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N,RR E	150	16 S4	80 oct.Poleline SW.
Cooperstown	1.4 NNW,RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE,RR W	200	20 S1	87 oct.Pole line W.
Cliff Haven (Accord)	11 W,RR S	260	16 S1	80 oct.
East Greenbush	0.8 NW,RR W	260	38 L S6	80 oct.Port rnwy lgts.
(A)Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn. P-line N.
Farly's (New Baltimore)	3 S,RR W	10	20 S1	80 oct.Trees N.
* Ft.Plain Int,40A,CV-AZ	3 NNW,RR NE	680	35 L3	
Freedom Plains (Billings)	2 W,rds N,E	340	11 S1	80 oct.Pwr line S.
Glens Falls,18,LG-UL	2.6 NW,rd S	474	63h L3 S6	80 oct.
Glove City(Gloversv'l)	1.5 NE,RR S	860	17 S1	80 oct.
Halcott (Halcott Ctr.)	1 N		10 S1	80 oct.Data unver.
Hayduk (Herkimer)	0.6 SSE,RR N	400	12 S4	Ltd 80 oct.Poleline E,
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity(Schenectady)	3.6 SSE,RR NE	340	20 S4	80 oct.
Kingston	1.5 NW,RR S	150	17 S4	80 oct.Pole line NW.
(P)Kingston-Ulster	2.7 N,RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge (Beekman)	1.3 SE,RR S	420	16 L2 S6	80 oct.All lgts prior req

AIRPORTS — NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Livingston Manor	0.5 SE,RR W		21h S4	80 oct.;91 oct req.Data unver.
Long Meadow (Rexford)	1.5 NE,RR N,W S.	380	17 S1	80 oct.Poles NNE
Margaretville-Fleischmanns (Margaretville)	0.2 S,riv W		21 S4	80,91 oct.No sto.P-line NE.Data unver.
Miller (Nyack)	1.8 WNW,riv E	70	17 S6	80 oct.No sto,P-line SW
Millerton	1.5 N,RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW,riv W	393	22 S6	80 oct.Trees N,brush E.
(A)Montgomery U.S.Mil. Academy 61 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan Co.	1.4 S,RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts. Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW,riv W	404	32 S6	80,91 oct.Obsts sur fld.
(P)New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W,RR E	190	20 S1	80 oct.
Piseco	0.5 N,hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau (Northville)	2.5 E,riv ESE	1040	24 S6	80,91 oct. Trees S. NNE
Randall's (Middletown)	1.8 ESE,RR NW	520	20 S2	80 oct.
Ravena	1.2 N,riv 2 E	180	14 S2	80 oct.Lgt acft only.
Rockland (New City)	1 SSE,RR E	240	14	Trees W,hwy E.(NC)
Sacandaga Park (Northville)	1 SW,RR W	770	13 S1	80 oct.Pole line WSW.
(P)Schenectady Co.	3 N,RR SE	382	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S,riv E	100	29	Trees N,S.
Selkirk	2.7 E,riv E	180	22	Trees N.
Sky Haven (Delanson)	0.9 NW,RR SE	1100	14 S2	80 oct,ESE,W blocked.
Somers	0.6 SE,RR E,S	563	20 S4	80 oct,No sto.
Stanton's Newburgh Cub Port (Newburgh)	5.3 NW,RR S	520	12 S2	80 oct.Trees S.
Starhaven(Middletown)	1.3 NW,RR SW	750	29	Trees SW,SE,NW,RR N
Steenburgh Avia.Svc. (Gloversville)	1.5 ENE,RR N	900	6 S1	80 oct.
(A)Stewart(Newburgh)(A)	4 W,hwy N	474	61h R1 L5 S6	100 oct
Stone Arabia(Ft. Plains)	3.6 ENE,hwy E	880	18	Pole line NNW.
Stormville	1 ENE,RR S	350	23 S4	80 oct.No sto.Trees NE.
* Ticonderoga Int,22, LG-UL	2.7 NNE,rd E	210	32 L3	Obsts sur fld.
Troy	2 SSE,riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park (Middleburg)	1.5 NNW	635	16	Data unver.
Vaughan(Johnstown)	1 E,hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A)Wallkill,U.S.Mil.Acad. #2 (A)	3 NW,riv E	340	35h	CLOSED.
Wappingers Falls	0.9 SE,rd S	152	21 S4	80 oct.P-line E,W,S.
WARREN CO (Glens Falls)	2.4 NNE,rd N	325	40h L5 S1	80 oct. Lgts prior req.
Warwick-Wickham	4.5 NE,RR W	540	24 S4	80 oct. Ridge N.
Westchester(Armonk)	0.5 SSE,riv E	380	23 S6	80,91 oct.Trees sur fld
(P)Westchester Co.(White Plains)	4 NE,lake W	435	50h R1 L5 S6	80,91 oct days;100 oct, FEE.
White (Bedford)(NC)	3.6 SE,hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE,RR E,SE	560	31 S4	80 oct.Obsts sur fld.
PENNSYLVANIA				
Matamoras	0.5 SSE,riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req
VERMONT				
Bennington	2.5 WNW	830	15 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E,riv E,N	700	18 S6	80 oct,Poleline,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW,riv E	570	20 S6	80 oct.
Rutland	5.8 SSE,hwy W	784	40h L3 S4	80 oct.No sto,All lgts
Twin State (White River Junction)	1 SW,riv,RR E	540	19h S6	80 oct.Hill NW prior req
Spring Valley (N.Y.)	0.3 E			Fuel,sto.Data unver.
Hammonasset(Madison Conn)	2 E, hwy N	15	12 S1	80 oct. Trees W
Croton Air Park (Peekskill,N.Y.)	4.8 SW,riv SW	280	13	Hill SW.
East Hampton(N.Y.)	2.5 W,RR S	40	25 S4	80 oct. No sto.
Mattituck (N.Y.)	0.8 ESE,bay S	12	25 S6	80,91 oct.Poles N.
Suffolk County (Westhampton Beach,N.Y.)	2.6 N	69	50h	

RADIO

MAINE

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BRUNSWICK NAS	382 (NSM)	SRAZ; 84°,4	(3)
PORTLAND	206(PW)(116.1)	BMRLZ-DTV,149°, 2.2	(4); 116.1
YARMOUTH FM (Navy)	(- - -)	FM, 264°, 11.4	Brunswick NAS.

MASSACHUSETTS

BEDFORD (Navy)	522 (DBH)	MH	Operates cont.
Bedford AAF	212 (126.18)	CA	(3); 126.18
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . - - -)	FM, 238°, 28.7	Boston
→ LOGAN (Boston)	278 (118.7 126.18,118.1)	AC:238°,1.4	(4), 122.5,126.18, 118.1, 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3);142.74 flt opers.
→ Squantum NAS	323(142.74)	CN,321°,3.7	3105,4495;142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
→ CONCORD	251 (CN)(116.1)	BMRLZ-DTV .332°,1.9	(4),116.1
→ GRENIER (Manchester) (Army)	336(DUR)(116.1)	SBMRAZ-V	(3),116.1
→ Grenier Field	278(126.18, 116.1)+	CA(ILS),352°,4	(3);126.18,116.1
CHARLESTOWN NAAS	3295 (142.74)	CN(GCA)	3105;142.74
→ GREENE (Providence)	276 (118.9)	C;47°,3.2	(4); 118.9,122.5
→ PROVIDENCE (Greene)	347(PR)	MRLWZ	
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105;142.74
→ Quonset Point NAS	227(142.74) (126.18)	CN,339°,2.2	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. HEAD	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (Manch.N.H.)	109.5 .-.-	332.6	352° Mag	IM- (0.02)	MM- (0.71)	OM- (5.00)
				MMK-201 .-- (0.71)	OMK-219 .-- (5.00)	
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster (Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, H,LG-BW	1.7 WSW;riv E	460	22 L3	Pole line N;poles NE.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). → NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
(N) Brunswick NAS (N)	1.5 SE;RR N	77	60h R1	91,100 oct.
Douglas (Brunswick)	3.5 W;RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW;RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2 S; rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting (Bowdoinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	22 S3	80 oct. Poleline SSE, NE,SW.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct. No sto. Trees NNW
(P) Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A) Bedford AAF (A)	1 S	128	50h R2 L5 S6	80,100 oct.
(CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80,91 oct
Brockton	2 S,hwy E	128	22 S6	80 oct. Poles E,W. Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club (Wareham) (NC)	1.3 E,riv S	25	17	Pole line, trees N
Chatham	1.7 WNW,hwy S	66	14 S4	80 oct. Pole line N
Eastham Thunderlown	5 N	45	16 S3	(Orleans) Data unverif.
→ Edgartown	2 S,rds E,NW	20	30 S4	80 oct. No sto. Pole line E
Falmouth (NC)	2.5 NE	40	18 S4	80 oct. Data unverified
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct. Knolls,dike S.
(A) Fort Devens AAF (A) (Ayer)	1.5 NW,riv W	268	52h	
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct. Pole line S
Grafton (No. Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	90 oct. Stack S; pole line NW
HYANNIS	1.2 N,RR E	56	41h S4	80,91 oct.
King (Taunton)	4.5 ESE,RR N	45	26 S6	73 oct. Poleline NNE
(P) LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct. Pole line SSE
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
A,N) LOGAN (Boston)	1.5 E in harb	12	70h R2(L5) S6	80,91,100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE,RR NE	124	25 S2	80 oct. Pole line NW,NE
Marlboro	2.4 E,RR WSW	265	15 S2	80 oct. Ridge SSE,NNW
MARTHA'S VINEYD. (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct. Lgts prior req Obsts SE side
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto. Pole line N,NW
Myricks	0.8 N,RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct. Port lgts.
(P) New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore (Essex)	Adj NW	20	15 S1	
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4	80 oct. Trees E,SE
(N) Otis NAAS (Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts,fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct. Ltd sto. Rnwy data unver. Trees NE,E,SE
Sherman Memorial (Mansfield)	3 SSW,RR W	130	17 S1	73 oct. Trees sur fld.
(N) South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts. (N)
Spencer	2 NE	1100	15	Data unverified
(N) Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct. No sto. No ngt flying lgts prior req
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No. Attleboro)	2 NE,lake NW	200	18 S6	80 oct. Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

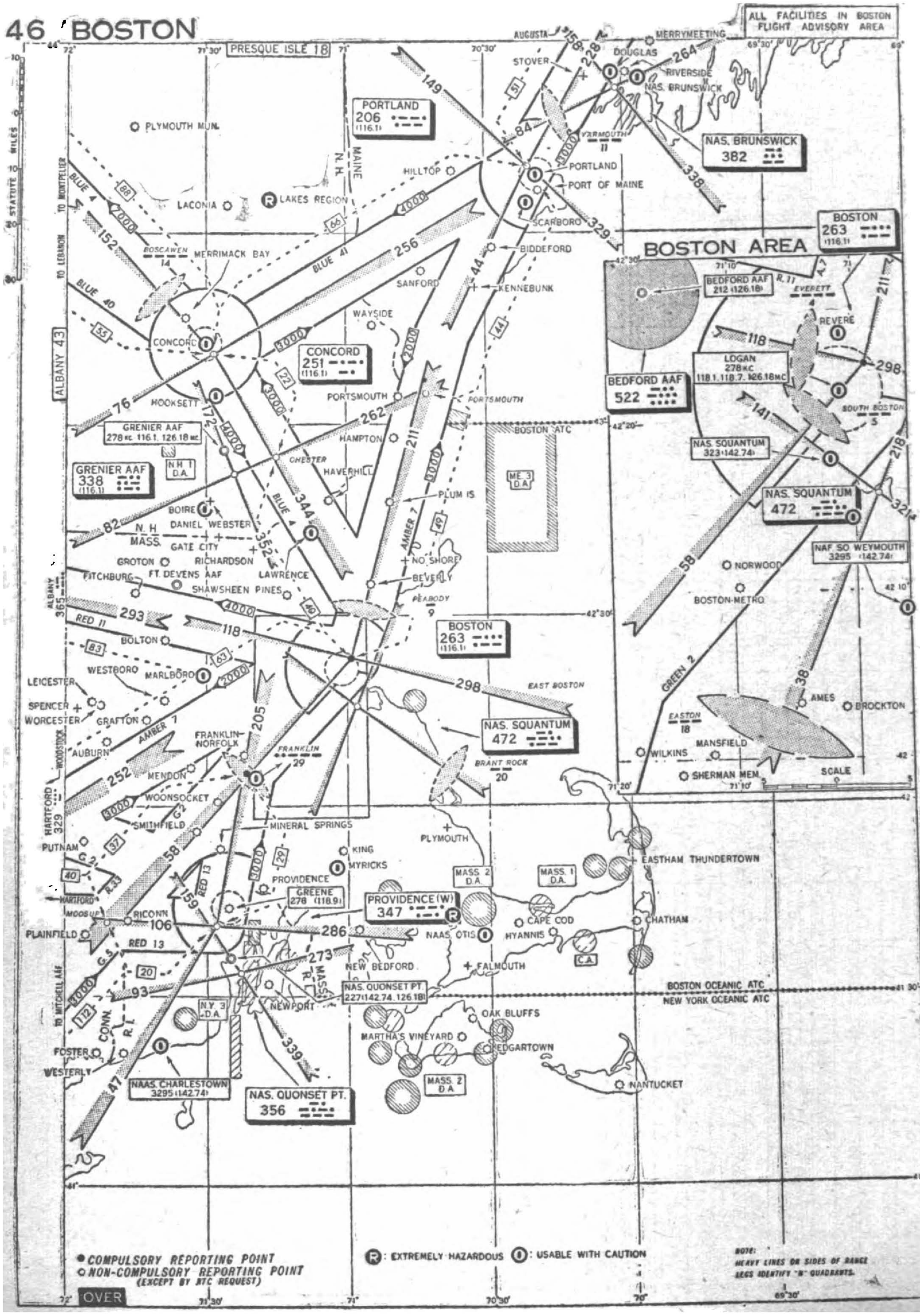
Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80 oct. Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
Daniel Webster (Nashua)	3.5 NW,riv E	192	24 S6	80,91 oct. Data unverified
Gate City (Nashua)	4 S		23 S4	80 oct. Data unver
(A) Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	22 S5	80 oct. No sto. Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	32 S6	80 oct. No sto.
Laconia	3.8 NNE; RR S	536	35h L5 S6	73,80,91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W,RR E	580	14 S1	80 oct. No sto.
Merrimack Bay (Concord)	5 NNW,RR W	260	15 S2	80 oct. Poleline S.
Plymouth Mun. Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct. Poleline N
(P) Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside (Sommersworth)	2.4 W,RR N	200	12 S2	80 oct. Trees SSE.

[redacted]

(N) Charlestown NAAS (N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
← GREENE (Providence)	7 S,RR W	53	41h R1 L5 S6	80,91 oct.
← Newport Arpk	3.5 NNE	145	25 S4	80,91 oct. Emerg lgts only.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct. No sto. Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct.
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E,riv WSW	400	20 S2	80 oct.

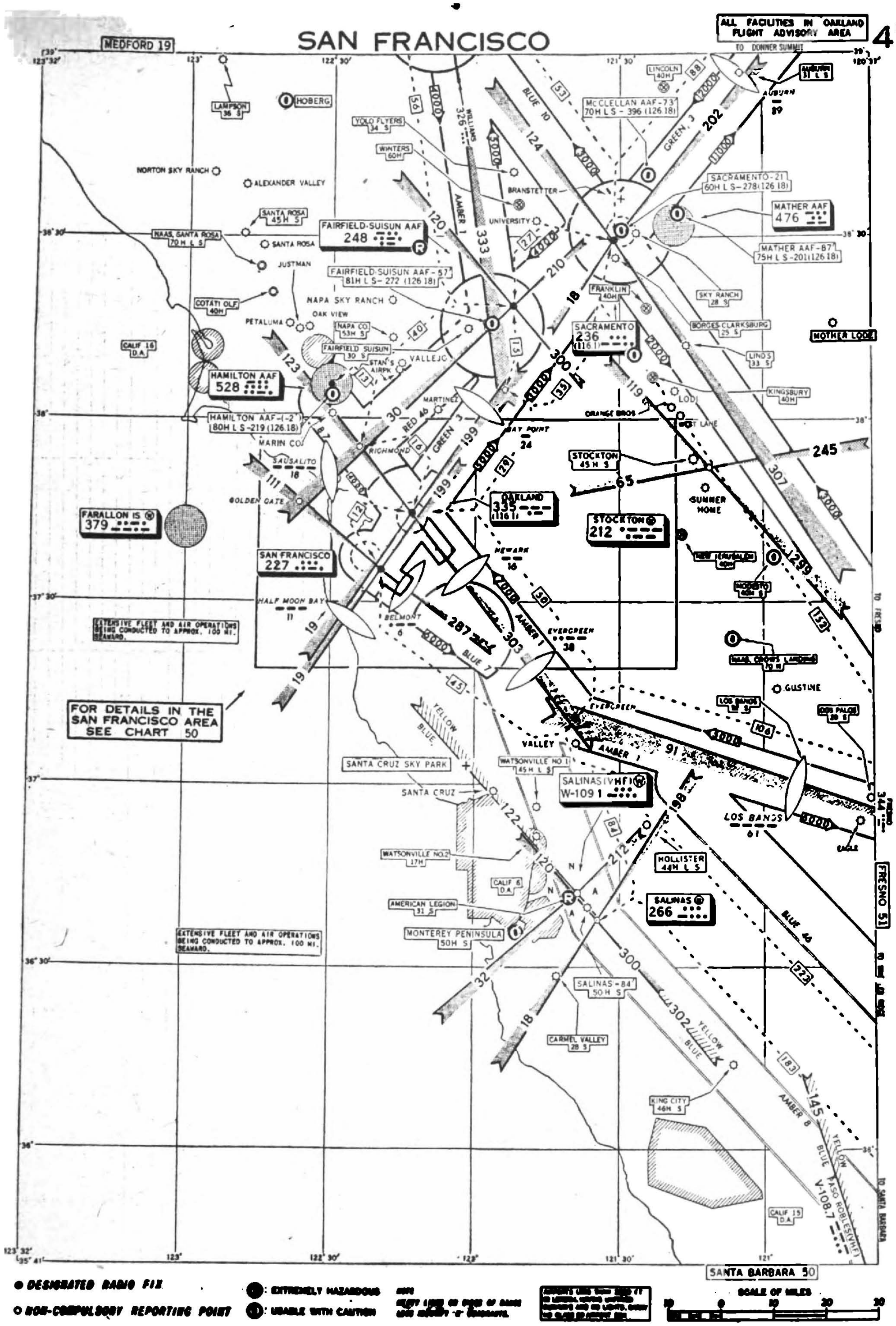
NEW AIRPORTS

46 BOSTON



OVER

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(E): EXTREMELY HAZARDOUS

(U): USABLE WITH CAUTION

SCALE OF MILES

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(- - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3);126.18 cont;4220 kc on req.
Fairfield-Suisun AAF (Army)	272 (126.18)	CAULS(GCA);210°,4.7	(3); 4220,126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 198°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA; 298°, 8.9	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	398 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX,199°,0.2	(4). 116.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-VDT	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);126.18
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF	212(IW)	MRLW.;85°,3.1	
SALINAS	106.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APP. CRS.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD AAF, CALIF. (L6)	110.3	335	210° Mag.	IM- (0.3)	MM- (1.1)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct,No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	INACTIVE, Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,91,100 oct.FOREIGN CLEAR.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED STN.
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct, Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(A) Kingsbury (Lodi) (A)	6 WSW	15	40h	RR NE. CLOSED
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(A) Lincoln (Sacramento) (A)	3.2 WNW,RR NE	120	40h	CLOSED
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(P) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req.Data unver.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	18 S5	80, 91 oct. Hwy W req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 FNE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts. Poles E.
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → New or revised data

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-VDT	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS):141°, 1.5	(4):126.18,131.9,118.5,142.74
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN	(3);126.18, 142.74
MT. VIEW(Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
→ OAKLAND	335(OA)(116.1)	SBRAZ-DTXV	(4);116.1, 122.1
→ Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4):126.18,118.7,122.5
→ PASO ROBLES	(108.7) (OB)	BVAR	
POINT MUGU NAF	338 (142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 201°, 3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
SANTA BARBARA	230(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
→ SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-18)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. Mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD, CALIF.(Kern Co.)	109.9		300°Mag.	IM- (0.07)	MM- ····· (0.80)	OM- -- (4.71)
					MMK-	OMK-
OAKLAND,CALIF.	109.9		273°Mag.	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

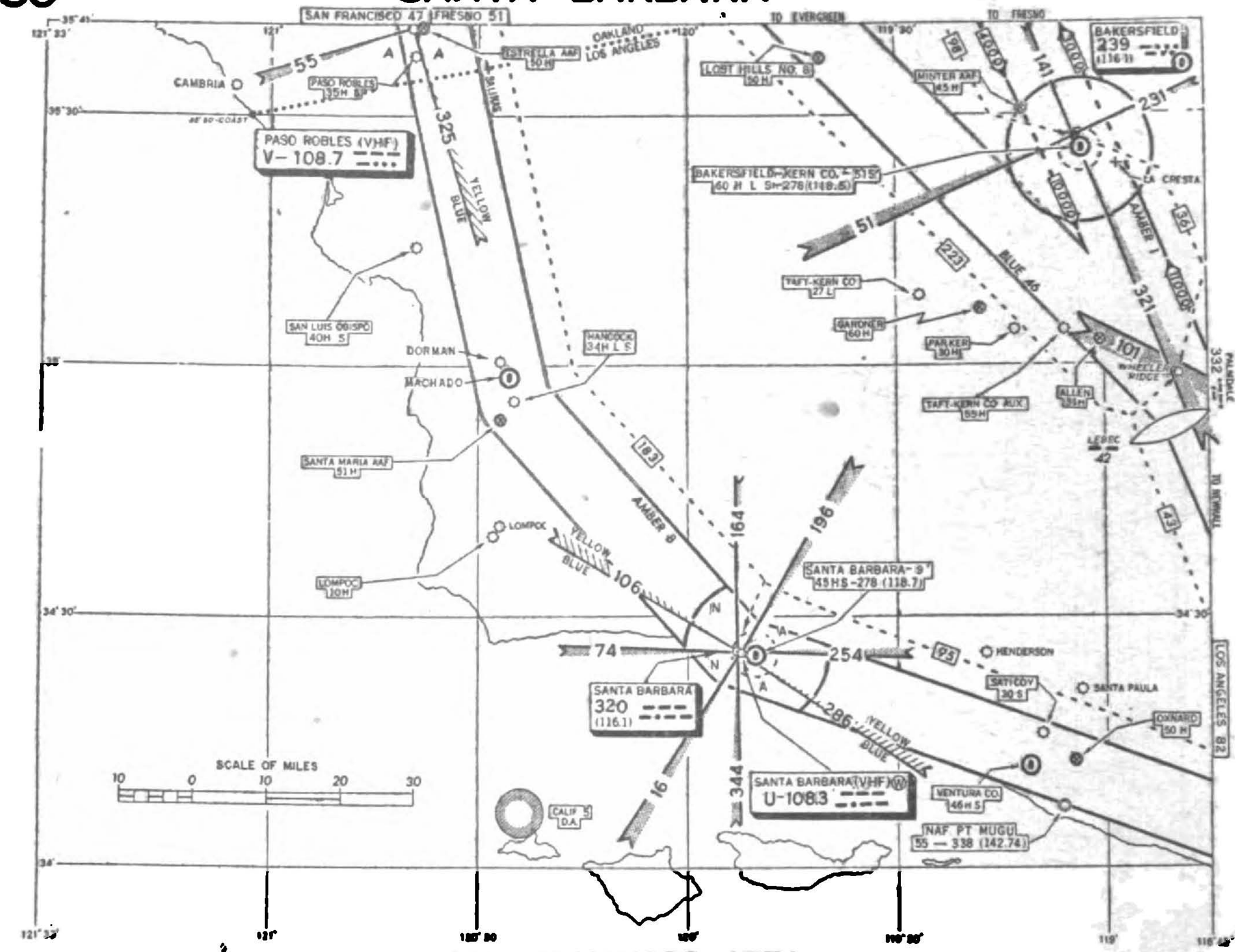
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S W	15	52h R1 L5 S6	91,100 oct.No sto.NAFC.
Allen (Taft)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
(N) Concord (N)	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	1.5 NW,hwy S	22	50h	
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)(A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
→ La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40	Closed-use in emergency only.
→ Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xx) NC (not charted). → New or revised data

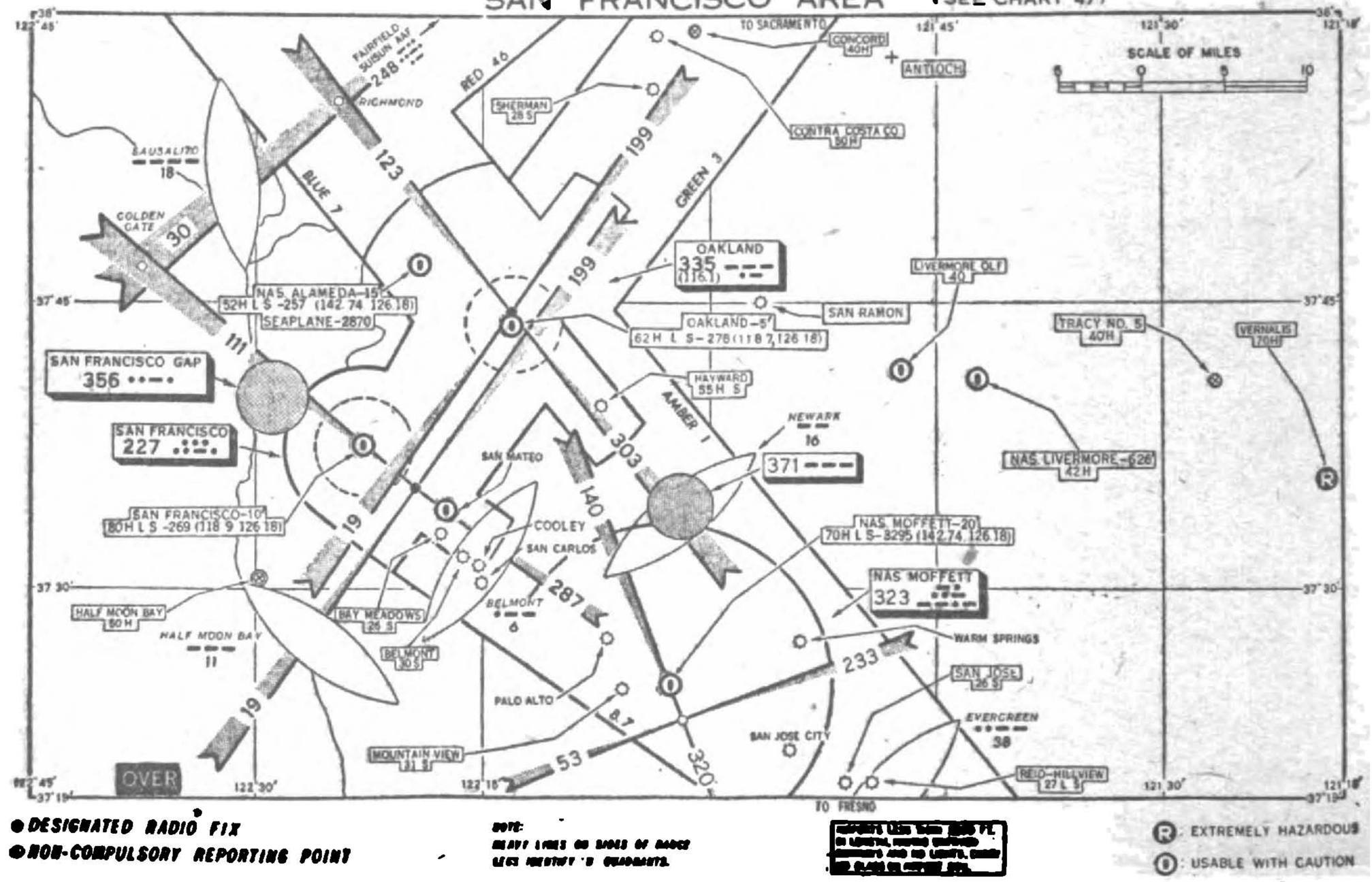
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto.
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct. 2-way rdo req.
→ Oxnard Flight Strip	5.5 E,RR S	94	50h	
Palo Alto	2 ENE;bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S.
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct.
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE,bay E	10	80h R2 L5 S1	80,100 oct,No sto.Rdo req.
San Jose City (San Jose)	2 NW,RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE,hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE,RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE,RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
→ Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S,riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S,RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE,RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W,hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
Cooley (San Carlos)	2.9 NNW,RR S	6	21 S6	80,91 oct. Hwy SW.
Dorman (Santa Maria)	4 N,RR SW	380	23 S1	80 oct.
Machado (Santa Maria)	2.2 N,RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW,RR W	515	60h R3 L5 S6	80,91,100 oct.

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 47)



● DESIGNATED RADIO FIX

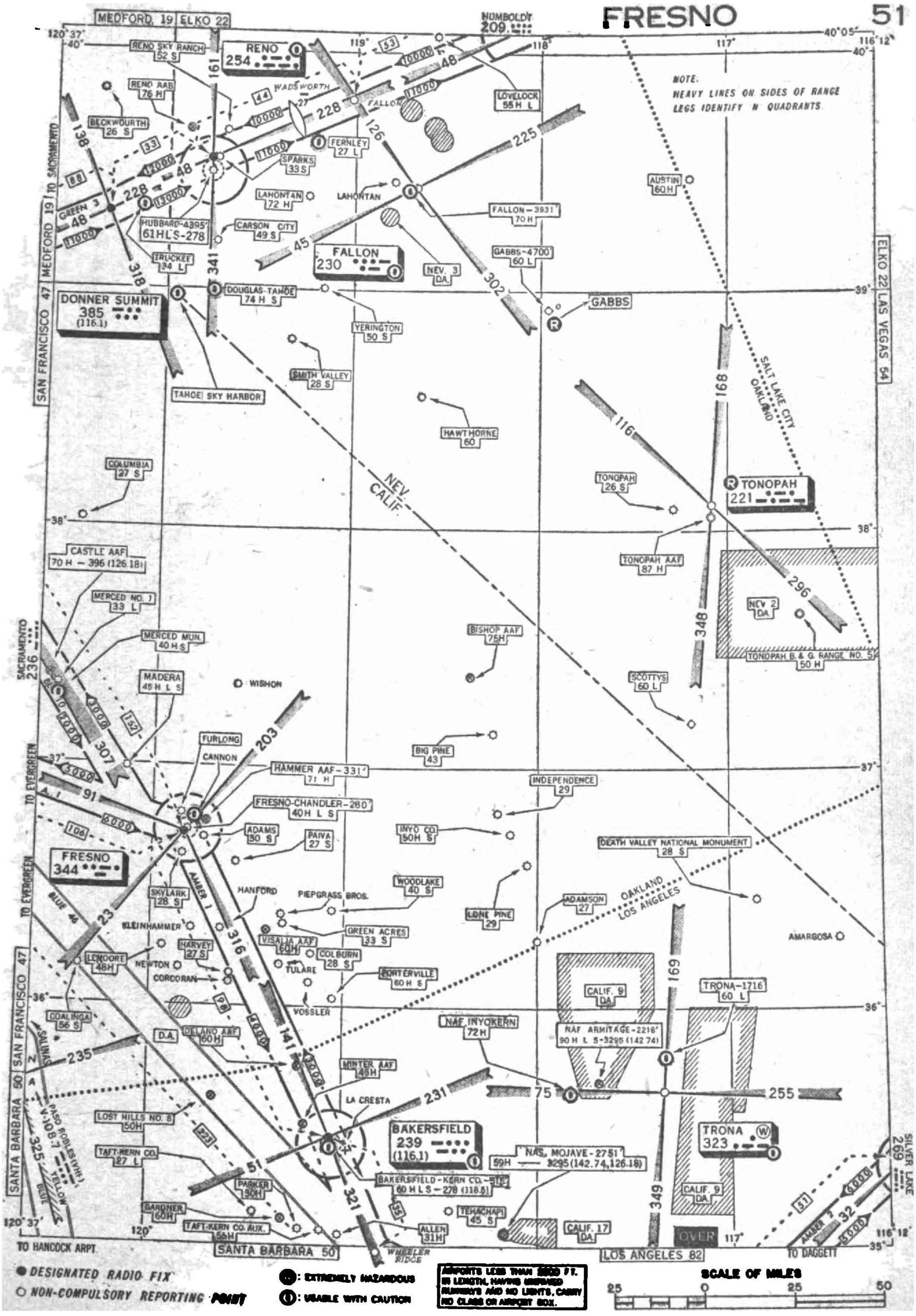
● NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO
LEGS INDICATE 'D' BOUNDARYS.

[redacted]

R : EXTREMELY HAZARDOUS

D : USABLE WITH CAUTION


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO SKY RANCH 52 S
RENO 254
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
GREEN 3
HUBBARD-4395' 61 H L S-278
CARSON CITY 49 S
FALLON-3931' 70 H
TRUCKEE 34 L
FALLON 230
GABBS-4700' 60 L
NEV. 3 DA
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
GABBS
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE 60
SALT LAKE CITY OAKLAND
COLUMBIA 27 S
NEV. CALIF.
TONOPAH 26 S
TONOPAH 221
TONOPAH AAF 87 H
CASTLE AAF 70 H — 396 (126.18)
MERCED NO. 1 33 L
MERCED MUN. 40 H S
BISHOP AAF 75H
NEV 2 DA
TONOPAH B. & G. RANGE NO. 5 50 H
SCOTTYS 60 L
MADERA 45 H L S
WISHON
FURLONG
CANNON
HAMMER AAF-331' 71 H
BIG PINE 43
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40 H L S
ADAMS 30 S
PAIVA 27 S
INYO CO. 50 H S
DEATH VALLEY NATIONAL MONUMENT 28 S
FRESNO 344
SKYLARK 28 S
HANFORD
PIEPGRASS BROS.
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
AMARGOSA
KLEINHAMMER
VISALIA AAF 60 H
GREEN ACRES 33 S
COLBURN 28 S
HARVEY 27 S
LEMOORE 48 H
NEWTON
TULARE
PORTERVILLE 60 H S
CORCORAN
CALIF. 9 DA
TRONA-1716 60 L
COALINGA 56 S
VOSSLER
NAF INYOKERN 72 H
NAF ARMITAGE-2216' 90 H L S-3295 (142.74)
DELANO AAF 60 H
D.A.
MINTER AAF 45 H
LA CRESTA
LOST HILLS NO. 8 50H
BAKERSFIELD 239 (116.1)
NAS, MOJAVE-2751' 59H — 8295 (142.74,126.18)
TRONA 323
TAFT-KERN CO. 27 L
BAKERSFIELD-KERN CO.-5115' 60 H L S-278 (118.5)
PARKER 30H
TEHACHAPI 45 S
CALIF. 17 DA
GARDNER 60H
TAFT-KERN CO. AUX. 56H
ALLEN 31H
CALIF. 9 DA
SILVER LAKE 269
TO HANCOCK ARPT.
SANTA BARBARA 50
WHEELER RIDGE
LOS ANGELES 82
TO DAGGETT
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
AIRPORTS LESS THAN 5000 FT. OR LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SDX.
SCALE OF MILES
25 0 25 50

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239 (BD)(116.1)	SBMRAZ-DTV	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C(ILS); 141°, 1.5	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°,0.9	(4)
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18,142.74
→ TRONA	323 (EW)	SMRAWZ,349°,11	

NEVADA

FALLON	230 (VA)	SBRAZ-DT,219°,2.9	(4) Not manned cont.
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun (6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SBRAZ-DT,168°,2.6	(4) Not manned cont.
→ WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLI'S COMPASS LOCATORS)		
BAKERSFIELD, CAL. (Kern Co.)	109.9		300° Mag.	IM- (0.07)	MM- .....(0.80)	OM- --(4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + — Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage NAF (Inyokern)(N)	8 ENE	2218		91,100 oct. No sto. CLOSED.
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
→ Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N, W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	28 S2	87, 100 oct.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
→ Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91,100 oct. No sto.
Furlong (Fresno)	5.5 NW,RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N,RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	INACTIVE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted). → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
→ La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE,RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Fld lgts prior req.
Merced #1	2.5 NW,RR SW	165	33 L3	No beacon
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave (N)	0.7 E;hwy W	2751	59h R1	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto.Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
→ Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
* Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE
→ Visalia	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

(N) Austin OLF (N)	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
* Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
Fallon	6 SE;hwy S	3931	70h R1	Closed, emerg. use only.
* Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60 L3	
(N) Hawthorne	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	61h R2 L5 S4	80,91 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW.HwyW
Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
* Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60 L2	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230		80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h R1	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-VDT,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-VDT,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-VDT,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM, 28°, 30	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-VDT	(3)131.7,116.1 only
Las Vegas AAF	278(126.18,118.7)+	C (ILS),34°, 1.9	(4):118.7,126.18,122.5

UTAH

BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-VDPT,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-VDP,229°,7.8	3117.5;131.7,116.1, 129.7 (3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT. & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF, NEV.	110.3	335	25° Mag	IM		MM ----(0.66)	OM -- (4.2)
					MMK		OMK

S-Simpl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34 S1	73 oct.

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
→Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

*	Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
	Needles	5.5 S,hwy E	990	58h R1 L3	
	Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE Rnwy data unverif.
*	Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	

NEVADA

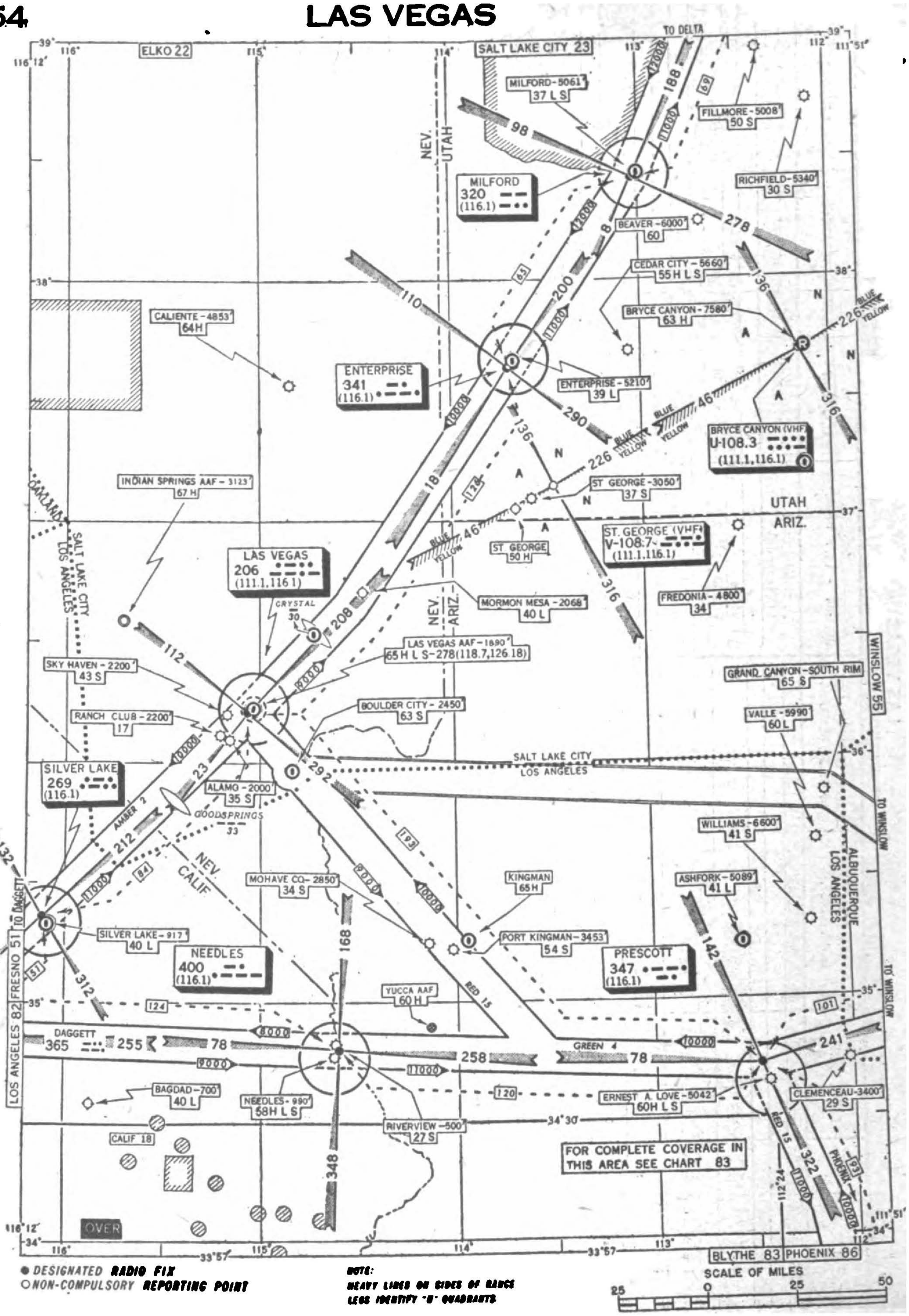
	Alamo (Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
(N)	BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
	Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A)	Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A)	Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L5 S6	100 oct. No sto.
*	**Mormon Mesa Int, 31B,LA-SL**	6 ENE Glendale	2068	40 L3	
	Pahranagat(Alamo)	0.7 W,hwy E	4300	26	**(NC)**
	Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	**Mts WSW,ENE,E.**
	Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
	Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

	Beaver	3.2 SSW,hwy E	6000	60	
*	**Bryce Canyon Int,** 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
	Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
*	Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
	Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
	Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
	Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
	St.George	1.5 SSW,riv SSE	3050	37 L2 S4	80 oct, Fld lgts & svcg prior req.
*	St.George Int,36, LA-DV	6 SE		50h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

LAS VEGAS

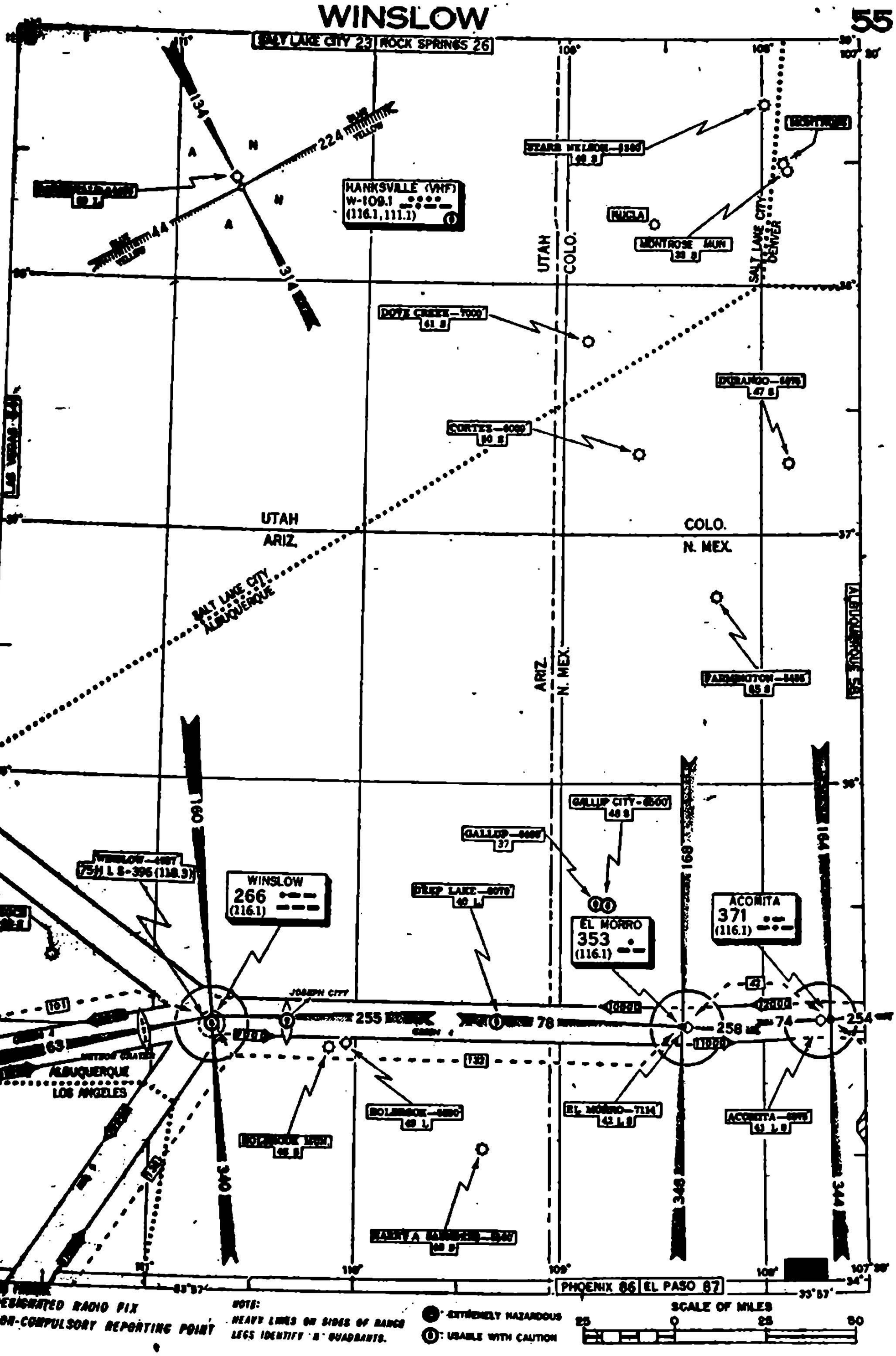


● DESIGNATED **RADIO FIX**
○ NON-COMPULSORY **REPORTING POINT**

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" QUADRANTS

WINSLOW

55


SALT LAKE CITY 23
ROCK SPRINGS 26
134
224
44
314
A
N
HANKSVILLE (VHF)
W-109.1
(116.1, 111.1)
UTAH
COLO.
ARIZ.
N. MEX.
SALT LAKE CITY
DENVER
ALBUQUERQUE
LAS VEGAS
DOVE CREEK — 7000
61 S
CORTEZ — 6000
10 S
DURANGO — 6075
47 S
FARMINGTON — 5495
65 S
GALLUP CITY - 6500
48 S
GALLUP — 6997
37
DEEP LAKE — 6070
49 L
ROLLBROOK — 6890
69 L
EL MORRO — 7114
42 L 8
ACOMITA — 6975
63 L 8
WINSLOW — 4987
75 L 8
WINSLOW
266
(116.1)
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
JOSEPH CITY
255
78
258
74
254
101
40
66
63
ALBUQUERQUE
LOS ANGELES
160
340
343
344
PHOENIX 86
EL PASO 87
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'B' QUADRANTS.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
25
0
25
50

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-VDT	(4), 116.1
Winslow Airport	396 (118.3)	C, 160°, 1.5	(4),118.3 122.5,126.18 (10-18)

NEW MEXICO

ACOMITA (Int.)	371(AK)(116.1)	BMLZ-VDT,254°,1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-VDT,78°.0.1	(4), 116.1

UTAH

HANKSVILLE Int	109.1(HY)(111.1) (116.1)	VAR-VDP,314°,2.8	Not manned cont. (3) on req,3117.5;116.1, 131.7,129.7

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.68, 148.68 mcs.

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
* Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
→Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct. Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct. 25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R2 L5 S1	91 oct.

COLORADO

(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.
Montrose	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla	2.3 SSW,riv S	5910	36	

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct. in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
* El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5455	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Pole line WSW.
Indian Service (Shiprock) (NC)	1.8 SSW, riv N	5100	19	Pole line NW
Aztec (NC)	2.2 NW on mesa	5700	28	Emerg only.

UTAH

* Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC) not charted. → NEW OR REVISED DATA.

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CD)	MRLWZ, 166°, 3.9	
FOUNTAIN FM	(- - - -)	FM; 344°, 32.7	Pueblo
LA JUNTA AAF	281(LH)(116.1)	SBMRLZ-VDT, 194°, 2.6	(4);116.1
PETERSON FIELD(Colorado Springs	272 (126.18)	CA	(4);116.1,126.18
PUEBLO	302 (PU)(116.1)	SBRAZ-VDT; 340°, 2	(4);116.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-VDT, 170°, 3	(4);116.1
NEW MEXICO			
ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-VDT; 354°, 3.1	(3); 116.1
→ CLOVIS (Army)	203 (DCV)	MRAWZ	(3)
Clovis AAF	396(126.18)	CA(ILS), 34°, 6.2	(3);126.18
Clovis AAP	526 (DCV)	HW-DT; 130°, 1.6	
JUAN TOMAS FM	(- - -)	FM; 71°, 18	Albuquerque
KIRTLAND FIELD (Albuquerque)	278(126.18,118.7)+	AC (ILS)	(4);126.18,118.7,122.5
LAS VEGAS	359(VH)(116.1)	SBMRAZ-VDT; 80°, 3.2	(4);116.1
MAXWELL FM	(- - -)	FM, 170°, 54	Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BMRLZ-VDT; 74°, 0.2	(4); 116.1
PERALTA FM	(- - - -)	FM, 174°, 11.6	Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MHVT	(4); 116.1
TUCUMCARI	212(YC)(116.1)	SBMRAZ-VDT; 76°, 2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLOVIS AAF,N.MEX.	109.9		33° Mag.	IM- (0.23)	MM- ····· (0.86)	OM- -- (4.36)
					MMK-	OMK-
KIRTLAND,(Albuquerque, N. Mex.)	110.3 -·-·	335	349° Mag.	IM-	MM- -·-· (0.64)	OM- -- (4.32)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs.
Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW. CLOSED
Black's (La Junta)	4.8 S;riv 5 S	4250	21	
Costilla County(Mesita)	4 E; RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAF (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS
La Junta Bridges (La Junta)	3 SW; hwy W	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
(A) Las Animas (La Junta) (A)	19 NE	4119	70h	Las Animas 5.9 SSE. CLOSED
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N;;hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

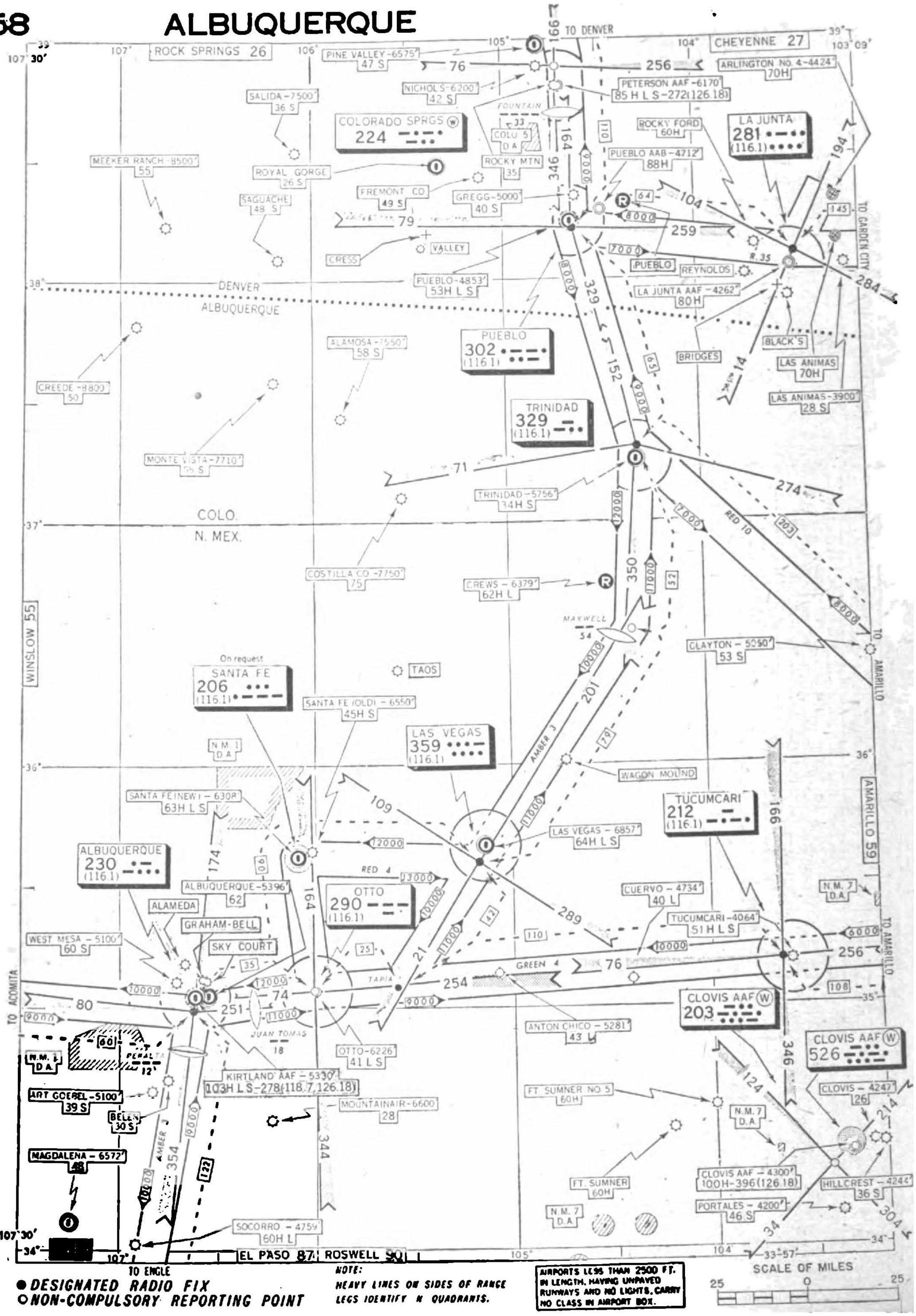
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RPC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 R1 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	30 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
Clovis	0.8 NW;RR S	4247	26	
A) Clovis AAP (A)	6.5 W; RR N	4300	100h R3 L5 S6	73,91,100 oct.
P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	62h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	46	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE. Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto.Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt. SE
A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103h R3 L6 S6	73,91,100 oct. JP-1. No sto.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct. No twrs.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
SANTE FE (new)	9.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.Rnwy lgts on req.
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S; hwy E	4759	60h R1 L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Fence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

NEW AIRPORTS

ALBUQUERQUE

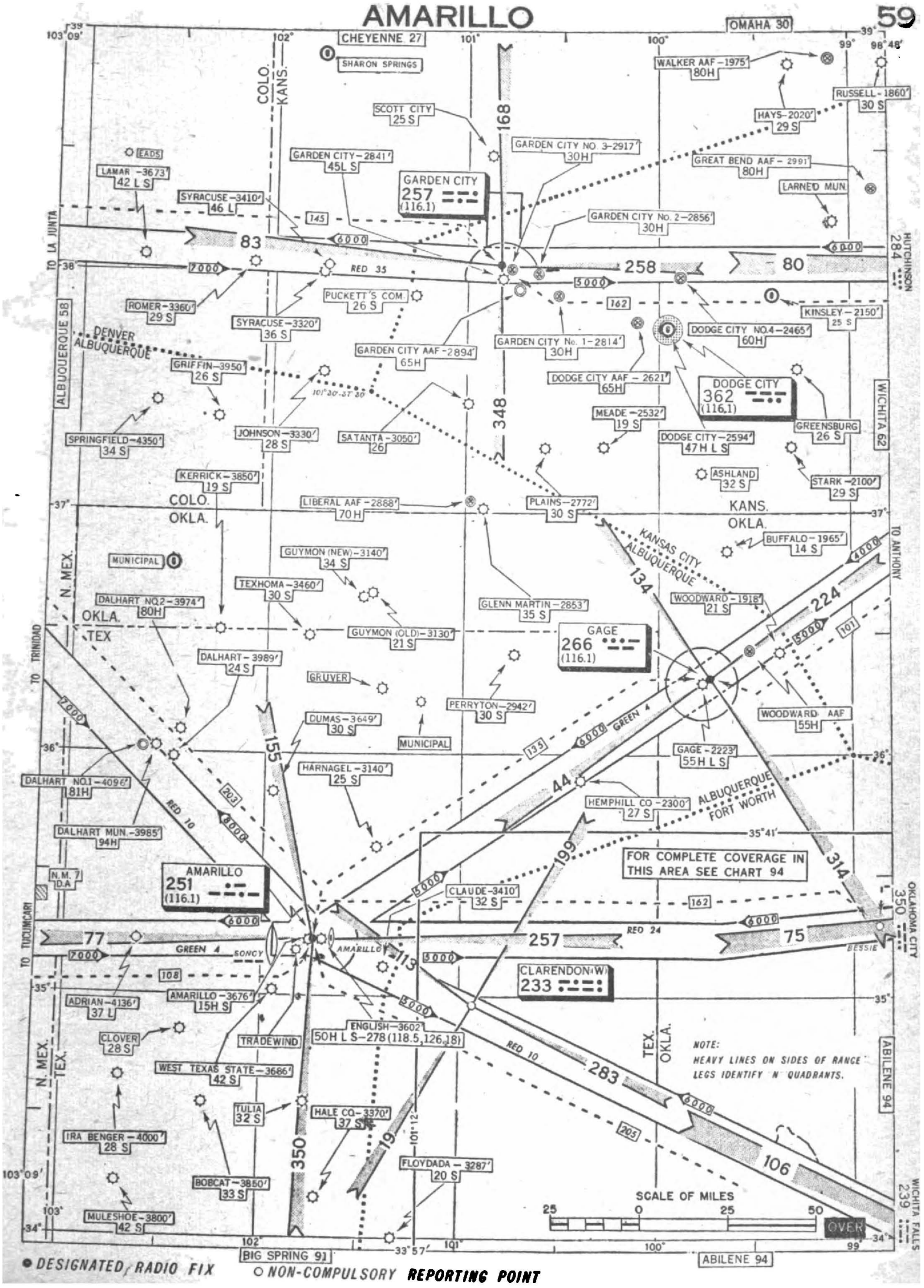


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

AMARILLO



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	362 (OD)(116.1)	MHVT	(4) -116.1
→ GARDEN CITY	257 (GK)(116.1)	SBRAZ-VDT:168°,3.7	(4):116.1
[redacted]			
GAGE	266 (VM)(116.1)	SBRAZ-VDT,224°,2.1	(4): 116.1
[redacted]			
AMARILLO	251 (AQ)(116.1)	SBRAZ-VDT,77°,2 to English Fld	(3): 116.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (118.5) (126.18)	AC (ILS)	(4):126.18,118.5,122.5
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
AMARILLO, TEX. (English)	110.3	335	209° Mag.	IM-	MM- ·-·-(0.62)	OM- --(4.35)	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.

KANSAS

Ashland	1 E,RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN.	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Lgts prior req.
(A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1 (A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2 (A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct. Use strips only. Pole line N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct. No sto. Poles N,S,NE
Satanta	1 N,RR S	3050	26 S2	No fuel.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
Larned Mun.	1.6 NNE,RR SE	2012	33 S6	80,91 oct.
[redacted]				
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
Municipal (Boise City)	3 N,hwy W	4200	33	
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.

TEXAS

* Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3.8 SSW;RR N	3989	94h	
(A) Dalhart No. 1 (A)	9.7 WSW;RR,hwy E	4096	81h I.	TEMP INACT. NO FACS.
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N. INACT:CIVIL FACS
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct. Poleline N,NW. ARMY TMP
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	30 S4	80 oct. No sto. Allway fld. P-line SE,
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct. Pole line N. W'dmill SW
(P) Tulia	1.5 NNW,RR W	3500	32 S1	80 oct. Poleline NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
Tradewind (Amarillo)	1.5 SE	3636	30 S6	Data not verified. (Texas)
Gruver,Tex.	0.7 WNW,RR E	3200	40 S1	80 oct. P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
→ Cochran (Morton, Tex.)	1.5 E;rd W	3750	30	P-line E,S.

RADIO — KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MHYT	(4);116.1
→ CASSODAY (Int.)			DECOMMISSIONED
HUTCHINSON	284 (HN)(116.1)	SBMRLZ-VDT;150° 3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM, 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL,(Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAF	396(116.1)(126.18)	CA(ILS);170°,5.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-VDT	(3);116.1
Wichita Airport	278(126.18)(118.7)	AC(ILS);167°,1.0	(4);122.5,126.18,118.7

OKLAHOMA

ENID (Army)	209 (DND)	BMRLZ	(3);126.18 (V 7-24)
Enid AAF	396 (126.18)+	CA; 214°, 3.7	(3);126.18 (7-24)
PHILLIPS ARPT(Bartlesville	278	CI	3105 (On req)
PONCA CITY	368(RC)(116.1)	MHVT	(4); 116.1
→ RED FORK FM	(- - -)	FM; 225°, 13.7	Tulsa
SKIATOOK FM	(- - - -)	FM; 298°, 17.8	Tulsa
→ TULSA AIRPORT	278(126.18,118.5)	AC (ILS)	(4);118.5,126.18,122.5

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SMOKY HILL AAF (Salina, Kansas)	109.9	333.8	123° Mag.	IM- (0.19)	MM- ·-·-·-(0.39)	OM- --(4.20)
					MMK-	OMK-
TULSA,OKLAHOMA	110.3	335	354° Mag.	IM-	MM- ·-·-(0.65)	OM- --(4.82)
					MMK-	OMK-
WICHITA, KANSAS	110.3	335	2° Mag.	IM- ·-·-·-(0.05)	MM-	OM- --(5.37)
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. 2-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers on Frequency Columns Indicate Voice Freq. + - Army ACS Increments on and guards 116.1, 127.85, 140.50 mcs.

AIRPORTS — KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct.No sto.Port lgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct.Poleline S,SW.Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct.Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S1	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
Eureka	3.2 E; RR N	1100	21	Pole line S.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
(A) Herington AAF (P)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; riv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct.Trees S,SW. Obsts
Kiowa Flying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E.
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
Newton	4 ENE; rd S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF(A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct.Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91,100 oct. No sto. (A) S.
(A) South (Winfield)(A)	14 SSW	1230	40h	CLOSED
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91,100 oct.50' pole N.ARMY TMP
→ Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto. INACT-CIVIL FACS.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt acft only.Pwr lineN.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.
Janssen Skytel (McPherson)	1.5 SW;hwy N	1500	22 S6	80 oct Hi-line W; poles E

OKLAHOMA

Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h R2	TMP INACT;NO FAC.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts. Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	990	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A,N)TULSA AIRPORT	6.2 NE;RR S	674	71h R3 L5 S6	73-100 oct. NATS,NAFC.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE.
University (Langston)	1 S; rd N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S,
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req.
Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

62 WICHITA

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF AIRWAYS LEGS IDENTIFY 'A' QUADRANTS.

98°48' 98°30' 39° 95°52'

AKRON 309 7000 80 DENVER KANSAS CITY

BLUE YELLOW 71 SKY VILLAGE

A N 251 BLUE YELLOW WRIGHT

OMAHA 30 TO KANSAS CITY RED 1 7000 260 165 D.A.

SALINA ABILENE

SMOKY HILL AAF 344

D.A.

SALINA (VHF) W U-108.3 R

HERINGTON AAF HERINGTON

135 D.A.

STATUTE MILES 10 0 10 20

HOLYROOD

SMOKY HILL AAF 396 (126.18, 116.1)

341

GIFFIN ORTON -38 30

McPHERSON

350

ELLINWOOD LYONS JANSSEN MARION EMPORIA LEBO 311 47 63 4000

GREAT BEND ARPK

HUTCHINSON 284 (116.1)

188 MOUNDRIDGE CLOTHIER

HUTCHINSON COM. 162 HUTCHINSON MUN.

RED 35 6000 NEWTON

GARDEN CITY 257

258 80 260 NEWTON 32 38°

5000 CASSODAY

NAS. HUTCHINSON 28 25 TOWANDA EL DORADO 95 EUREKA

STAFFORD KECHI 11 19 CHANUTE 227

CULVER WILSON EL DORADO

RIVERSIDE UNIVERSITY FRASIER

KEN-MAR HILLTOP

PRATT AAF PRATT MUN KINGMAN CANNON BALL BEECH RAWDON

CESSNA ACRFT.

ARTHER

DERBY

WICHITA 278 (118.7, 126.18)

WICHITA 332 (116.1)

37°30' VIOLA 25 4000 8 46 GREEN 4 64 42 347 37°30'

AMARILLO 59 TULSA 63

MEDICINE LODGE WELLINGTON OXFORD 27 WINFIELD WALTERS

STRICKLAND ANTHONY STROTHER

ANTHONY BAIRD SOUTH ARKANSAS CITY KANS. OKLA. KANSAS CITY ST. LOUIS

KIOWA CALDWELL PORTLAND 37°

ANTHONY 382 (116.1) On request

CAGE 266 224 BLACKWELL 4000 NEWKIRK

GREAT SALT PLAINS BOMBING RANGE AAF

ALVA 101 JIMMIE RAY BARTLESVILLE

PHILLIPS 278

KITTENBRINK MAUKS 118 PAWHUSKA

WHITE BROS. BLUE 5 TONKAWA BLUE 22 TULSA 245

PONCA CITY On request TULSA 278 (118.5, 126.18)

PONCA CITY 368 (116.1) 95 3000 SKIATOOK 18 36°30'

124 214 NORTH 116 180

ENID AAF 209 WOODRING PERRY

ENID AAF 396 (126.18) 34 304

STILLWATER NO. 1 TULSA NORTH

RED FORK 14

OKLAHOMA CITY 350 STILLWATER NO. 2 94 4000

36° CUSHING BROWN

KANSAS CITY FORT WORTH AMBER 4 45 COMMERCIAL

WATONGA KINGFISHER UNIVERSITY SAPULPA

GUTHRIE 3000 STROUD

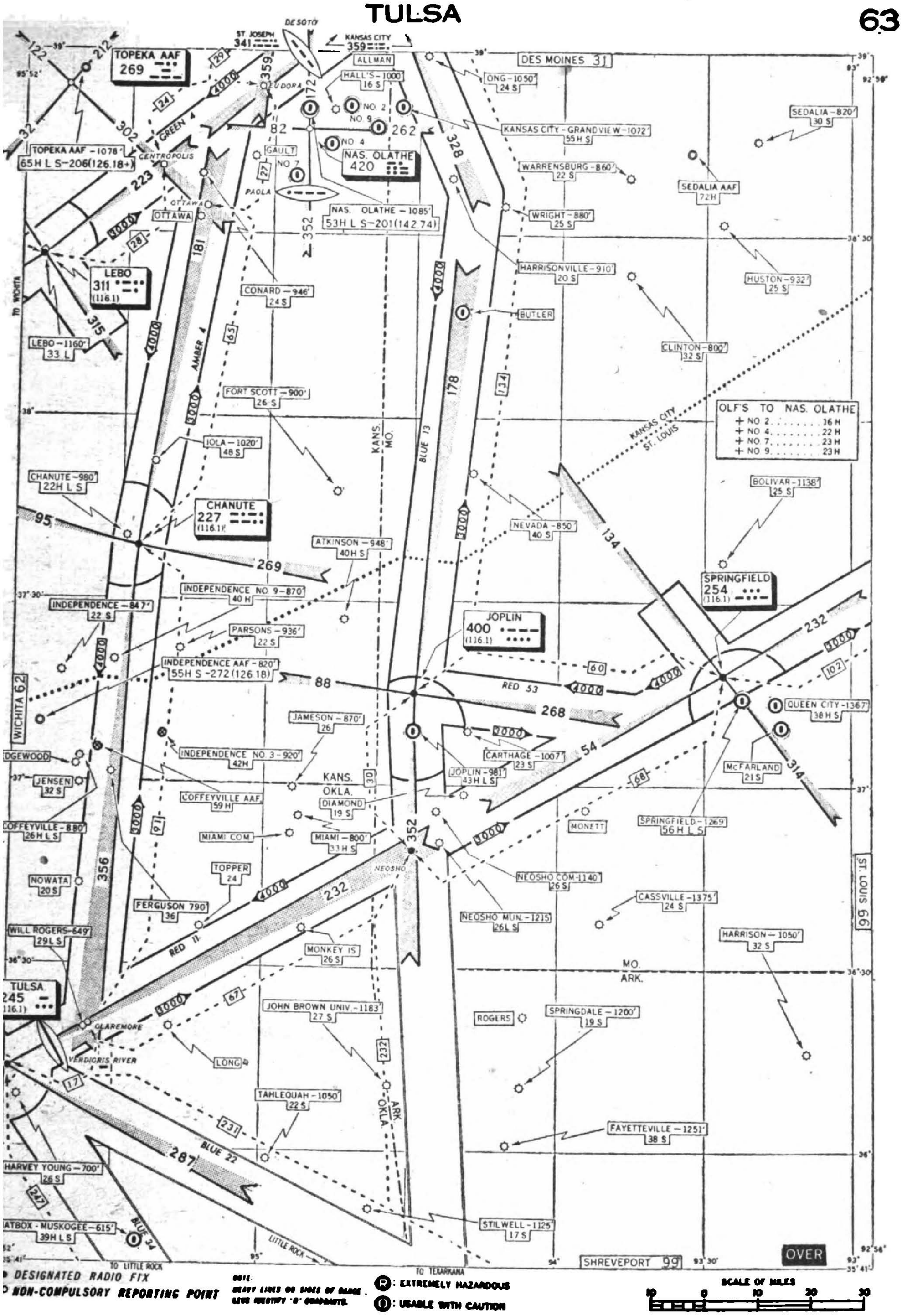
KELL-AIR 98°46' 35°41'

ABILENE 90 FORT WORTH 95 98° 97° 96°30' 95°52' 35°41'

TO NEWALLA

OVER

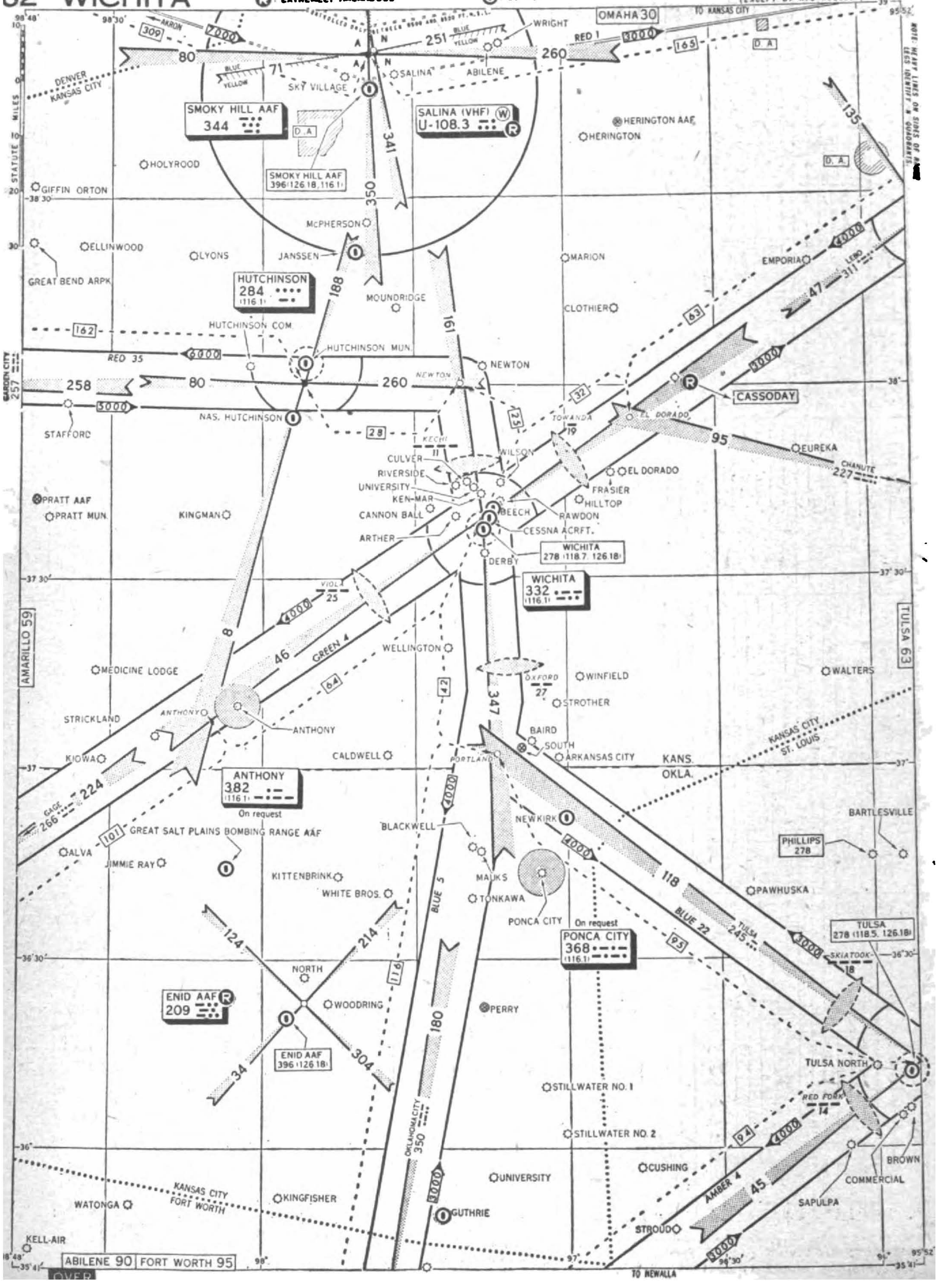
TULSA


DESOTO
ST JOSEPH 341
KANSAS CITY 359
TOPEKA AAF 269
ALLMAN
HALL'S - 1000' 16 S
DES MOINES 31
ONG - 1050' 24 S
SEDALIA - 820' 30 S
KANSAS CITY - GRANDVIEW - 1072' 55 H S
TOPEKA AAF - 1078' 65 H L S - 206 (126.18+)
GREEN 4
CENTROPOLIS
GAULT
NO 2
NO 9
NO 4
NO 7
NAS. OLATHE 420
WARRENSBURG - 860' 22 S
SEDALIA AAF 72 H
PAOLA
OTTAWA
NAS. OLATHE - 1085' 53 H L S - 201 (142.74)
WRIGHT - 880' 25 S
HARRISONVILLE - 910' 20 S
HUSTON - 932' 25 S
LEBO 311 (116.1)
CONARD - 946' 24 S
BUTLER
LEBO - 1160' 33 L
CLINTON - 800' 32 S
AMBER 4
FORT SCOTT - 900' 26 S
OLF'S TO NAS. OLATHE
+ NO 2 . . . . . 16 H
+ NO 4 . . . . . 22 H
+ NO 7 . . . . . 23 H
+ NO 9 . . . . . 23 H
KANSAS CITY ST. LOUIS
IOLA - 1020' 48 S
KANS. MO.
BLUE 13
CHANUTE - 980' 22 H L S
BOLIVAR - 1138' 25 S
CHANUTE 227 (116.1)
NEVADA - 850' 40 S
ATKINSON - 948' 40 H S
SPRINGFIELD 254 (116.1)
INDEPENDENCE NO 9 - 870' 40 H
INDEPENDENCE - 847' 22 S
JOPLIN 400 (116.1)
PARSONS - 936' 22 S
INDEPENDENCE AAF - 820' 55 H S - 272 (126.18)
QUEEN CITY - 1367' 38 H S
JAMESON - 870' 26
INDEPENDENCE NO 3 - 920' 42 H
CARTHAGE - 1007' 23 S
JOPLIN - 981' 43 H L S
McFARLAND 21 S
KANS. OKLA.
COFFEYVILLE AAF 59 H
DIAMOND 19 S
JENSEN 32 S
COFFEYVILLE - 880' 26 H L S
MIAMI COM
MIAMI - 800' 33 H S
MONETT
SPRINGFIELD - 1269' 56 H L S
TOPPER 24
NEOSHO
NEOSHO COM - 1140' 26 S
NOWATA 20 S
FERGUSON 790' 36
CASSVILLE - 1375' 24 S
WILL ROGERS - 649' 29 L S
NEOSHO MUN. - 1215' 26 L S
HARRISON - 1050' 32 S
MONKEY IS 26 S
MO. ARK.
TULSA 245 (116.1)
CLAREMORE
JOHN BROWN UNIV. - 1183' 27 S
ROGERS
SPRINGDALE - 1200' 19 S
VERDIGRIS RIVER
LONG
TAHLEQUAH - 1050' 22 S
ARK. OKLA.
FAYETTEVILLE - 1251' 38 S
HARVEY YOUNG - 700' 26 S
BLUE 22
STILWELL - 1125' 17 S
ATBOX - MUSKOGEE - 615' 39 H L S
BLUE 24
LITTLE ROCK
TO LITTLE ROCK
TO TEXARKANA
SHREVEPORT 99
OVER
WICHITA 62
TO WICHITA
ST. LOUIS 66
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLUE AND RED AIRWAYS INDICATE "R" BOUNDARIES.
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

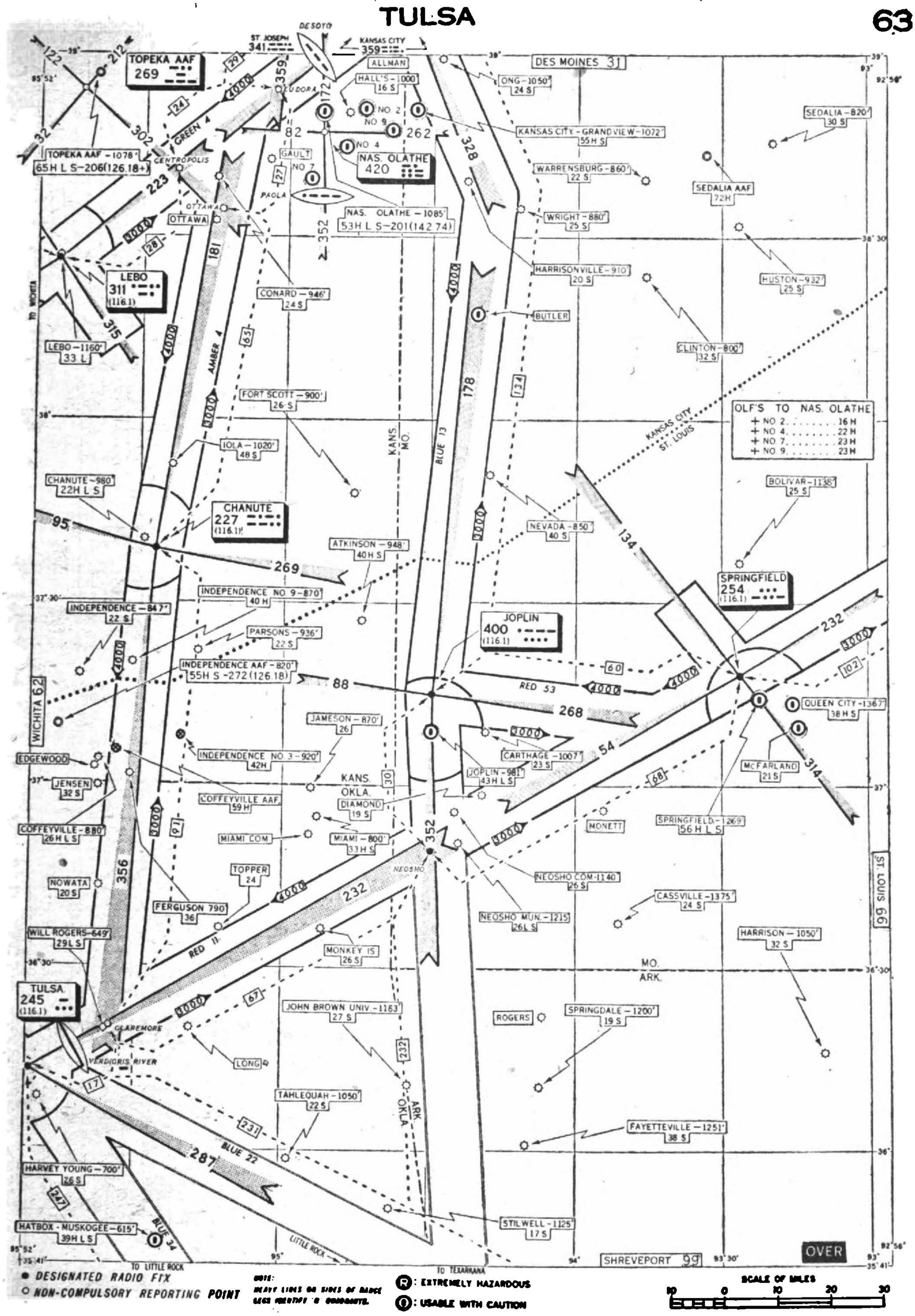
62 WICHITA

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

COMPULSORY REPORTING POINT●
NON-COMPULSORY REPORTING POINT○
(EXCEPT BY ATC REQUEST)



TULSA


DE SOTO
ST. JOSEPH 341
KANSAS CITY 359
ALLMAN
DES MOINES 31
TOPEKA AAF 269
TOPEKA AAF – 1078'
65H L S–206(126.18+)
HALL'S – 1000'
16 S
ONG – 1050'
24 S
SEDALIA – 820'
30 S
KANSAS CITY – GRANDVIEW – 1072'
55H S
NO 2
NO 9
NO 4
NO 7
GAULT
NAS. OLATHE
420
WARRENSBURG – 860'
22 S
SEDALIA AAF
72H
NAS. OLATHE – 1085'
53H L S–201(142 74)
WRIGHT – 880'
25 S
OTTAWA
LEBO
311
(116.1)
HARRISONVILLE – 910'
20 S
HUSTON – 932'
25 S
CONARD – 946'
24 S
BUTLER
CLINTON – 800'
32 S
LEBO – 1160'
33 L
FORT SCOTT – 900'
26 S
OLF'S TO NAS. OLATHE
+ NO 2 . . . . . 16 H
+ NO 4 . . . . . 22 H
+ NO 7 . . . . . 23 H
+ NO 9 . . . . . 23 H
IOLA – 1020'
48 S
KANS.
MO.
KANSAS CITY
ST. LOUIS
BOLIVAR – 1138'
25 S
CHANUTE – 980'
22H L S
CHANUTE
227
(116.1)
NEVADA – 850'
40 S
ATKINSON – 948'
40H S
SPRINGFIELD
254
(116.1)
INDEPENDENCE NO 9 – 870'
40 H
INDEPENDENCE – 847'
22 S
JOPLIN
400
(116.1)
PARSONS – 936'
22 S
INDEPENDENCE AAF – 820'
55H S –272(126.18)
JAMESON – 870'
26
QUEEN CITY – 1367'
38 H S
INDEPENDENCE NO 3 – 920'
42H
CARTHAGE – 1007'
23 S
MCFARLAND
21 S
JOPLIN – 981'
43H L S
KANS.
OKLA.
EDGEWOOD
JENSEN
32 S
COFFEYVILLE AAF
59H
DIAMOND
19 S
SPRINGFIELD – 1269'
56 H L S
MONETT
COFFEYVILLE – 880'
26H L S
MIAMI COM
MIAMI – 800'
33H S
NOWATA
20 S
TOPPER
24
NEOSHO
NEOSHO COM – 1140
26 S
FERGUSON 790
36
CASSVILLE – 1375'
24 S
WILL ROGERS – 649'
29L S
NEOSHO MUN. – 1215
26L S
HARRISON – 1050'
32 S
MONKEY IS
26 S
MO.
ARK.
TULSA
245
(116.1)
JOHN BROWN UNIV – 1183'
27 S
ROGERS
SPRINGDALE – 1200'
19 S
CLAREMORE
VERDIGRIS RIVER
LONG
TAHLEQUAH – 1050'
22 S
ARK.
OKLA.
FAYETTEVILLE – 1251'
38 S
HARVEY YOUNG – 700'
26 S
BLUE 22
STILWELL – 1125'
17 S
HATBOX – MUSKOGEE – 615'
39H L S
BLUE 34
TO LITTLE ROCK
LITTLE ROCK
TO TEXARKANA
SHREVEPORT 99
OVER
WICHITA 62
ST. LOUIS 66
RED 53
RED II
BLUE 13
AMBER 4
GREEN 4
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLOCK
LESS HEIGHTS & BOUNDARIES.
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-VDT, 304°,2.5	(4);116.1
DE SOTO FM	(- - -)	FM; 224°, 19.6	Kansas City, Mo.
→ INDEPENDENCE AAP	272 (126.18)	CA	(3); 126.18 (7-19)
LEBO (Int)	311(LN)(116.1)	BMRL2-DTV, 336°, 0.	(4);116.1
OLATHE (Navy)	420 (NUU)	BMRL2	
→ Olathe NAS	201 (142.74)	CN(GCA);352°,2.9	(3); 142.74 (8-18)
PAOLA FM (Navy)	(. - - -)	FM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
→ Topeka AAP	206 (116.1) (126.18)	CA;320 3.5	(3); 116.1,126.18
MISSOURI			
JOPLIN	400(JH)(116.1)	BMRL2-VDT,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-VDT,134°,4.3	(4); 116.1
OKLAHOMA			
TULSA	245(TS)(116.1)	SBRAZ-VDT,225°, 1	(3); 116.1
→VERDIGRIS RIVER FM	(-)	FM;52°,9.6	Tulsa

S-Simul. Range and Voice, W Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.

KANSAS

(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	40h L S6	80 oct. Part rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S6	80,91 oct.
(A) Coffeyville AAF (A)	5 NNE	743	59h	CLOSED
" mun.	2 NW;riv E	880	26h R1 L3 S6	80 oct. Use rnwys only. Poles NW;hi-line SW.
Conard (Ottawa)	3.8 NNE;RR S	946	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Ferguson Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville)	0.8 ESE;RR N	1020	20 S1	80 oct.Trees E.
Girard	1.7 WNW;RR E	950	14	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line N
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAP (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
(A) " #3 (A)	24 ESE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 SSE;rd N	1020	48 S6	73,80 oct.
★ Lebo Int,39,AQ-KC	4 ENE;RR N	1160	33 R1 L3	
Mader (Garnett)(NC)	2 WNW;hwy S	1060	26	
(N) Olathe NAS (N)	5.2 SW;RR W	1085	53h R2 L5 S6	100 oct.
(N) " OLP #2 (N)	5 SE	1090	16h	INACTIVE.4 W of Stanley.
(N) " OLP #4 (N)	10 S	1090	22h	1.3 SE of Springhill.INACTIVE.
(N) " OLP #7 (N)	16 SSW	940	23h	4.3 W of Hillsdale.INACTIVE.
(N) " OLP #9 (N)	11 SE	1070	23h	1 N of Stillwell.INACTIVE.
Ottawa	5.3 S;RR W	975	32	
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAP (A)	6 S;RR W	1075	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5NNW;hwy N	909	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MISSOURI				
Bolivar	1.8 WSW;hwy N	1138	25 S2	80 oct.Poles N.
Branson (NC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline W,SW.
Cassville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,SE.
(P) Grandview (Kansas City)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lghts prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE;RR N	981	43h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
" mun.	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
Queen City (Springfield)	2.1 E;hwy W	1367	36h L3 S4	73-91 oct.Lgts prior req.
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) " AAP (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP INACT NO PACS
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 NNW;hwy SW	880	25 S1	80 oct.Pole line S.
Butler	1.5 N		25 S2	80 oct. Data unverified.
Monett	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD	5.5 WNW; RR NE	1269	56h R1 L5 S5	80,91,100 oct. JP-1
OKLAHOMA				
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee)	2.7W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stilwell	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
Topper (Vinita)	3.9 SW;RR ESE	800	24	
Will Rogers,36, AQ-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	
[redacted]			
COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV,89°,3.9	(4);116.1
NEW FLORENCE (Int.)	385 (ST)(116.1)	MHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)(116.1)	SBRAZ-DTXV256° 2.2	(4);116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY	344(OM)(116.1)	BMRLZ-VDT,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARKANSAS

AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE, hwy E	400	20 S1	73 oct. Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct. Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct. Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct. Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A) Walcott #3 (Walnut Ridge)(A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	

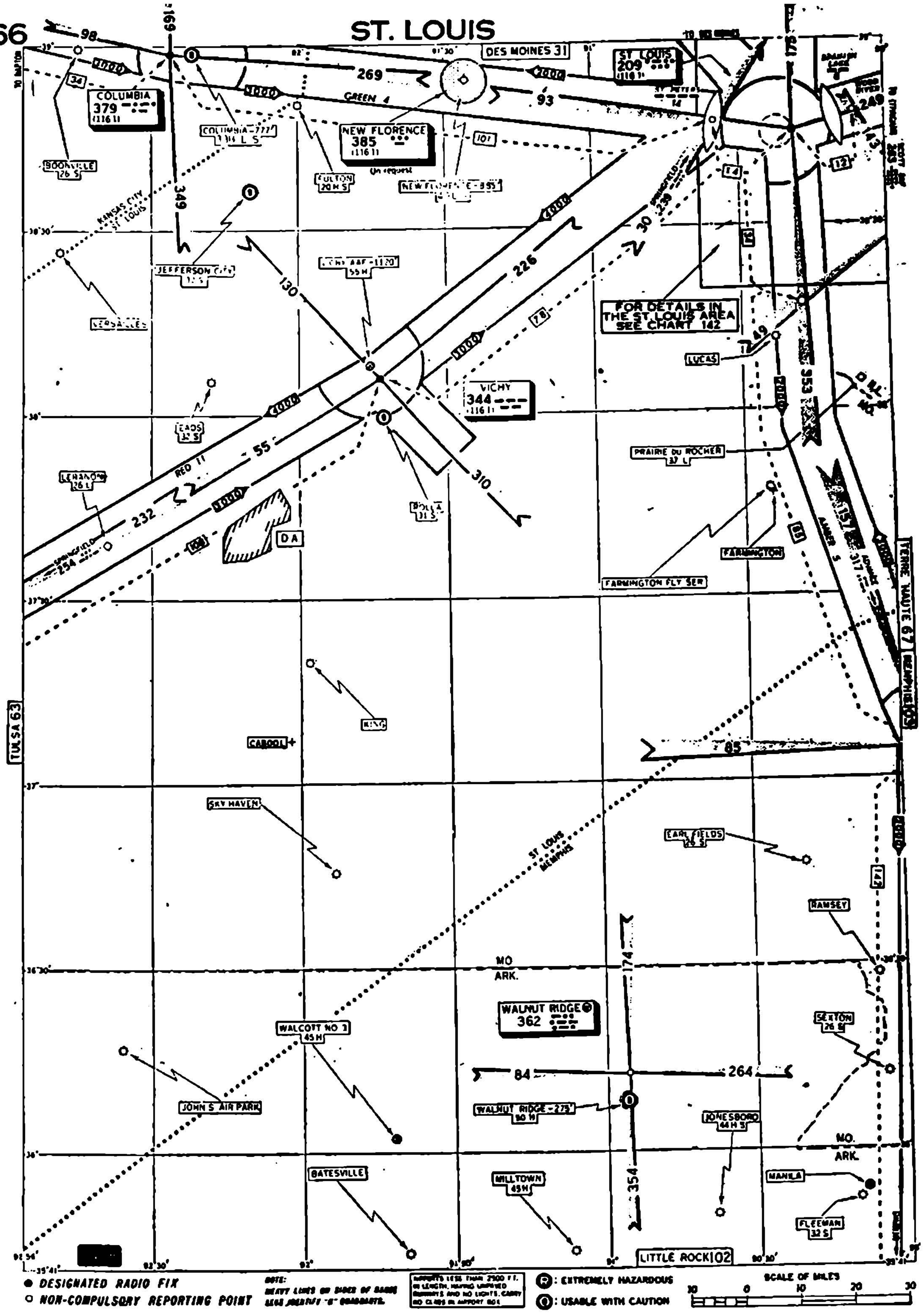
ILLINOIS

* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,riv S	602	16 S4	80 oct. Obsts sur flat
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct. Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct. Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct. Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80 oct. No sto.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19.	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct. Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct. Port rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW;RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct. Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED
Cabool (Mo.)	0.8 SW		18 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IX) (NC)-not charted. ⟶ NEW OR REVISED DATA

ST. LOUIS


DES MOINES 31
ST LOUIS 209
COLUMBIA 379
NEW FLORENCE 385
VICHY 344
WALNUT RIDGE 362
WALNUT RIDGE - 275
JONESBORO 44 H S
SEXTON 26 S
MANILA
FLEEMAN 32 S
EARL FIELDS
HAMSEY
PRAIRIE DU ROCHER 37 L
FARMINGTON
FARMINGTON FLY SER
LUCAS
JEFFERSON CITY
LEBANON 26 L
SPRINGFIELD 254
EADS 21 S
CABOOL
SEY HAVEN
BATESVILLE
JOHN S AIR PARK
MILLTOWN 45 H
WALCOTT NO 3 45 H
FULTON 20 M S
NEW FLORENCE - 385
BOONVILLE 26 S
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 142
LITTLE ROCK 102
TERRE HAUTE 67
TULSA 63
KANSAS CITY
ST LOUIS
ST LOUIS MEMPHIS
RED 11
MO
ARK.
DA
98
269
93
249
101
349
130
226
78
55
232
310
85
84
264
354
174
44
30
35
153
157
249
12
14
16
18
20
239
317
GREEN 4
AMBER 5
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "G" BOUNDARYS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT RDS.
(R): EXTREMELY HAZARDOUS
(C): USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

TERRE HAUTE 67

COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION

PEORIA
MORTON
PEKIN
BLOOMINGTON
CHICAGO 34
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (12618)
CLINTON
CHICAGO CINCINNATI
ATTICA
LAFAYETTE 227
CORK
VERMILION
ILLINI
CHAMPAIGN
DANVILLE
HIGHLAND
UNIV OF ILLINOIS
CHICAGO ST LOUIS
DECATUR
DECATUR (NEW)
DECATUR PARK DISTRICT
KINGMAN
JORDAN
SPRINGFIELD 239
FLECK'S LAKEVIEW
MC COY
SPRINGFIELD
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (11161)
TAYLORVILLE
HULMAN
MATTOON
CHARLESTON
PAUL S COE
SHELBY CO
EFFINGHAM 275 (11161)
CASEY
EFFINGHAM
GREEN 4
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 142
HILLSBORO
H AND S
EFFINGHAM CO
SMITH AVIATION
VANDALIA MUN.
LINTON
HIGHLAND-WINET
JAMESTOWN
EDISON
GEORGE AAF
SCHILT
O'NEAL
WASHINGTON MUN
WASHINGTON
LECKRONE
FLORA
PRESBYTERIAN NO 3
CYRIL LEBERT
SCOTT AAF 263
B AND R FLY SER
BECKERMAN
STRAUB
EVANSVILLE 233 (11161)
IT VERNON
NASHVILLE
WHITE CO
RED 11
DU QUOIN
MT VERNON
EVANSVILLE 278 (11185)
FERGUSON
OWENSBORO
CHESTER
MURPHYSBORO
CARBONDALE
VALIER
MARION
DENIS
HENDERSON
MADISONVILLE
STURGIS AAF
ST. LOUIS MEMPHIS
MEMPHIS 103

TERRE HAUTE

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-VDT,341°,0-Intermediate	(4), 116.1
→ SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,2.2	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)

INDIANA

EVANSVILLE	233 (EV)(116.1)	SBRAZ-VDT	(3);116.1
→ Evansville Airport (old)	278 (118.5)	C, 177°, 5.7	(4),118.5,122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-VDT;182°, 0 Paul Cox	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker. (3)-3105, 4495 6210 kcs. (4)-3105, 4495 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1 133.88 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E,RR N	875	33 L1 S6	80,91 oct. Pole line N, NW.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW,RR SW	753	28 L S4	73 oct.Range lgts.Appchs blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW,hwy E	690	26 S6	80 oct.Use marked areas.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	24 S4	80 oct. Appchs blpcked by poles.
Decatur	4 NW	678	29 S6	80 oct.
(P) Decatur Park District	4 E,RR,hwy S	679	53h S6	80,91 oct.Pole line N,SW,NW lnwy data unver.
Denis (Shaldy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S	454	26 S2	73 oct. 25' poles S.
Effingham Co. Memorial	3.6 S,hwy W	585	30 S4	80 oct.
→ Effingham Int,IO,LS-ID	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	80 oct. W blocked.
Flora	1.1 WSW,RR N	490	27 S1	80 oct. Trees, poles N.
(A) George (Lawrenceville(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.0 NE,RR S	535	24	Pole line S.
Illini (Urbana)	2 NNE,hwy SE	740	26 S6	80 oct. Trees E.
Leckrone (Salem)	1.9 NW,hwy S	545	39 S6	80,91 oct. Use strips only.
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	26 S4	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N;bldg NE
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5NNW;RR,hwy E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page IX) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S1	80 oct.
Smith Aviation (St.Elmo)	1.3 SW,RR NW	647	20 L1 S2	80 oct. Poles N, NE.Rnwy data unver
→ Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S4	80, 91 oct.
Vandalia	4.4 NW	532	39h L2 S2	80 oct.
Vermilion (Danville)	4 E,hwy S	650	21 S2	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Mount Vernon	2.5 ENE,RR S	465	37 L S6	80,91oct.Data unver. Temp port lgts.
Taylorville	1 SW		26 S6	80 oct. Data unverified
Hillsboro	1 NE	630	25 S4	Data unverified
Schilt (Olney)	1.5 E;RR S		30 S1	80 oct. Data unverified
Nashville	1 E;lake W		20 S1	80 oct. Data unverified
→ Casey	1 NW	645	26 S4	80,91 oct. Data unverified

INDIANA

Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
Emison (Oaktown)	3.6 WSW	425	45h	
EVANSVILLE	5 NE;bet RRs	383	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE; RR N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	3.5 N		33 S1	80 oct.Use NE/SW strip.Data unver.
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S,riv W	485	27 R1 S4	80, 91 oct. Stacks NE.
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. Use strips only.
Owensboro	2.5 ENE;RR NW	484	26 S6	73, 91 oct. No sto.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.
Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.

INDIANAPOLIS

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 34	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-VDT	(3) 116.1
Indianapolis Airport	278 (126.18,	AC (ILS); 82°,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LFY)(116.1)	BMRL-VDT ;50°,2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 190°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5, 126.18
OHIO			
→CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr.Cincin.Arpt
DAYTON	245(DY)(116.1)	SBMLZ-VDT	(3); 116.1 Arpt.
→Dayton Airport	278 (126.18, 118.9)	AC(ILS);90°, 3.2	(4);122.5,126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
→LUNKEN(Cincinnati)	227(126.18, 118.7)	AC 227°, 5.2	(4),118.7,126.18. 122.5
PATTERSON(Fairfield) (Army)	379 (DPK) (116.1)	SBMRAZ-VDT	(4); 116.1
→ Patterson Field	396 (126.18)+	CA(ILS)(GCA);32°,2.96	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. HEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)					
COVINGTON KY (Gr. Cin)	109.9	333.8		IM-		MM- ···· (0.6)		OM-	-- (4.3)
					MMK-206	···· (0.6)	OMK 215	····	(4.3)
Dayton, Ohio	110.3	335	55° Mag.	IM-	·····(0.05)	MM-		OM-	-- (4.4)
						MMK-		OMK-	
Indianapolis Ind. (L6)	109.9	333.8	44° Mag.	IM-	·····(0.05)	MM-	(0.89)	OM-	-- (4.3)
					MMK-201	--- (0.89)	OMK 219	--	(4.3)
Patterson, Ohio	108.7	333.8	210° Mag.	IM-	(0.09)	MM-	····· (1.5)	OM-	-- (4.5)
						MMK-		OMK-	

S-Sfield, Range and Vicinity, W-Wilmington Municipal, Z-VOR Ranges Station Location Markers: (T) 3105, 4495, 6210 kcs; (A)-3105, 4495, 6210, 3117.5 kcs; (P)-Prohibited Beacons in Frequency Glasses between VOR Ranges. ↔-Day, ACL, Limitations on and guards 116.1, 137.86, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct.Port rnwy lgts.
Anderson	3.5 SE;RR NE	875	27 S6	80 oct.P-line Trees E.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct.Info. unverified.
(A) Atterbury AAF(Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT,NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct.Poleline W.Info. unverified.
Bedford	3.5 SE	682	19 S2	Ltd 73 oct.Rnwy data
Black Hawk (Sheridan)	5.3 N;hwy E	600	16 S1	Ltd 73 oct. unver.
(P) Bloomington	5 WSW;RR SE	840	40 L S2	73,80 oct.Port rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct.Poleline S. Data not verified.
Brigham (Portland)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct.Data unverif.
Brownsburg	1.5 SSE;RR N	650	20 S1	73 oct.Poleline S.
Bunker Hill	1.8 W;RR N	798	50h	
Bush (Jeffersonville)	3 NE		20 S2	80 oct.Inf.unverified.
→Bush (Ramsey)	1.5 WSW;hwy N	680	10 S1	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
Columbus	4.5 SSW	616	45h S4	80 oct.No sto.
Coxey's (Winchester)	1 ESE;hwy N	1088	16 S4	80 oct.
Crawfordsville	4.5 SSW;hwys E, W	850	37 S4	80 oct. No sto.Info. unverified.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	1.8 SSE;hwy NE	850	23 S4	80 oct.Data unverif.
Farmers (Greenfield)	9 NW		26 S2	73 oct.Info. unverif.
Fortville	2.8 E;rd N	740	15 S1	Ltd 73 oct.Trees SSW.
Franklin Fly.Field	4 S;riv S	745	22 S2	80 oct.Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	TMP INACT NO FACS
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct.Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct.Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	20 S6	80 oct.Poles SW.
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct.Pole line NE.
Howell Brbs(Rushville)	2 SE;hwy SW	985	21 S4	91 oct.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg 19,LS-LV	3 S;RR E	509	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct.Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct.P-lineNLgts prior
Lapel	1 NE		13	Rough.Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	925	13 S2	80 oct.Trees SW.
Liston	1 SE		25	Info. unverified.
Lockwood (Frankfort)	2.5 S;RR W	764	20 S4	80 oct.Ditch W.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct.Data unver.
Madison Commercial	2.2 N;RR W	960	24 S2	80 oct.Poles E.
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct.No sto.Info.unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy S	832	24 L S4	73 oct.Poles E;hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct.Info. unver.
Mettel (Connersville)	2.4 NNE;RR E	950	29 S1	80 oct.
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L5	
Moore (Zionsville)	12 NW		14 S1	80 oct.Info. unver.
(P) Muncie	3.5 N;RR SW	950	31h L4 S6	80,91 oct.Lgts prior req. Rnwy info. unver.
New Castle	3.2 E;.RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW;lks SE	1080	26 L S1	73 oct.Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct.Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct.Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct.Silo N;stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct.Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct.Pole E;trees N.
St. Anne #2 (Seymour)	2.3 NNE	750	45h	
Scottsburg	2 W		18	Info unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct.Info. unver.
Shelbyville	3.1 S;hwy E	850	19	Poleline E.
Silent Brook (Orleans)	5 W;riv SW	650	20 S4	80 oct. Hi-line W,SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S	730	26 L S6	80 oct. Pole line E,S,SE.
Sky Haven (Bedford)	2 SSW;riv S	650	36h S4	80,91 oct.Poleline E,S. Rnwy dataunverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE-SW stp.Info.unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW;RR N	915	26 S4	73,80 oct.No sto.Pwrline S
Vevay	1 E	450	20 S2	73 oct.Tree NE corner Info. unver.
West Side (Marion)	2.5 NW;hwy S	855	26 S1	73 oct.Pole line E.
White Cloud(Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel.No sto.Info.unver.
Yorktown	1 S		22 S1	80 oct.Obsts E.Info.unver
KENTUCKY				
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S4	80,91 oct.
BOWMAN (Louisville)	5.5 ESE;hwy S	546	44h R2 L5 S6	73,91,100 oct.
Cool Meadow (Lexington)	4.8 N°;rd W	910	28 S6	80,91 oct.No sto.Pole line SW.
* Glendale Int,75B,	0.5 NE;RR NW	702	26 L3	(DL-LV)
(A) Godman (Ft.Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct.No sto.
Goodall (Danville)	4.2 S;RR W,S	990	27 S6	80 oct.
(P) Greater Cincinnati →(Covington)	8.2 W;riv NE	889	55h R3 L5 S1	91,80 oct.Sveg days only.Clc lgts prior req
Paris	1.2 NNE	635	20 S1	80 oct.Ravines NE,SE.
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct.Info. unver.
Silver Lake (Frankfort)	3.2 E;hwy N	750	25 S2	80 oct.
Standiford (Louisville)	4.3 SSE;RR W	480	50h L5	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	
[redacted]				
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct.No sto.Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct.Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	
Country Club (Johnsv'l)	2.9 N;RR NE	990	26	Poles N, S.
Dahio (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE;RR SW	580	18	Pole line S.
Hightman (Lebanon)(NC)	5 E;RR W	880	16	Pole line W;trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE;RR SW	481	41h R2 L5 S6	73,91,100 oct.Bcn.ESE.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct. Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct.Poles E, ENE, NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
Polk Grove (Vandalia)	3.6 W;riv W	975		UNUSABLE. (NC)
Sidney	1 W;RR S		25 S2	80 oct.Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct.Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright(Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct.JP-1 CLOSED.
Lansdowne (Greenv'l) (Ohio)	2 ESE;RR N		19	Bldgs,hi-line N. Inf. unver.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct.Inf. unver.
Stair (Mulberry) Ind.	0.13 NE,hwy S	650	16 S4	80 oct No sto. Pole line S Data unver
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890		80 oct. No sto. Poles W,
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy Data unverified.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC (not charted). →NEW OR REVISED DATA.

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R: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

BUNKER HILL
CHICAGO
CINCINNATI
OCKLEY
KOKOMO MUN
LAFAYETTE 227 (116.1)
RUZICKA
ARETZ
HALSMER
STAIR
LOCKWOOD
BLACK HAWK
PURDUE U.
REMER
LAFAYETTE
RENSSELAER
GRAND RAPIDS 35
WEST SIDE
MARION
STEED
BRINGHAM
PORT KONETA
COLDWATER
LAKEVIEW
CLEVELAND CINCINNATI
SIDNEY
PIQUA
DELAWARE
MUNCIE
REESE
HUFFMAN AIR SER.
COXEYS
YORKTOWN
GANDC
ELWOOD
LAPEL
ACE
ANDERSON
NOBLESVILLE
MOORE
LEBANON
BECK
CRAWFORDSVILLE
HIMES
ADVANCE 24
LIZTON
BROWNSBURG
INDIANAPOLIS 278 (126.18)
MECCO
SHANK'S
HOOSIER
FARMERS
SKY HARBOR
BRIGHTWOOD
FORTVILLE
GREENFIELD INC
GREENFIELD
WESTERN
NEW CASTLE
RICHMOND COM.
TREATY CITY
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 278 (118.9, 126.18)
WACO-TROY
TROY
VERONA 10
PATTERSON AAF 396 (126.18)
PATTERSON AAF 379 (116.1)
WRIGHT AAF 260 (126.1)
MIDWAY
COUNTRY CLUB
DAHIO
E. RICHMOND
NEW WESTVILLE
METTEL
HOWELL BROS.
RICHMOND MUN.
SO. DAYTON
FAIRFIELD 9
MIDDLETOWN
MIAMI U.
HAMILTON
ATTAWAY
CINCI INC
LOVELAND 9
PARKS WATSON
GREENCASTLE 27
CLAYTON 11
GREENCASTLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN 22
VETERANS
CAMPUS
BLOOMINGTON
OWEN
WHITE CLOUD
BARGERSVILLE
SHELBYVILLE
FRANKLIN
MILROY
TEMPLETON
ATTERBURY AAF
COLUMBUS
GEDAR GROVE 35
MT. HEALTHY
CAMPBELL
CHEVIOT
LUNKEN 227 sc. 118.7, 126.18 sc.
LAWRENCEVILLE
GREATER CINCINNATI 221 sc. 118.9, 126.18 sc.
UNION 24
BETHEL
CINCINNATI 335 (116.1)
MAPLETON
ST. ANNE NO. 2
FREEMAN AAF
MADISON AAF
MADISON
SCOTTSBURG
VEVAY
WARSAW
SKY HAVEN
EDINBURGH
STILES
SILENT BROOK AIRPK
BOSS-DENIEN
TERRE HAUTE 67
LOUISVILLE 359
CHARLESTOWN
SULPHUR 70
BOWMAN 278 (118.3, 126.18)
BUSH
HUNTINGBURG
SHELBY
SILVER LAKE
PARIS
EVANSVILLE 233
RIVERSIDE
STANDIFORD
EASTWOOD 9
BLUE GRASS
COOL MEADOW
SHEPHERDSVILLE 18
GODMAN AAF 272 (126.18)
KY DA
GODMAN AAF 227
GLENDALE
GOODALL
CINCINNATI
ATLANTA
NASHVILLE 106
KNOXVILLE 107
TO SPRINGFIELD
TO HUNTINGTON
TO TERRE HAUTE
COLUMBUS 71
STATUTE MILES
IND.
OHIO
KY.

COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS B: USABLE WITH CAUTION — TO FORT WAYNE

DETROIT 38
CEDAR LAWN
MARION
MAGNOLIA
+VOSS
MT. LIBERTY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391 (11&I)
GRIMES
OHIO STATE U
COMMERCE
BRIGGS
NEWARK
SUMMIT STA
CAMBRIDGE
ZANESVILLE 263 (11&I) On request
RIVERSIDE
ZANESVILLE
CRABILL
SPRINGFIELD
CLICKENGER
GROVE CITY
SULLIVANT AVE
SNOOK
PRICE
NORTON
LOCKBOURNE AAB 317 (126.1R)
PORT COLUMBUS-NAS 270 (118.9, 126.1R)
PORT LANCASTER
LANCASTER
CROOKSVILLE
WASHINGTON
TRI-COUNTY
On request
CLINTON CO. AAF 201
CHILLICOTHE SKYPARK
JONES
REED'S
MARIETTA
WOOD CO
OHIO U
STEWART
CLINTON CO AAF 276 m. (118.1, 126.1R, 257.6R, 140.5R m.)
RESTRICTIVE INSTRUMENT TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES
CHERRY FORK
SHUMATE
KNORE
RAVENSWOOD
RAVEN ROCK
OHIO W VA
ROANE CO 281 (CLOSED)
MAYSVILLE
OHIO KY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
CHARLESTON 400 (11&I)
HUNTINGTON 236 (11&I)
BOLLINGER
LOGAN
MORRIS
SCOTT
CINCINNATI ATLANTA
PAYNESVILLE 356
PRINCETON
KNOXVILLE 107 | CHARLOTTE 110

211 362 45 85 266 263 93 32 20 112 119 110 106 254 224 272 296 135 255 101 277 75 315 179 359 83 42 15 2 25

RED 17 RED M RED N RED 19 BLUE 39 BLUE 79 BLUE 15

INDIANAPOLIS 70 PITTSBURGH 76

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-VDT,86°, 1.9	(3); 116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°, 25	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
[redacted]			
CHARLESTON	400 (KN)(116.1)	SBMRAZ-VDT	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-VDT.75° 2.3	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOCKBOURNE AAB (Columbus,Ohio)	109.9		3°Mag.	IM- (0.16)	MM- ····· (0.85)	OM- -- (4.29)
					MMK-	OMK-
CLINTON CO. AAF (Wilmington,Ohio)	109.5	332.6	320°Mag.	IM- (0.05)	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E, RR SE	535	29 S4	80 oct.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB → (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range. 70' twr NE cor. fld.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R2 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
(P) Huntington(Chesapeake)	2 WSW, riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker)	0.8 N;RR W	800	28 S1	80,91 oct, Hwy W.
Snook(Reynoldsburg)	1.4 NE;RR N	980	21 S6	80 oct,Pole line E;trees SW.
[redacted]				
Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
Logan	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S,Data unver.

PITTSBURGH

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18 (118.7)	AC	(4):140.1,122.5,126.18
ALTOONA (Blair Co.)	338(RF) (116.1)	SBMRAZ-VDT;203° 1.3	(4):116.1
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH AIRPORT PITTSBURGH	396 (126.18 +	CA	(3):126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,124°, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 85°, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-DTV;85°2.2	(3):116.1
SUMMERHILL FM	(- - - -)	FM, 281° 22	Altoona
CECIL	219(C)	FMR,265°,10.3	Pittsburgh

VIRGINIA

FRONT ROYAL	362(FZ)(116.1)	SBMRAZ-VDT	(4):116.1
GORDONSVILLE (Int)	388(GJ)(116.1)	SBMRAZ-VDT;135°2.5	(4):116.1
LYNCHBURG (Preston Glenn)	206(LB)(116.1)	SBRAZ-VDT	(4):116.1
	248	C; 165°,2.1	(4)

WEST VIRGINIA

ELKINS	281(EK)(116.1)	SBMRAZ-DTV;174°2.9	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRLZ-DTV;135°2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRLZ-VDT;173°5.6	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
PITTSBURGH PA.(Alleg'y Co)			95° Mag.		MMK 201----(0.80)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct.Mtns E.

OHIO

Scott (Tiltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	

PENNSYLVANIA

ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6	80-100 oct.No ctc lgts.Rdo rec req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4	80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4	73 oct.
* Buckstown Int.12B,WA-CV	1 E;hwy S	2480	23 L3	
(P) Connellsville	4 SSW;hwy E	1250	34h S2	80,91 oct.
Cresson	1 NE;RR W	2240	25 S2	80 oct.Pole line S.
(A) Greater Pittsburgh (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4	100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6	80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17	Poles NW.
Huntingdon	1 S;riv NE	620	20 S4	80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h	
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4	87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6	73 oct.Pole line N.NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted.

NEW OR REVISED DATA

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W. unverified.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line N.Rnwy data
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charleroi)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Blair Co.,24A,CO-PG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* " Int,5I,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1200	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct. P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
Orange County (Orange)	4 E;hwy S		26 S2	80 oct. Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

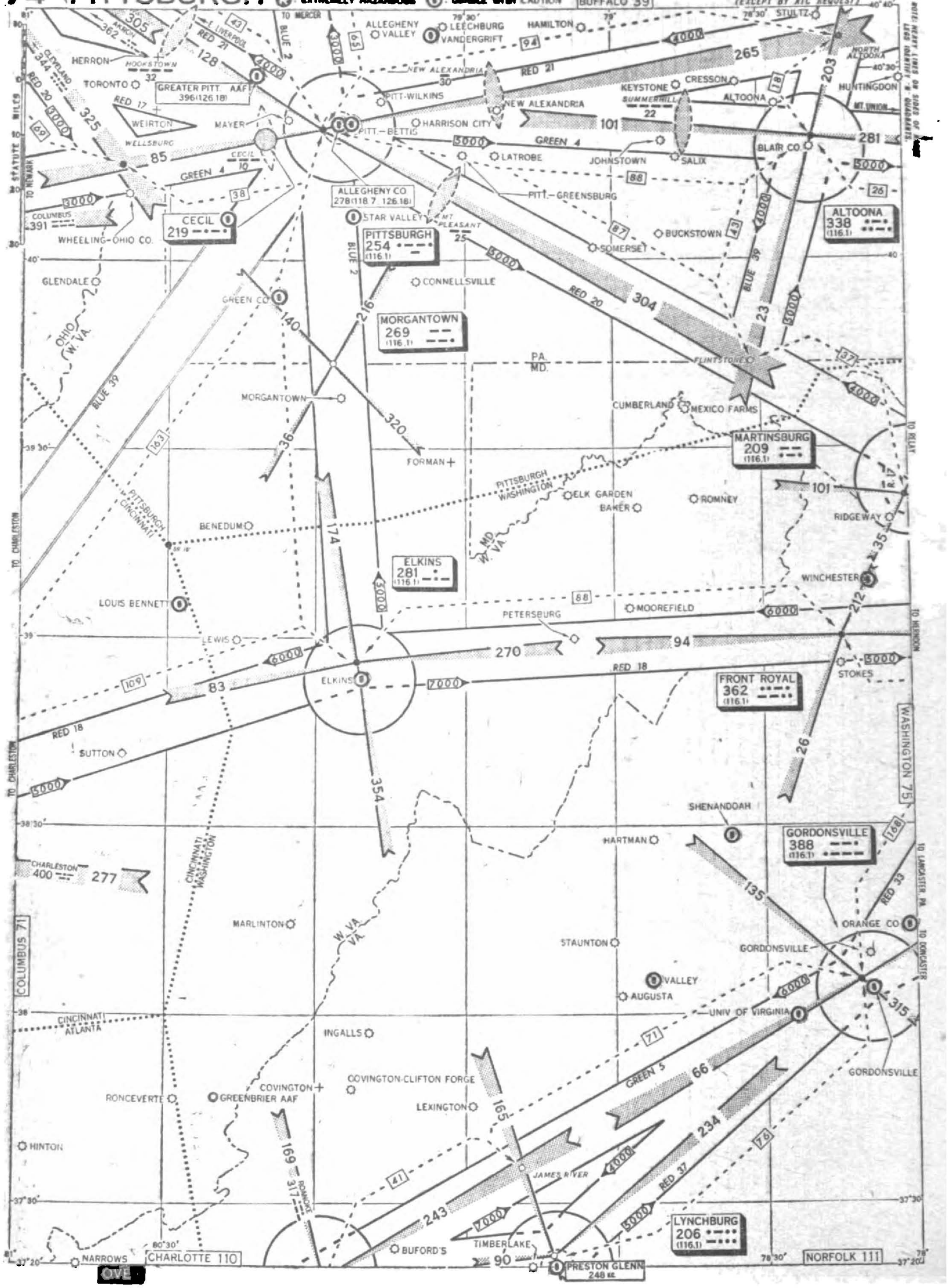
Baker Airpark(Burlington)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAF (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int.29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int. 21. CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E		16 S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct. Pole line NW.
Herron(New Cumberland, W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS B: USABLE WITH CAUTION BUFFALO 39

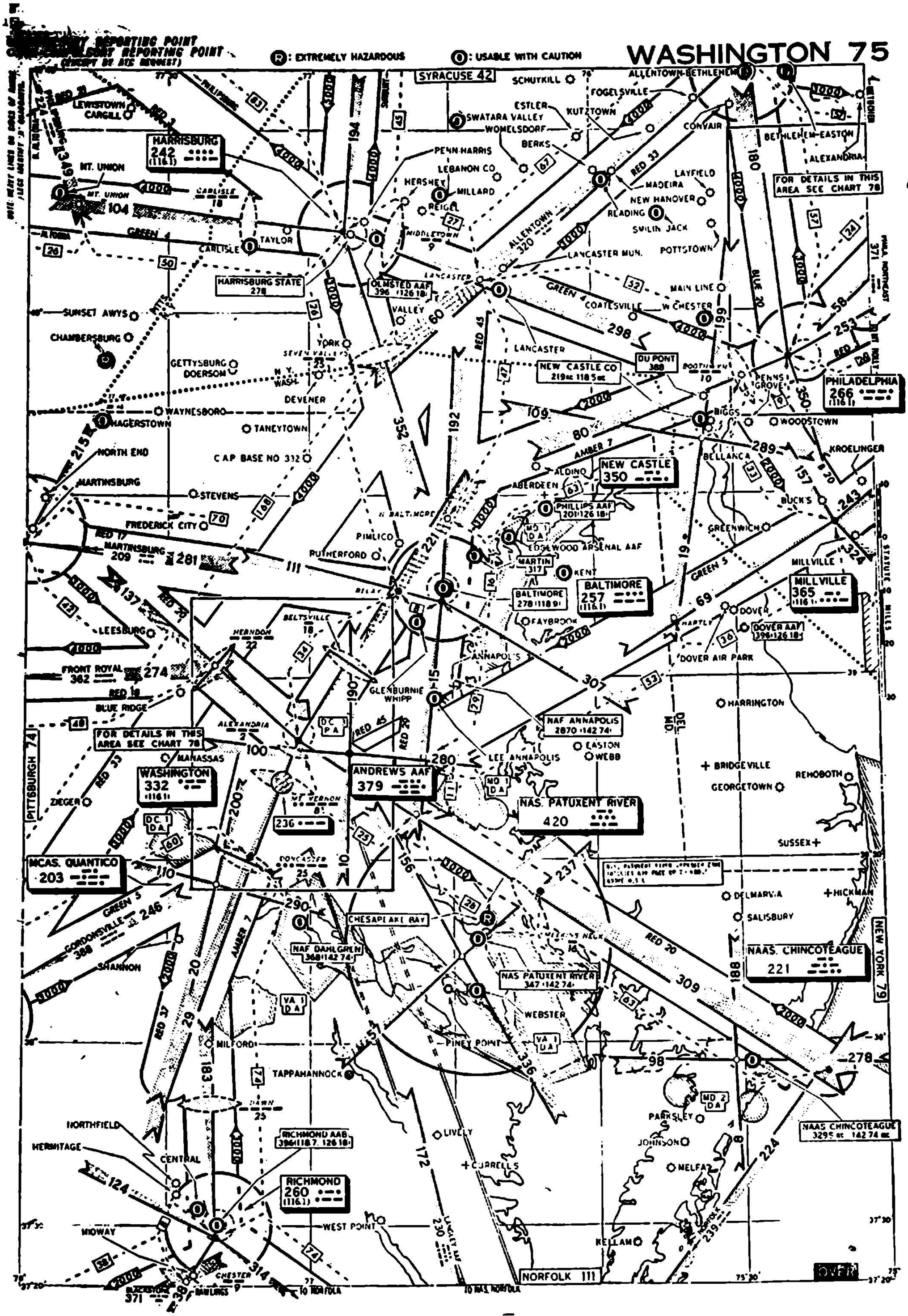
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF AIRWAYS INDICATE U.S. BOUNDARIES.



WASHINGTON 75

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION



RADIO

DELAWARE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOVER AAF	396 (126.18)	CA	(3)126.18 (7-19)
DUPONT ARPT. (Wilmington)	388	CI	3105,3117.5,5582.5 (8-20 daily except Sunday)
NEW CASTLE	350 (NC)	SMRAZ	
New Castle Co. (Wilmington)	219(118.5)	CI; 190°,2.8	(4);118.5

DISTRICT OF COLUMBIA

WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3); 116.1

MARYLAND

ANDREWS FIELD (Camp Springs)	379 (DCM)	MLZ; 10°,1.2	
ANNAPOLIS	2870(142.74)	CN	2105,2870,6420,142.74(7-17)
BALTIMORE	257(BO)(116.1)	BMRLZ-DTV	(3);116.1
Baltimore Mun.	278(118.9)	C; 12°,2.4	(4);118.9,122.5
BELTSVILLE FM	(-)	FM,41°,17.6	Washington, D.C.
DONCASTER FM	(. . - - - -)	FM,203°,24.7	Washington, D.C.
MARTIN(Baltimore)	317	CI	(4)(Sunset,Mon-Fri.)
MEEKINS NECK FM (Navy)	(-)	FM, 579°, 16	Patuxent River
PATUXENT RIVER (Navy)	420 (NHK)	MRLZ-D	(3), 142.74
Patuxent Riv.NAS	347 (142.74)	CN(GCA);57°,5	(3); 142.74
PHILLIPS FIELD (Aberdeen)	201 (126.18)	CA	(3);126.18 (8-18 Mon.-Fri.;8-1630Sat.Sun.)
WEBSTER (Priest Point)	3345 (142.74)	CN	3105, 142.74 (24 hrs. any notice)

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
CARLISLE FM	(- - - -)	FM, 251°, 18	Harrisburg
HARRISBURG	242(HX)(116.1)	SBRAZ-VDT	3); 116.1
Harrisburg State Airport	278	C; 118°, 1.1	(4) 116.1,122.5
MIDDLETOWN FM	(- -)	FM, 118°, 9	Harrisburg
OLMSTED FIELD (Middletown)	396 (126.18) +	CA	(4); 126.18
PHILADELPHIA (Southwest Arpt)	266(PG)(116.1)	SBMRAZ-VDT, 97°, 3	(4); 116.1
SEVEN VALLEYS FM	(- - -)	FM, 172°, 25	Harrisburg

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D.C.
CHESTER FM	(- -)	FM, 218°,9.15	Richmond
CHINCOTEAGUE (Navy)	221 (NKZ)	MRLZ	3105,4495,142.74
Chincoteague NAAS	3295 (142.74)	CN; 98°, 4.5	(3), 142.74
DAHLGREN NAF PROV. GROUNDS	368 (142.74)	CN	(3); 142.74 (8-16 except Sunday)
DAWN FM	(- - - -)	FM, 3°, 25.1	Richmond
HERNDON FM	(- - - -)	FM, 317°, 21.8	Washington, D.C.
MOUNT VERNON FM	(. . - - - -)	FM, 209°,8.2	Washington, D.C.
QUANTICO MCAS (Navy)	203 (NYG)	MRLZ 200°,4.6	3105,4495
RICHMOND	260(RW)(116.1)	SBRAZ-VDT	(3), 116.1
Richmond AAB	396 (126.18) (118.7)	AC(ILS);20°,1.9	(4),122.5,118.7,126.18

MILLVILLE, N. J.	365 (NV) (116.1)	SBRA-LTV,134°,4.3	(4);116.1
ANDREWS FLD. (CAMP SPGS),MD.	379(DCM)	MLZ; 10°,1.2	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATOR)		
RICHMOND AAB, VA.	109.9		63° Mag.	IM- (0.17)	MM- ····· (0.90)	OM- — — (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z/VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+— Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

H-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC-(not charted). —► New or revised data.

AIRPORTS

DELAWARE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellaire (New Castle)	1.5 W	50	25h R1 L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW,rlv SE	60	21 S2	80 oct. Pav. S
Bridgeville	1.5 S	20	27 S6	80 oct. Data unver.
Dover	1.4 [illegible]	34	19 S2	80 oct. Pole line N.
Dover Airgard	2.2 N,rlv W	37	25 S2	80 oct.
(A) Dover AAF (-)	4 SE,hwy E	28	706 R1	[illegible]
DuPont(Seaford)(NC)	0.8 W,RR	25	21	Poles NE. PRIVATE. RESTRICTED.
DuPont (Wilmington)	3 WSW,RR	165	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 S,RR SW	51	50h	
(P) New Castle Coast (Wilmington)	1.6 SW,hwy SE	75	706 R2 L5 S1	80, 91 oct.
Rehoboth Beach Aircrafters	2.5 W,hwy N	10	35 L S6	80,91 oct. Obsts sur fld. Port rnwy lgts.
Skyerait (Wilmington) (NC)	3 NE,rlv N	220	15	Poles N,W,S trees NW SW
Sussex (Frankford)	1 N		24 S4	80 oct. Data unver.

MARYLAND

Aldino (Churchville)	2.2 N,RR E	400	20 S6	80 oct.
Ancelot(Wortomi)(NC)	4 NW,rlv W	25	50	Trees N.
Annapolis	2 SE		16h S4	80,91 oct. No sto. Data unver.
(F) BALTIMORE MUN.	6 S,RR N	14	5h R2 L5 S6	80,91 oct. 100 oct prior req. Rdo reqd.
C.A.P. Base (Westminster)	2.6 N,hwy E	799	30 S4	80 oct. Poleline [illegible]
Delmarvia(Salisbury)	2.8 S,hwy W	45	21 S6	80 oct Poleline N,E,NE
(P) Easton	2.2 N,RR E	66	27 L S1	80 oct. No sto. Port lgts.
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	S [illegible] pet. Obsts sur fld.
Fayroms(Rock Hall)	1.5 NNW,hwy W	20	14 S4	80 oct. Trees WNW, [illegible] SE
Glenn-rnie Whipp	1 E,hwy W	56	26 S6	80 oct. Poleline SW,NW
Hagerstown	4.2 N,RR W	700	35h L5 S4	80 oct. Fld lgts prior req.
Hickman(Ocean City)	7.5 NW, rlv S	15	28 L4	80,91 oct. Data unver.
Lee Annapolis(Annapolis)	4.8 WSW, hwy E	30	28 S1	73 oct. Pole line ESE
Martin(Baltimore)	10 [illegible] RR N	18	70h R1	PRIVATE.
(N) Patuxent River NAS(N)	2.9 NE,rr boxes	38	97h R2 L6 S4	91,100 oct. JP-1. NATS.
(A) Phillips(Aberdeen)(A)	3.2 S,RR W	57	50h R1 L5 S1	100 oct. CLOSED.
Pimlico (Baltimore)	6 NW,hwy SW	449	32 S6	80,91 oct.
(N) Piney Point (N)	0.8 WNW	10	14h S1	73 oct. Use rnwys only
Rutherford(Baltimore)	7 W,RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h	
Shady Side (NC)	1.8 SSW	10	15	Poleline SSW,RR W
Stevens (Frederick)	5.8 N,hwy E	440	28 S6	80 oct. Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct. Poleline S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. Poleline
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. S,SE. JP-1 on req.

NEW JERSEY

Alexandria (Pittstown)	2 WNW,lk NE	340	18 S4	80 oct No sto. Trees SW
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct P-line S,W.
Greenwich	2.5 W,rlv SW	30	21 S6	73,80 oct. Trees N.
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct. Poleline S,E.
(P) Millville	3.3 SW,lk N	66	50h R1 L5 S6	80,91 oct. Fld lgts on req.
Penns Grove	3 SE,rlv W	10	22 S2	73 oct. Poleline W,SSW.
Salem	2 ESE,rd S	15	22	CLOSED
Woodstown (Auburn)	1.5 SSE,RR E	100	30 S1	80 oct, Poleline N,NE.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE,RR NW	380	40h R1 L5 S6	80,91 oct. Use rnwys only. Fld lgts prior req.
Berks (Reading)	4.5 NW, hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW,rlv S	360	23 S6	80,91 oct. No sto. Poleline sur fld.
Cargil (Granville)	1.5 SW,RR SE	490	23 S2	73 oct. Obsts sur fld.
Carlisle	1.8 WSW,RR N	480	25 S2	80 oct.
Centerville(Carlisle)	11.3 SW,RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	22 S6	80 oct. E, W strip rough
Coatesville	1.6 W,RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE,hwy W	590	20 S6	73,80 oct.
Doersom(Gettysburg)	2.4 NW,RR N	590	19 S6	73 oct. Pwrline NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct. No sto. P-line SW

PENNSYLVANIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gettysburg	2.8 NNW	600	21 S3	80 oct. No sto. RR SW
HARRISBURG STATE	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct.
Hershey	1.1 NNW,RR S	435	21 S2	80, 91 oct.
Kutztown	1.5 S,RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW	320	26 S6	73,80 oct. Poleline W,NW
Lancaster,35,CO-PG	5.5 N,hwy W	385	27h L4 S4	80 oct. Poles S,W,SW, SW.
Layfield(New Hanover)	2 NE,hwy W	320	17 S6	80 oct. Trees NE
Lebanon Co.(Myerstown)	1.6 W,hwy S	422	17 S6	80 oct.
Lewistown	4 SW,rlv SE	560	19 S6	80 oct. Wooded hill NW.
Madeira (Reading)	3.2 N,RR W	360	20 L S6	80 oct. Port flood lgts.
(P) Mount Penn	4 S,hwy E	560	30 S4	80 oct.
New Hanover	0.5 W,hwy SE	320	20 L S4	80 oct. Port flood lgts.
(A) Olmsted(Muddle Creek) (A)	1 W,RR N	300	50h L1 L5 S6	82 [illegible] oct. JP-1. Poles N, SE. Rwy S
Penn-Harris-Harrisburg	4 ESE,RR N	400	18 L S6	80,91 oct. Flood lgts.
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel. Pole line ESE.
Pottstown	4.5 E,hwy N	311	30 S6	80 oct. Bldg NW. T-MP
(P) READING	3 NW,rlv E	342	52h L6 S6	H-2 lgts prior req IN/CT
Reigel(Campbelltown)	1 N,hwy N	475	20 S4	80 oct. CIVIL FACS.
Schuylkill(Pottsville)	8.3 ESE, lake SE	510	29 L S6	80 oct. Port rnwy lgts. Hills SW,E,NE.
Smiths Jack(Douglassville)	1.3 NW,RR S	200	24 S4	80 oct.
Sunset Airways (Chambersburg)	3.5 NNE,rd E, S	650	25 S1	80 oct. Pole line E,NNW
Swatara Valley (Pine Grove)	4 WSW,RR N	480	21 S4	80 oct.
Taylor(New Kingston)	0.5 SE,hwy N	440	28 S6	80 oct. Pole line N.
Valley Arpk (York)	3 ENE,RR N	420	21 S6	80 oct. Poles SSE,NNW.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct.
Womelsdorf	3 NW,hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct. Floodlgts. Pole

VIRGINIA

Blue Ridge(Herndon)	4 WSW,hwy NE	280	30	Poleline E.
Central (Richmond)	2.5 ENE,RR W	172	45 S6	80 oct. Poles WNW,SE.
(N) Chincoteague NAAS	4.5 WNW,hwy S	38	60h R2 L5 S4	100 oct. (N)
(N) Dahlgren NAF Proving Grounds (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLOSED.
Harcum (NC)	0.2 NW	85	40	Poles, Rnwy data unver.
Hermitage(Richmond)	3.2 NNW,RR W	200	20 S6	80 oct. Trees, poles E,W
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Kellam(Wetrwood)	0.3 SW,RR E	15	20 S1	73 oct. Trees NE,SE.
Leesburg Airpark	0.7 ESE	280	26 S6	80 oct. Poleline NE.
* Lively Int,6,NW-WA	3.4 WSW,rlv W	15	34 L3	35 trees, bldgs NW,
Manassas	2.7 NW,RR S	250	21	Pole line SW,SSE.
Melfa Flgt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct. 20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S,RR W	134	26 L3	40 trees S,NE,SW.
Northfield(Richmond)	3 N,hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
(A) RICHMOND AAB(A)	7.3 ESE,RR S	167	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE,rlv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED
West Point	2.3 ESE	24	50h S4	80,91 oct. Riv SSW,
Zieger(Warrenton)	3.7 S,hwy NE	440	20 S2	80 oct. Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S,hwy W	550	50h R1 L5 S6	80, 91, 100 oct.
North End (Martinsburg)	2.5 NNE,RR W	515	28 S2	80 oct. Pole line N.
Millard (Kanawha Co.,Pa.)	1.5 SW.	480	18h S5	
Currell s (Weems,Va	1 N, jct of rlvs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
Harrington (Del.)	1.8 E; RR W	50	25	
Kent (Norton,MD)	1 N; RR S	60	23 S2	80 oct.
Johnson(Ononcock,Va)	1 ESE;RR E	34	22 S1	80 oct.
West Chester (Pa.)	2.5 NE;lake S	470	32 S4	80 oct.
Aberdeen Arpk (Md.)	1 SW		21 S4	80 oct. Data unver.
Frederick City (Frederick,Md)	1.8 E;rlv N,E	305	49	

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS (Washington)	251(142.74)	CN	(3);142.74(7-sunset and on req.)
BOLLING FIELD (Washington)	219(126.18) (137.88)+	CA	(3);126.18,137.88
WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3);116.1
Washington Nat'l Arpt.	278(126.18) (118.5)	AC(ILS);25°,0.9	(4);118.5,126.18,131.9

MARYLAND

ANDREWS FLD (Camp Springs)	317(126.18)+	CA(GCA); 10°,1.2	(3);126.18
BELTSVILLE FM	(-)	FM, 41°,17.6	Washington, D. C.
DONCASTER FM	(. . . - - -)	FM, 209°,24.7	Washington, D. C.
ANDREWS FLD (Camp Springs)	379(DCM)	MLZ	

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
HOLMESBURG LFM	(- - -)	LFM, 238°,6.5	NE Philadelphia
JOHNSVILLE AIRPORT	203 (142.74)	CN	3105 cont,4495,6210;116.1,126.18, 140.58,142.74 on req (8-1/2 hr past sunset)
MUSTIN NAAF (Philadelphia)	251(126.18) (142.74)	CN	(3);126.18,142.74 (7-sunset,other hrs on request.)
PHILADELPHIA (SW Arpt)	266(PG)(116.1)	SBMRAZ-VDT	(4); 116.1
Philadelphia SW Arpt.	278 (118.1)	CI;97°,3	(4);118.1
Philadelphia (NE Range)	371 (NF)	MLWZ-DT	
Philadelphia NE Arpt.	278	CI;238°,2.8	(4)
WILLOW GROVE (Navy)	391 (NXX)	MRLZ	(3); 142.74
Willow Grove NAS	356 (142.74)	CN; 241°,3.35	(3);142.74 (days only except on 1 hr advance notice)
WINGS FIELD (Ambler)	278	CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D. C.
HERNDON FM	(- - - -)	FM, 317°,21.8	Washington, D. C.
MOUNT VERNON	236 (W)	FMK, 209°,8.2	Washington. D. C.
MOUNT VERNON FM	(. . - - -)	FM, 209°,8.2	Washington, D. C.
QUANTICO (Navy)	203 (NYG)	MRLZ	3105, 4495
Quantico MCAS	3295(142.74)	CN; 20°,4.6	(3); 142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WASHINGTON, D.C.	109.9	333.8	360° Mag.	IM ·····(0.03)	MM	OM --(3.60)	
					MMK	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Column Indicate VHF Voice.**

\+ - Army **A.C.S. transmits on and** guards **116.1, 137.88, 140.58 mcs.**

AIRPORTS

DIST. OF COLUMBIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS(Washington)	2.4SE Monument	8	50h R1 L5 S4	100 oct. No bcn. (N)
(A) Bolling(Washington)(A)	3 SSE Monument	20	60h R1 L5 S6	73,100 oct.JP-1.Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct.JP-1 req. Rdo rec req.730'Rdo Twr,6.2 NW. FOREIGN CLEARING STA.

MARYLAND

(A) Andrews (Camp Spring)(A)	1.5 E	279	55h R2(L6)S4		80,100 oct. JP-1
(N) Beltsville OLF (N)	5 ESE	180	40h		Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20	S4	80 oct. Pole line S.
College Park	8.5 NE of D.C	50	22	S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr (Croom)	3 E; RR W	40	20		Trees N,NNW
Congressional (Rockville)	2 SSE;hwy E	450	32	S6	80 oct. Pole line E,NE.
Curtis (Brandywine)(NC)	3 SSW;RR E	200	18		Pole line N,W.
Erco (Riverdale)	0.4 NE; RR W	50	38	S1	80 oct. Trees E,NE,SW.

h-hard surfaced **runways.** R-radio facilities. L-lighting facilities. S-servicing. (See page 81) (NC)-Not charted. → **NEW OR REVISED DATA**

MARYLAND

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS		REMARKS
(A) Ft. Meade (A)	0.5 NE ctr res	180	20h		
Hyde (Clinton)	2 WSW	249	32h	S6	80,91 oct. Trees WNW,NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30	S1	80,91 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19	S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h	S6	80 oct. Trees NW,SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18	S6	73 oct. Pole line NNE,SSE.
Bridgeport	0.8 ESE; RR N	23	18	S4	80 oct.
Burlington Airpark	1.7 NE		24	S4	80 oct. No sto.Data unverified.
Central (Camden)	1.8 E;riv S,W	20	25h		Open to private flying.
Echelon (Ashland)	0.5 SE;RR W	100	27	S6	80,91 oct. Pole line NW.
MARLTON-MEDFORD INC (Marlton)	1.5 ENE	80	30	S2	80 oct.
Mercer County,new (Trenton)	5 NW; RR SE	211	40h		
Mercer County, old (Trenton)	5.8 NW;RR E	200	25	S1	73,80,91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35	S6	80 oct.No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18	L S4	80 oct.Port. rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17	S6	80 oct. Pole line S,SSW.
Triangle (Glassboro)	4.3 ENE	150	18	S2	80 oct. Pole line SW.

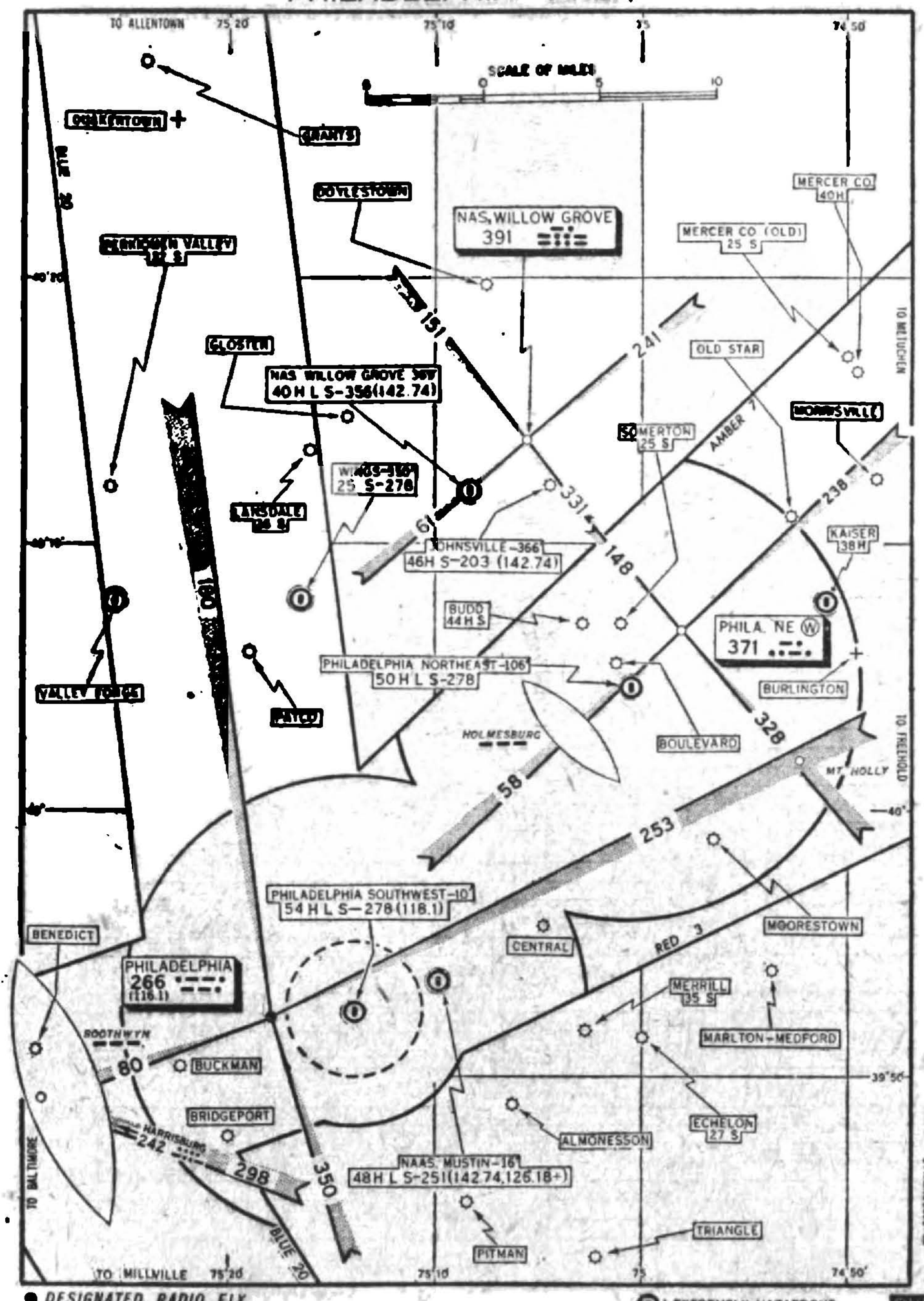
PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26	S2	80 oct. Data unver
Boulevard (Philadelphia)	12 NE; RR SW	160	22	S4	80 oct. Obst sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20	S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h		
Doylestown	1.5 NNE;RR SW	400	22	S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22	S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	16	S6	80 oct.
(N) Johnsville	0.8 NW; RR E	366	46h	R1 S4	91,100 oct. Res't to Navy.
(N) Kaiser (Bristol)	2 N; riv SE	35	38h		Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26	S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W;riv E	180	28	S4	80 oct.
(N) Mustin NAAS (Philadelphia)	4 S; riv S	16	48h	R1 L5 S6	100 oct. Pole line NE,NAFC.(N)
Old Star (Langhorne)	2.4 E; RR N	180	24	S5	80 oct.No sto. Poles N,S.
Patco (Norristown)	2.5 SE;bet RRs	200	19	S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32	S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h	R2 L5 S1	80,91 oct.Rdo req.
" SOUTHWEST	6.5 SW;riv SW	10	54h	R2 L6 S6	82,91 oct. Rdo rec req.
Somerton (Philadelphia)	14 NE;RR N,E	200	25	S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW,SE	250	24	S6	80 oct.
(N) Willow Grove NAS (N)	4 NNW; hwy E	369	40h	R2 L5 S4	91,100 oct. No sto.NAFC.NATS.
Wings (Ambler)	3 WSW;rds E,W	350	25	R1 S6	80,91 oct. Trees N,S.
Quakertown	2W; hwy E	511	21	S6	80 oct. Data unverified.

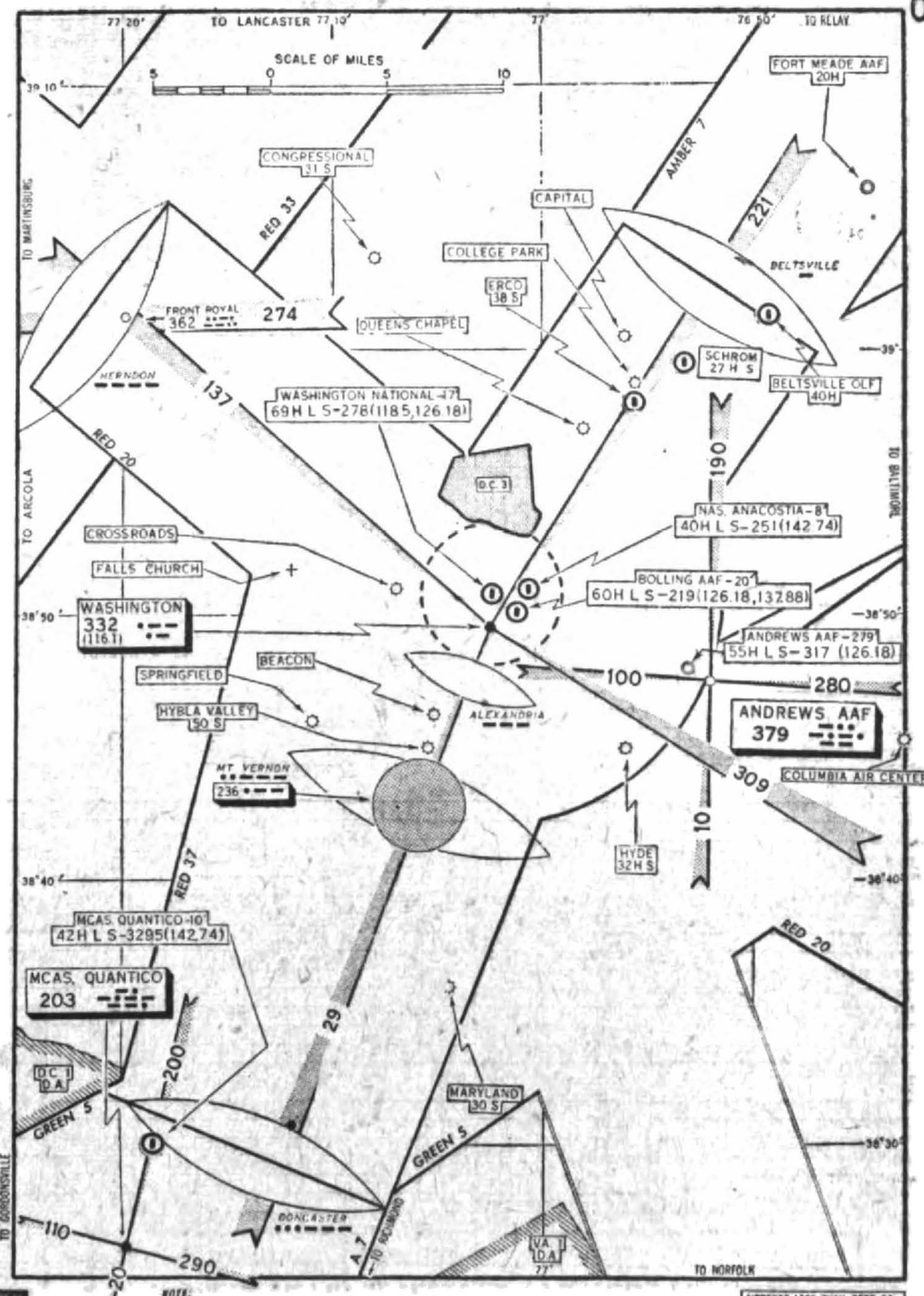
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	240	24	L1 S6	80 oct.No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20	S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26	S6	No sto. Data not verified.
Hybla Valley (Alexandria)	4.5 SSW;hwy E	66	50	S6	80 oct. Trees,pole lines-sur fld.
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h	R2 L5 S6	73,91,100 oct. NATS.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20	S4	80 oct. No sto. Obsts sur fld.

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

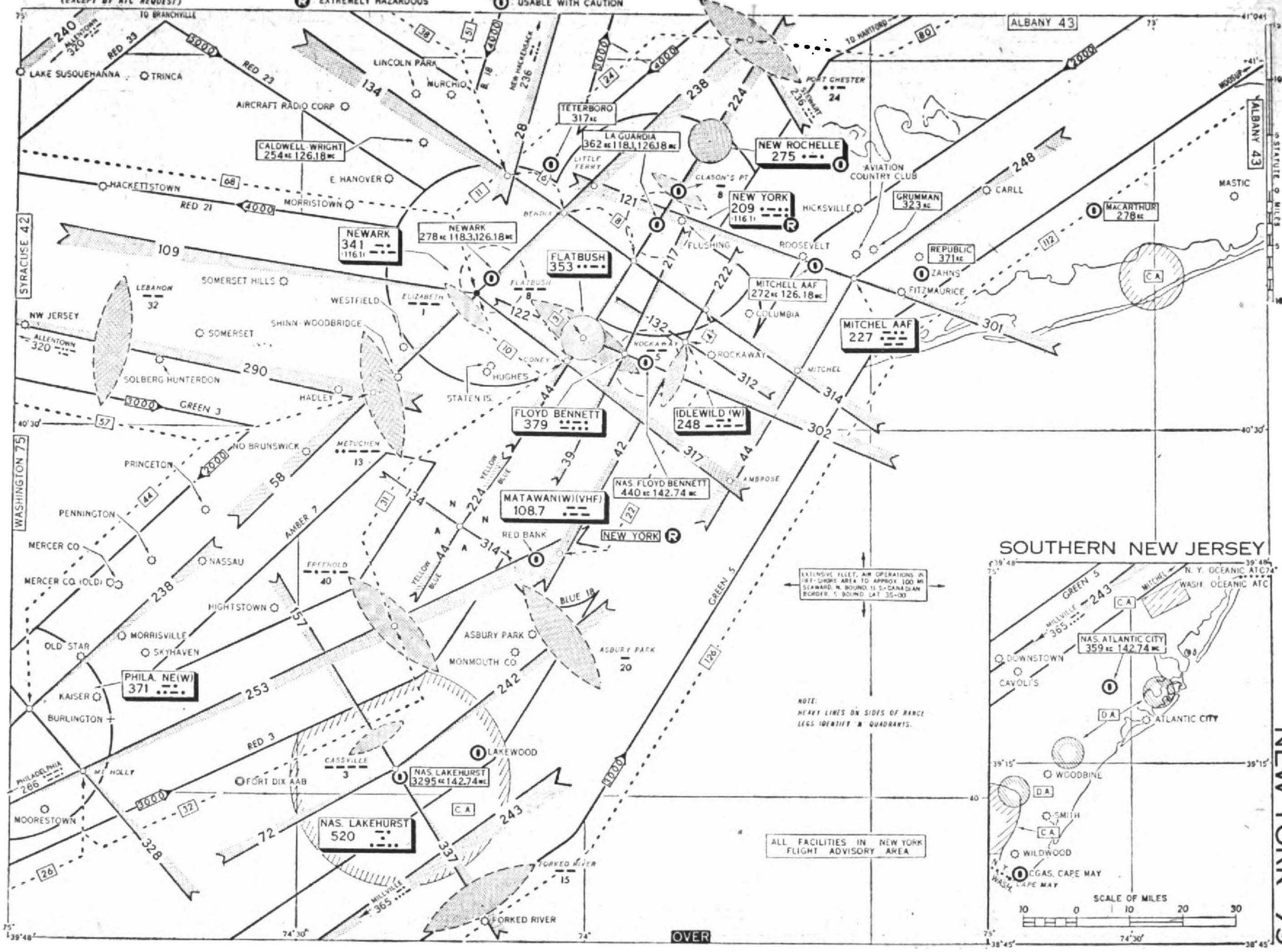
OVER

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "R" OR "O" AREAS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION



RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	359 (142.74)	CN	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18(8:30-sunset,Mon.-Sat. 9-sunset Sun.)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- . -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 224°, 40	New York, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
➔ MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV	(3); 116.1
➔ Newark Airport	278(126.18,118.3)	AC(ILS);58°, 1.0	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	317	CI	3105,6210,3117.5

NEW YORK

CLASON'S POINT LFM	(-)	LFM, 44°, 7.5	New York
FLATBUSH	353 (F)	FMK, 224°, 8.3	New York
FLATBUSH FM	(- - -)	FM, 224°, 8.3	New York
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
➔ Floyd Bennett Fld NAS	440 (142.74)	CN(GCA):122°,1.9	(3);142.74 (8-17)
GRUMMAN (Bethpage, L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°, 2.3	
➔ LA GUARDIA (N.Y.)	362(126.18,118.1)	AC (ILS)	(4);126.18.118.1,122.5.Airline fgs
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays,ngt.&
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3) Sunday if important)
Mitchel Field	272 (126.18+	CA(ILS);301°,3.2	(3); 126.18 (app ctl)
NEW YORK (La Guardia)	209 (LG)(116.1)	SBMRAPZ-DTX;44°,3.4	(3); 116.1
NEW ROCHELLE	275 (R)	K; 44°, 12.8	New York
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
REPUBLIC FIELD (Farmingdale)	371	CI	(3)(days)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MITCHEL, (L6) (Hempstead,N.Y.)	110.3	335	300°Mag.	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)	
					MMK-257 --(0.87)	OMK-201 ---(4.14)	
NEWARK, (L5) N.J.	109.5	332.6	58°Mag.	IM-	MM- (0.59)	OM- (3.8)	
					MMK-201----(0.59)	OMK-219 --(3.9)	
NEW YORK,N.Y. (LaGuardia)	109.9	333.8	44° Mag.	IM- (0.05)	MM- ····· (0.81)	OM- -- (3.4)	
					MMK-233 ---(0.81)	OMK-317 --- (4.5)	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aero-Marine Terminal (Keyport)	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
(N) Clarke (Ocean City)	2.8 SW;RR SE	8	23	Naval tow target practice.
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct, Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L5) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.5 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS. req.Rnwy data
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct. unver.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. (N)
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
(N) LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
Nassau(Hempstead) (N.J.)	4.5 E;hwy N	80	21	
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x). NC (not charted). ➔ NEW OR REVISED DATA

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - -.-)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT, 149°,0	(4); 116.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3); 116.1
➤LOS ANGELES	260 (LA)(116)	SBRAZ-VDTX, 244°, 3 R	(3);116.1,122.1
➤LOS ANGELES	109.1(LA)	BVAR	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
➤MIRAMAR MCAS (San Diego)	329.5(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	329.5(126.18, 142.74)	CN	(3); 126.18,142.74
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT, 317°, 0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHVT	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	329.5(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°,2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND NAAS	329.5(142.74)	CN	3105,4495;142.74
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT, 139°, 2.3	(3); 116.1
➤San Diego NAS	266 (142.74)	CN (GCA)	(3);126.18,142.74
San Diego NAS (Seaplane)	282.9	CN	
➤TRONA (Int.)	323 (EW)	SBRAZ-VDT, 2.5, 245°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+--Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
➤Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 181) NC (not charted). ➤NEW OR REVISED DATA

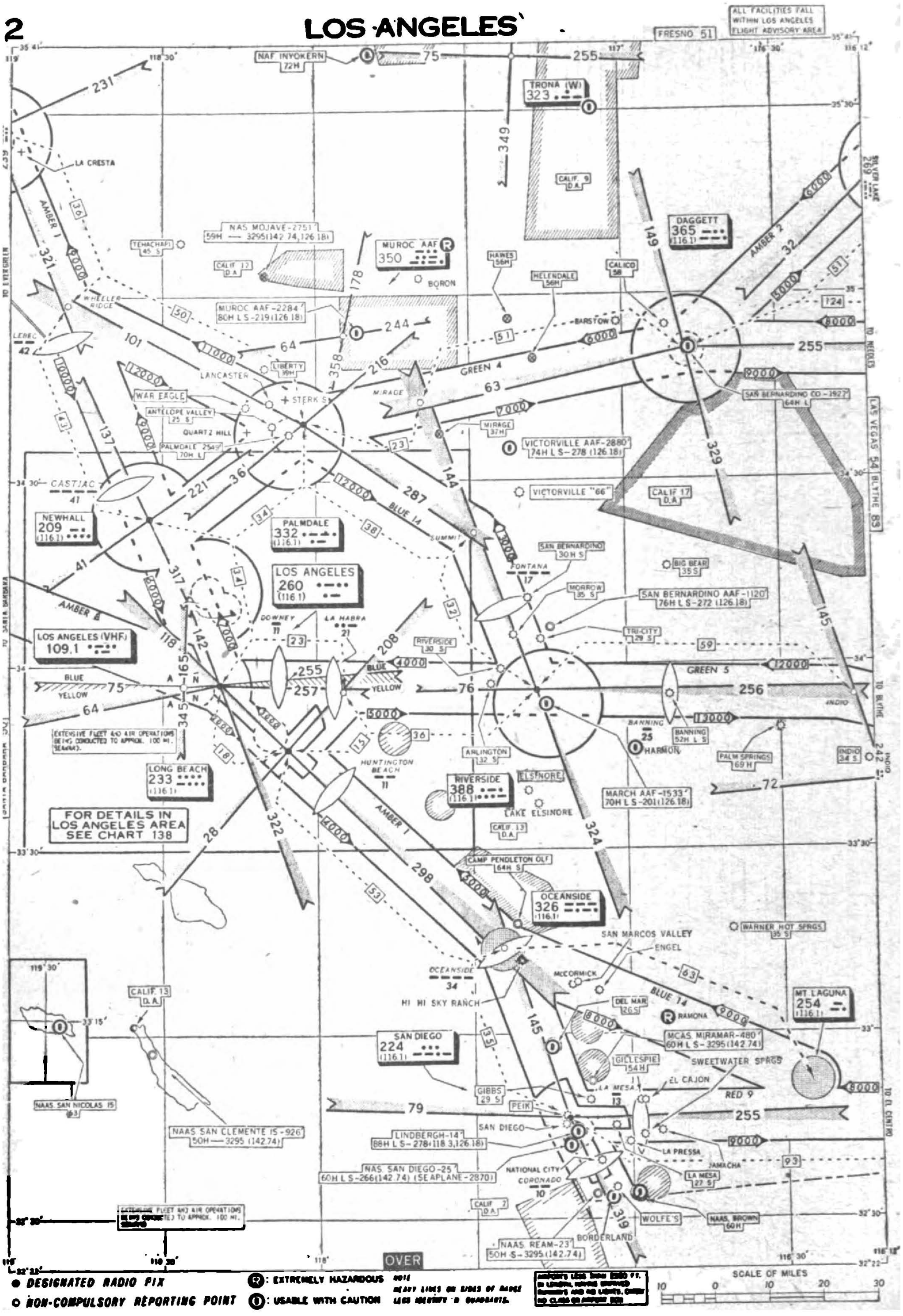
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	6.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	NATS.
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct. No sto. Poles NE,E
(N) Gillespie MCAAF (N)	1 SSW,rd E	385	54h	Towers W. (Santee).
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	INACTIVE.
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
➤La Cresta(Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	80,91 oct. ARMY
(A) LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	TEMP INACT CIVIL FACS. ARPT OF ENTRY
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N)	0.7 F,hwy W	2751	59h R1	CLOSED
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct. Port rnwy lgts. Data unver.
➤Ramona	0.6 WNW,			ABANDONED
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
➤Ryan (Hemet)(NC)	2.5 WSW			ABANDONED
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver. JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island NAAS (N)	8 S of N end	926	50h R1	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NAFC.
San Marcos Valley (San Marcos)	1 W,RR,hwy S	530	19 S4	80 oct. No sto. Hill NE

CALIFORNIA

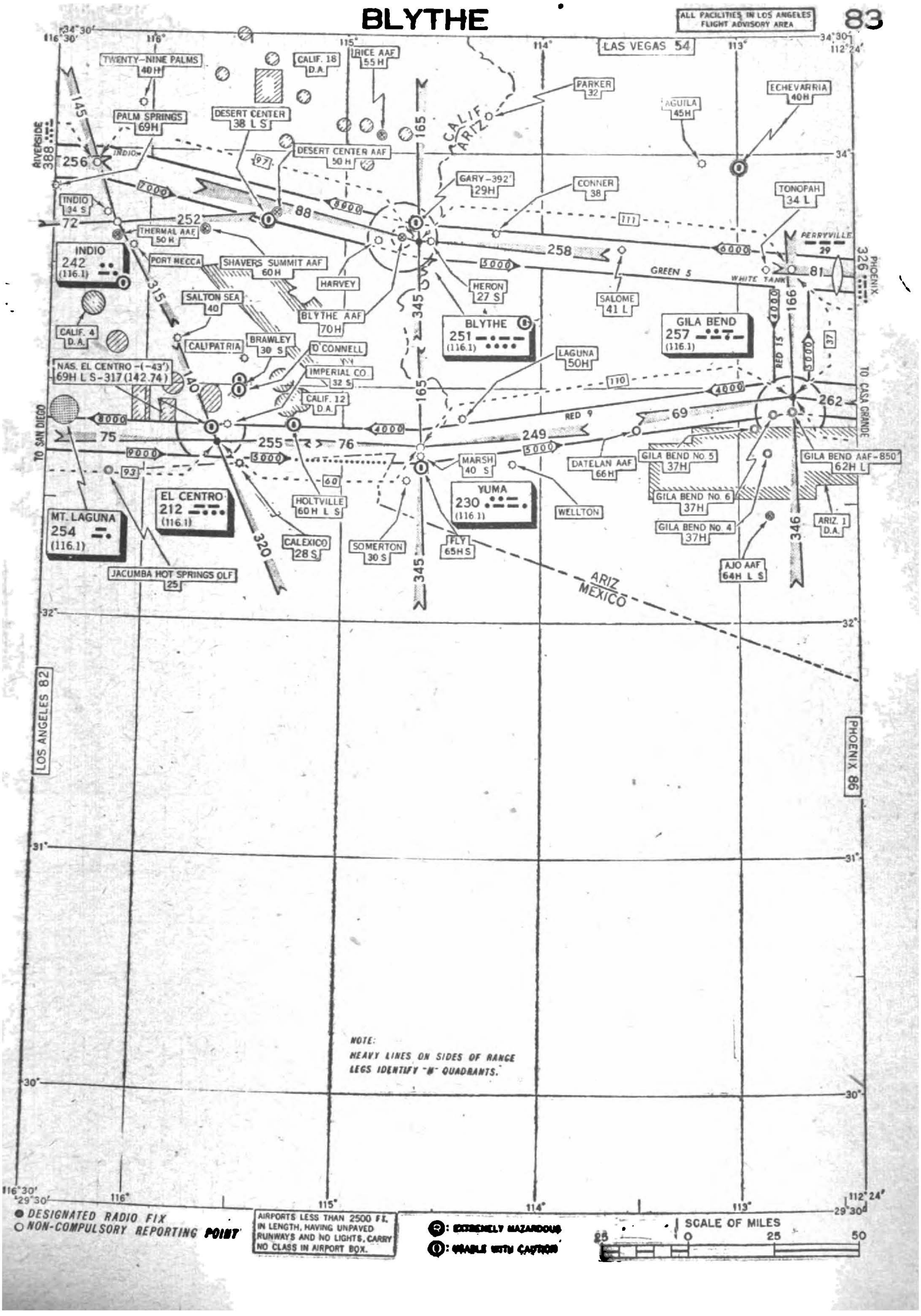
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island NAAS (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
Ramona OLF	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	

LOS ANGELES


ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA
FRESNO 51
NAF INYOKERN 72H
TRONA (W) 323
CALIF 9 D.A.
DAGGETT 365 (116.1)
LA CRESTA
AMBER 1
AMBER 2
NAS MOJAVE-2751' 59H — 329(142 74,126.18)
TEHACHAPI 45 S
CALIF 12 D.A.
MUROC AAF 350
BORON
HAWES 56H
HELENDALE 56H
CALICO 58
MUROC AAF-2284' 80H L S-219(126.18)
BARSTOW
LEBEC 42
WHEELER RIDGE
LANCASTER
LIBERTY 39H
WAR EAGLE
ANTELOPE VALLEY 25 S
QUARTZ HILL
PALMDALE 2549' 70H L
STERK S
MIRAGE
GREEN 4
SAN BERNARDINO CO-2927' 64H L
MIRAGE 37H
VICTORVILLE AAF-2880' 74H L S-278 (126.18)
CASTIAC 41
NEWHALL 209 (116.1)
PALMDALE 332 (116.1)
BLUE 14
SUMMIT
VICTORVILLE "66"
CALIF 17 D.A.
SAN BERNARDINO 30H S
FONTANA 17
BIG BEAR 35 S
MORROW 35 S
SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)
LOS ANGELES 260 (116.1)
DOWNEY 11
LA HABRA 21
LOS ANGELES (VHF) 109.1
RIVERSIDE 30 S
TRI-CITY 29 S
BLUE
YELLOW
GREEN 5
BANNING 25
HARMON
BANNING 52H L S
PALM SPRINGS 69 H
INDIO 34 S
EXTENSIVE FLEET & AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.
LONG BEACH 233 (116.1)
HUNTINGTON BEACH 11
ARLINGTON 32 S
RIVERSIDE 388 (116.1)
ELSINORE
LAKE ELSINORE
MARCH AAF-1533' 70H L S-201(126.18)
FOR DETAILS IN LOS ANGELES AREA SEE CHART 138
CALIF 13 D.A.
CAMP PENDLETON OLF 64H S
OCEANSIDE 326 (116.1)
SAN MARCOS VALLEY
ENGEL
WARNER HOT SPRGS 35 S
OCEANSIDE 34
HI HI SKY RANCH
MCCORMICK
DEL MAR 26S
RAMONA
MT. LAGUNA 254 (116.1)
SAN DIEGO 224 (116.1)
MCAS MIRAMAR-480' 60H L S-3295(142.74)
GILLESPIE 154H
SWEETWATER SPRGS
EL CAJON
LA MESA 13
RED 9
GIBBS 29 S
PEIK
NAAS SAN NICOLAS IS
NAAS SAN CLEMENTE IS-926' 50H — 3295 (142.74)
SAN DIEGO
LINDBERGH-14' 88H L S-278(118.3,126.18)
LA PRESSA
JAMACHA
NAS SAN DIEGO-25' 60H L S-266(142.74) (SEAPLANE-2870)
NATIONAL CITY
CORONADO 10
LA MESA 27 S
CALIF 7 D.A.
WOLFE'S
NAAS, BROWN 60H
BORDERLAND
NAAS REAM-23' 50H S-3295(142.74)
OVER
TO SANTA BARBARA
TO NEEDLES
LAS VEGAS 54
BLYTHE 83
TO BLYTHE
TO EL CENTRO
SILVER LAKE
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA



BLYTHE

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA	230(UP)(116.1)	SBMRAZ-VDT,165°,5.8	(4); 116.1

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BLYTHE	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
→ El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
→ MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner(Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echeverria (Wickenburg)	14.8 WSW,RR N	2380	40h	
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	
(A) Gila Bend #4 (A)	18 SSW	1000	37h	
(A) Gila Bend #5 (A)	15.3 SW	800	37h	
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintertersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. OF ENTRY
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ARPT
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF(Salton Sea)	25 W of center	450	50	On W portion Dry Lake. (N) (NC)
(N) Coyote Wells OLF -North(El Centro)	21 NW	300	26	(N) (NC)
(N) Coyote Wells OLF -South(El Centro)	21 WSW	300	25	(N) (NC)
(A) Desert Center	2.5 NE.rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto. (N)
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct.Data unver.
(N) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
→ Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
➤ COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-VDT,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(3); 116.1,126.18,118.3,
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-VDT,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT;307°.3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

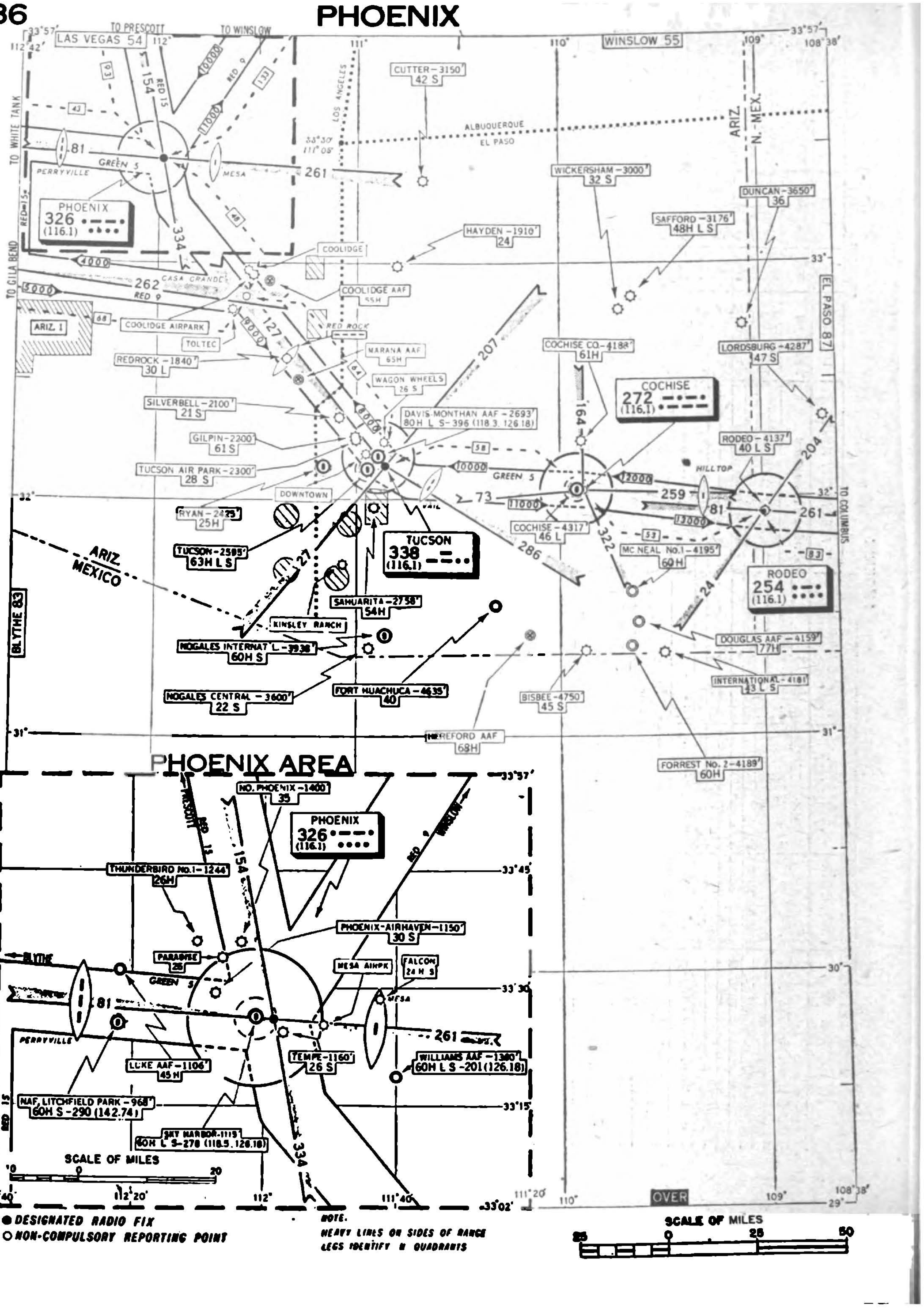
AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W.Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
★ Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2693	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
➤ Falcon (Mesa) (NC)	7.3 NE,hwy S	1332	24h S6	80,91 oct. No sto.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
Ft.Apache (White River)(NC)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct.Poles E, SW.
↘ Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct.No sto.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct, Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct,No sto.Poles SW,NE.
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct,No sto.Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
Downtown (Tucson,Ariz.)	1 4 S,RR SW	2400	34 S2	80,91 oct. Poles N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC-(not charted). ➤ NEW OR REVISED DATA.

PHOENIX



PHOENIX AREA

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS

SCALE OF MILES
25 0 25 50

EL PASO

ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA

WINSLOW 55 | ALBUQUERQUE 58

TO ALBUQUERQUE

ALBUQUERQUE
EL PASO

ENGLE
344
(116 1)

HOT SPRINGS

ENGLE - 4053'
45 L

ALAMOGORDO AAF
221

ALAMOGORDO AAF - 4092
84 H L S-272 (126 18)

LAS CRUCES - 4538'
39 L

STATE COLLEGE - 3800'
30 S

BIGGS AAF - 3937'
96 H L S-396 (126 18)

EL PASO
242
(116 1)

EL PASO MUN - 3936'
70 H L S-278 (118 7, 126 18)

HURLEY - 5740'
33 S

WHITENHILL

DEMING (CENTER)
60H

DEMING AAF
81 H

DEMING - 4300'
31 S

DEMING (SOUTH)
60H

LAS CRUCES MUN - 4426'
75 H

COLUMBUS
284
(116 1)

COLUMBUS - 4024'
42 L S

MOUNT RILEY - 4106'
36 L

JUNDT - 3709'
32 S

VALLEY - 3875'
34 S

N MEX
TEX

N MEX
MEXICO

TEX
MEXICO

TEXAS (S OF 30°39', W OF 100°30')

MARFA MUN (NEW)
53H

ARAGON NO 3
60H

STARR - 4481'
43 S

DEVON - 2100'
45H L

PANDALE

COMBS

MARFA AAF - 4865'
75 H

ALLISON RANCH - 5188'
49 S

SOUTH NO 1 - 4825'
60H

VAL VERDE CO - 1056'
49H

DEL RIO - 1069'
LO 3

LAUGHLIN AAF - 1068'
67 H

JOHNSON RANCH - 7092'
37

SCALE OF MILES
60 0 70 20 30 40 50

SCALE OF MILES
10 0 10 20 30

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
LIES BETWEEN 8 BOUNDARIES

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army Alamogordo AAF	221 (DGR)	BMRLZ	(3);4220;126.18
	272 (126.18)	CA;167°,6.5	(3);126.18 (0730-1930) Mon-Fri. (Sat. & Sun. 730-1630)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-VDT, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3); 116.1
→ El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°,4.9	(4):122.5,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
BIGGS, (El Paso, Tex)	109.9		213° Mag.	IM- (0.26)	MM- ····· (0.85)	OM- -- (3.50)
					MMK-	OMK-
→ EL PASO, TEX.	109.5 -·--	332 6	217° Mag	IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140-58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
★ Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
★ Engle Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
★ Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.

NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Las Cruces (NC)	1 NE,hwy N	3900	35	
Las Cruces, mun.	8.5 W,hwy S	4426	75h	Cattle on fld.
Las Cruces 4,EO-PU	9.5 NE,hwy S	4538	39 L3	Pwr line S, Mtn E.
★ Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct.No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct,50'hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N,Rnwy data unver.
TEXAS				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.JP-1.No
Blair Ranch (Marathon (NC)	23.5 SSW,hwy E	4180	24	PRIVATE. range.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-I	5.7 W,hwy N	2300	45h L3	
(N) EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct.No sto.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	ARPT OF ENTRY.
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline NOT MNTND. S, SW.
Presidio (NC)	4 N,hwy W	2850	48	
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.
Pandale (Tex.)	8 NE		20 S2	80 oct. Data unver.
Combs (Marathon) (Tex)	0.7 SE; RR, hwy N	4100	27 S2	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA:255°, 3.6	(3); 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT:162° 2.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on said guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
CARLSBAD MUN.	6.1 SSW,	3276	65h L5	Hwy E,Rnwy lgts on req.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	INACTIVE.
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

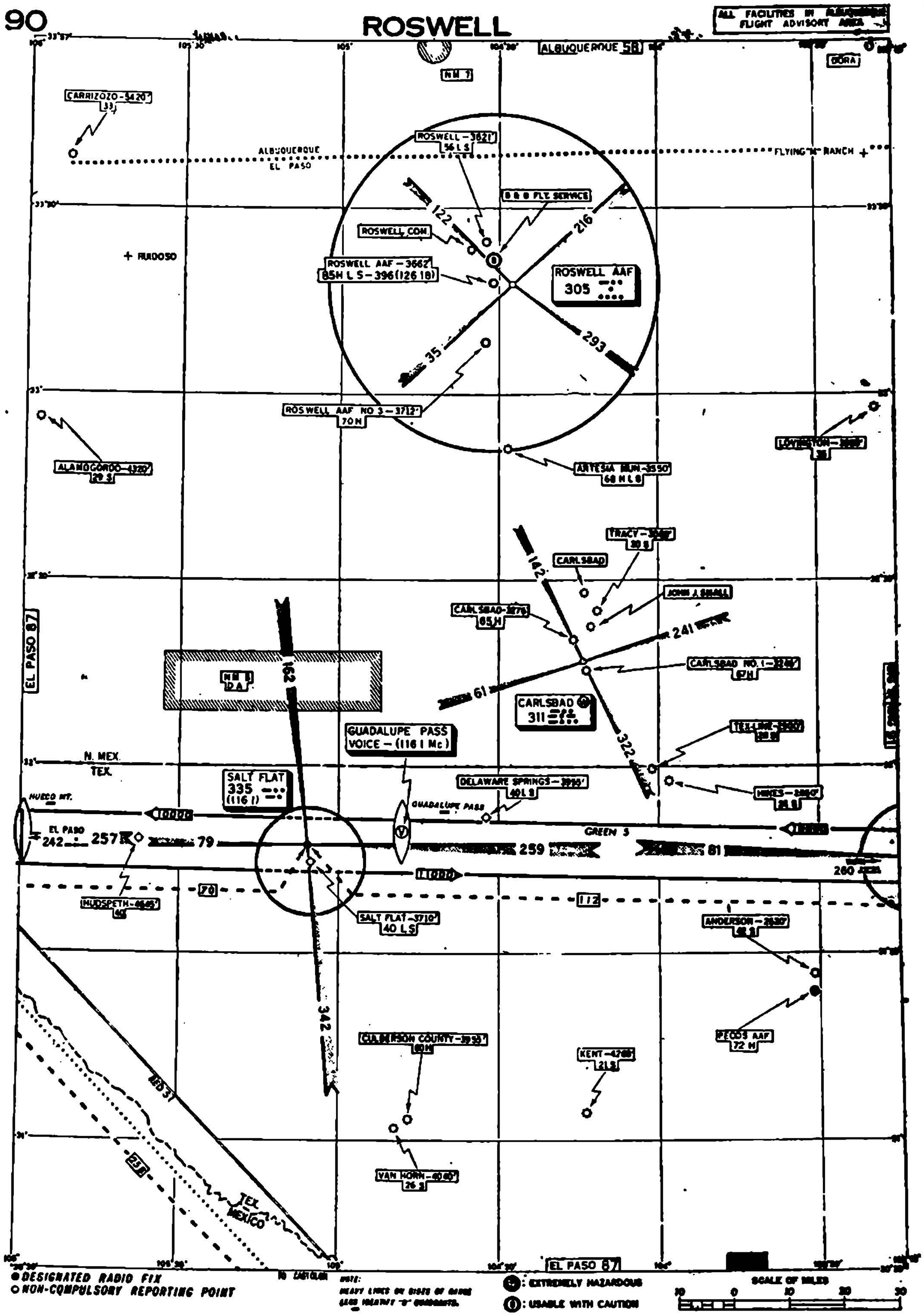
NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles aur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, EO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
(A) Pecos AAF(A)	2.2 SSW	2617	72h	RR W CLOSED
★ Salt Flat Int.8A,EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N.Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.

NEW AIRPORTS

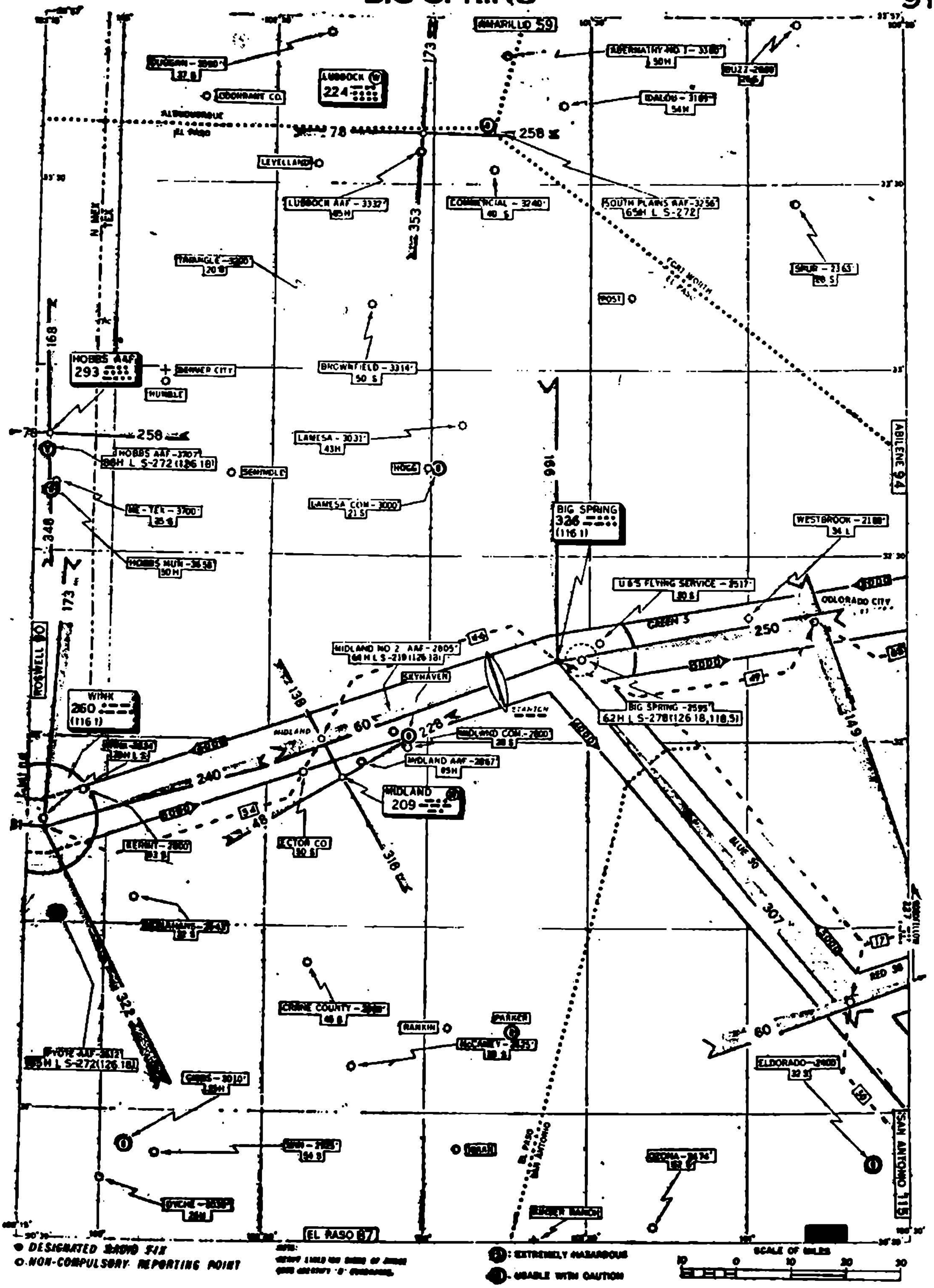
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data

ROSWELL



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

BIG SPRING


AMARILLO 59
ALBUQUERQUE
EL PASO
78
258
LEVELLAND
LUBBOCK
224
LUBBOCK AAF - 3337'
COMMERCIAL - 3240'
SOUTH PLAINS AAF-3256'
65H L S-272
ALBERNATHY NO 1 - 3385'
IDALOU - 3189'
54H
BUZZ - 2880'
SPUR - 2363'
89 S
ROST
(GAS) WICHITA - EL PASO
TRIANGLE - 3200'
20 S
HOBBS AAF
293
DENVER CITY
HUMBLE
BROWNFIELD - 3314'
50 S
LAMESA - 3031'
43H
SEMINOLE
HOBBS AAF - 3707'
88H L S-272 (126 18)
LAMESA COM - 3000'
21 S
HOBBS MUN - 3698'
50H
BIG SPRING
326
(116 1)
WESTBROOK - 2188'
34 L
U & S FLYING SERVICE - 3517'
20 S
COLORADO CITY
GREEN 5
250
ROSWELL 80
WINK
260
(116 1)
MIDLAND NO 2 AAF - 2805'
68 H L S-27 81 126 18 31
SEYMAVEN
MIDLAND
60
228
MIDLAND COM. - 2800'
28 S
MIDLAND AAF - 2867'
85H
MIDLAND
209
240
48
318
BIG SPRING - 2595'
62H L S-27 81 126 18, 118, 51
BLUE 90
307
ABILENE 94
SAN ANTONIO 115
CRANE COUNTY - 2930'
46 S
RANKIN
PARKER
HOCKLEY - 3375'
18 S
ELDORADO - 2400'
32 S
60
EL PASO 67
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-2300)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
TEXAS			
BIG SPRING	**326(BZ)(116.1)**	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	**278 (126.18) (118.5)**	C; 70°, 3.9	**(4); 126.18,122 5,118.5**
LUBBOCK (AAF)	**224 (DHH)**	MRLWZ; 173°, 3.7	
MIDLAND	**209 (DON)**	MRLWZ;48°,3.8-AAF	
Midland No. 2	**219 (126.18)**	CA	**(4); 140.58,126 18**
PYOTE AAF	**272 (126.18)**	CA	**(3); 126.18**
SOUTH PLAINS AAF (Lubbock)	**272**	**CA**	**(4) (8-22)**
STANTON FM	**(- - -)**	**FM, 240°,12**	**Big Spring.**
WINK	**260(WP)(116.1)**	**SBRAZ-VDT,353°,1.2**	**(4); 116.1**

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW, RR NE	3707	88h R2 L5 S4	91,100 oct.
HOBBS MUN.	5 W, hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W, hwy N	3700	35 S6	80,87 oct. Pole line N,W,NW.
TEXAS				
(A) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS
(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct.
Brownfield	5 E; hwy N	3314	50 S2	80 oct. Poleline N, NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct. Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips.
Crane Co. (Crane)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E; RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 **oct. PRIVATE.** Data unverified.
→ Lamesa	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct. Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	**80 oct. Poleline NW,** SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	TEMP INACT NO FACS
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 **oct. No sto.** Rnwy data unverified.
(A,N) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 **oct.** JP-1 No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE; RR W	3256	65h R1 L5 S6	73, 91, 100 **oct.** JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW; RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	**80 oct.**
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole **line N, S.**
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Denver City (Tex.)	0.5 NW	3584	40 S1	80 oct. Data unver.
Hogg (Lamesa, Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
→ Humble (Denver City Tex.)	0.8 NW	3584	42	P-line E. Use strips only.
→ Iraan, (Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct. P-line N,S, SE. Use strips only.
→ Parker, (Texan, Tex.)	2.3 W; RR N	2700	32	Use strips only.
→ Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W blocked Canyon E.
→ Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
→ Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
→ Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct. P-line ENE,SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX) NC-(not charted) → NEW OR REVISED DATA.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3) 116 1
→ Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4); 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°, 1.7	(4); 116.1

S-Simul Range and Voice W Without Voice Z-VHF Range Station Location Marker (3) 3105 4495 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice ✦-Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — OKLAHOMA

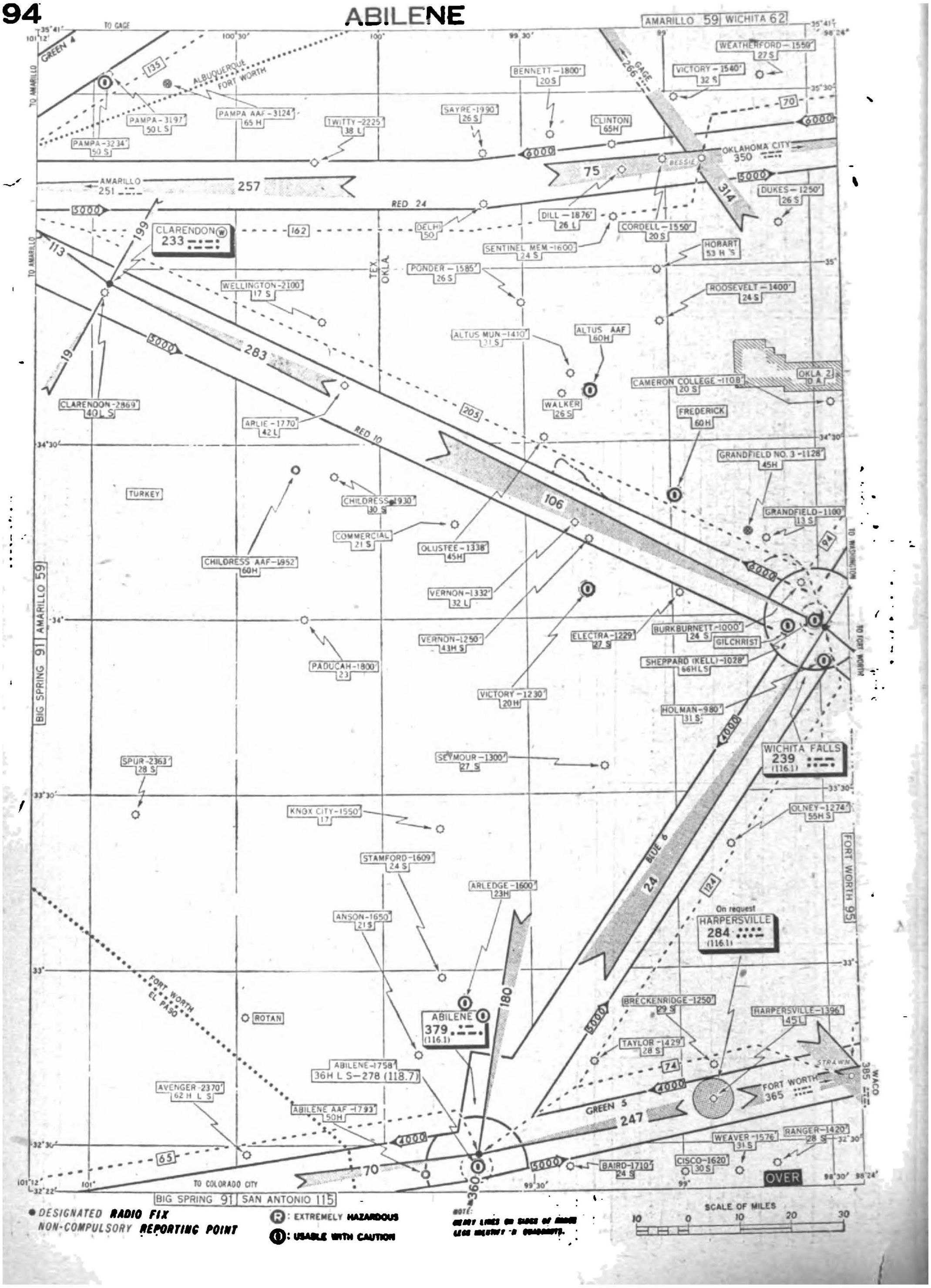
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct.Polelines W
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct.Poleline W.Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct.Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
→ Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
→ Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct.Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct.Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct.Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

h hard surfaced runways R radio facilities L lighting facilities S servicing (See page xx) NC (not charted) → NEW OR REVISED DATA.

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91,100 oct.
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	TMP INACT NO FACS.
→ Anson	0.8 ENE,RR W	1650	21 S1	80 oct (SEE SPL NOT)
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct.Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct.Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct.Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct.Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S2	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct.Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct.ARMY TMP INACT.CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct.No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct.Pole line S.
NEW AIRPORTS				
→ Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
→ Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips only
→ Victory,(Clinton,Okla)	2 S; hwy W	1540	32 S2	80 oct.

ABILENE



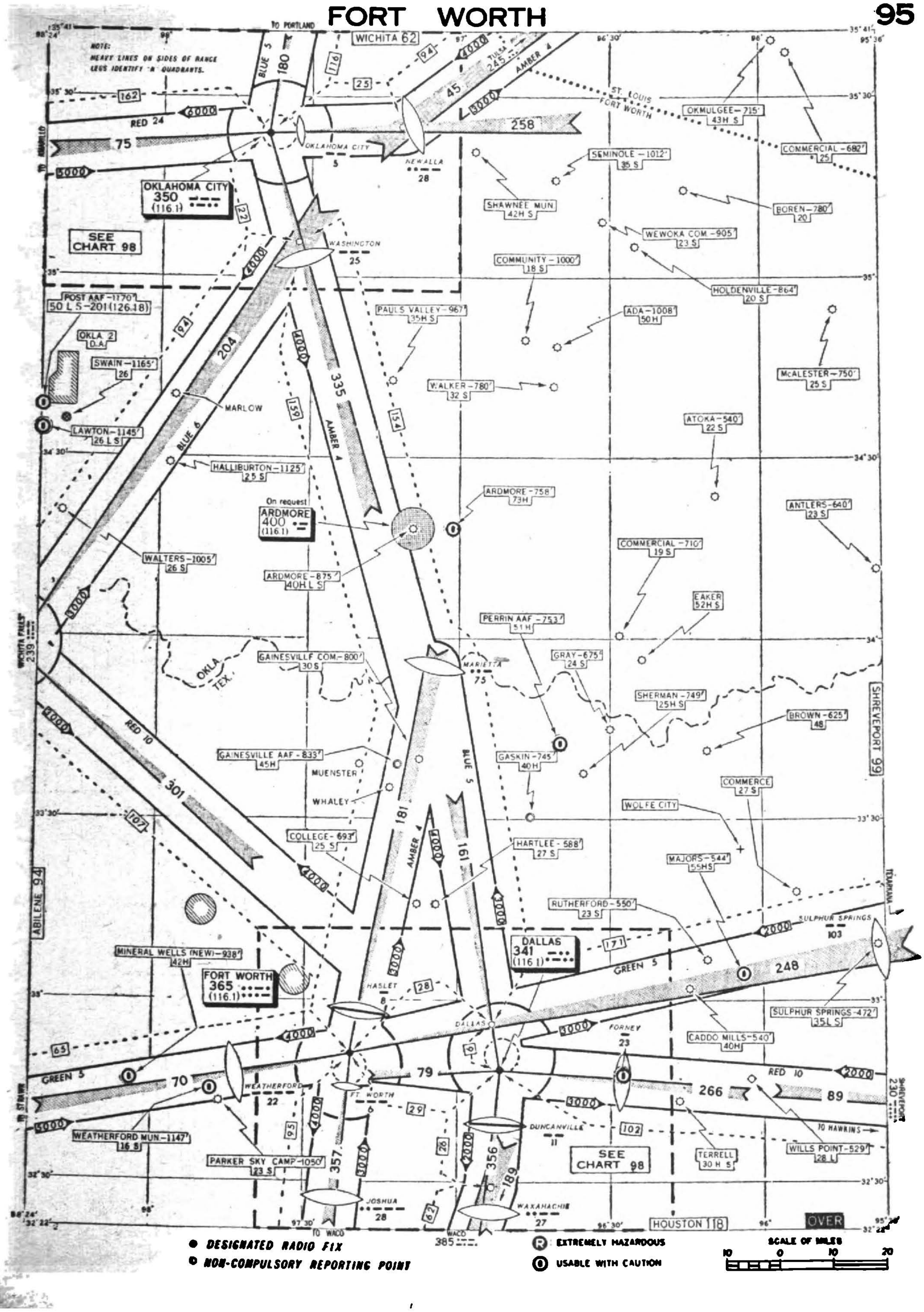
● DESIGNATED **RADIO FIX**
NON-COMPULSORY **REPORTING POINT**

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
LESS MILEAGE -B CHANGEOVER.

FORT WORTH


TO PORTLAND
WICHITA 62
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.
BLUE 5
180
116
94
4000
TULSA 245
AMBER 4
45
25
162
6000
RED 24
258
ST. LOUIS
FORT WORTH
OKMULGEE – 715'
43H S
COMMERCIAL – 682'
25
75
OKLAHOMA CITY
NEWALLA
28
5
5000
OKLAHOMA CITY
350
(116.1)
22
SEMINOLE – 1012'
35 S
SHAWNEE MUN
42H S
BOREN – 780'
20
WEWOKA COM. – 905'
23 S
SEE CHART 98
WASHINGTON
25
COMMUNITY – 1000'
18 S
HOLDENVILLE – 864'
20 S
POST AAF – 1170'
50 L S – 20I (126.18)
PAULS VALLEY – 967'
35H S
ADA – 1008'
50 H
OKLA 2
D.A.
94
204
4000
SWAIN – 1165'
26
McALESTER – 750'
25 S
MARLOW
159
335
AMBER 4
154
WALKER – 780'
32 S
ATOKA – 540'
22 S
LAWTON – 1145'
26 L S
BLUE 6
HALLIBURTON – 1125'
25 S
ARDMORE – 758'
73H
On request
ARDMORE
400
(116.1)
ANTLERS – 640'
23 S
WALTERS – 1005'
26 S
ARDMORE – 875'
40H L S
COMMERCIAL – 710'
19 S
EAKER
52H S
PERRIN AAF – 753'
51H
PAULS VALLEY
239
OKLA.
TEX.
GAINESVILLE COM. – 800'
30 S
MARIETTA
75
GRAY – 675'
24 S
SHERMAN – 749'
25H S
BROWN – 625'
48
SHREVEPORT 99
GAINESVILLE AAF – 833'
45H
MUENSTER
WHALEY
GASKIN – 745'
40H
COMMERCE
27 S
RED 10
301
181
AMBER 4
BLUE 5
161
WOLFE CITY
107
COLLEGE – 693'
25 S
HARTLEE – 588'
27 S
MAJORS – 544'
55HS
ABILENE 94
RUTHERFORD – 550'
23 S
TEXARKANA
SULPHUR SPRINGS
2000
103
MINERAL WELLS (NEW) – 938'
42H
FORT WORTH
365
(116.1)
DALLAS
341
(116.1)
171
GREEN 5
248
HASLET
28
SULPHUR SPRINGS – 472'
35L S
DALLAS
FORNEY
23
CADDO MILLS – 540'
40H
65
GREEN 5
70
WEATHERFORD
22
FT. WORTH
29
79
RED 10
266
89
SHREVEPORT 230
TO STAMFORD
WEATHERFORD MUN. – 1147'
16 S
95
26
DUNCANVILLE
11
102
10 HAWKINS
WILLS POINT – 529'
28 L
PARKER SKY CAMP – 1050'
23 S
357
356
189
SEE CHART 98
TERRELL
30 H S
JOSHUA
28
62
WAXAHACHIE
27
TO WACO
WACO
385
HOUSTON 118
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

RADIO — OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARDMORE	400 (AT)(116.1)	MHVT	(4); 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Lawton)	201 (126.18)	CA	(3); 126.18 (7-17 Mon.-Fri.)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City

TEXAS

DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT,356°2.2	(3); 116.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3); 116.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - -)	FM, 177°, 27.7	Fort Worth
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Surveil. Range and Voice. W Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S, RR E	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
(A) Post (Lawton)(A)	3 N	1170	50 R1 L4 S4	73 oct.; ltd 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
(A) Swain (Lawton)(A)	3.5 E,hwy N	1165	26	CLOSED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
College (Denton)	4.2 N	693	25 S6	73 oct. Cattle on field.
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
→ Majors (Greenville)	5 SSE,RR W	544	55h S4	80,91 oct.
(P) Mineral Wells	3.2 SE,RR N	938	42h L5 S6	80,91 oct,Rnwy lgts on req. Data unver.
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) (NC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY – DALLAS – FORT WORTH

RADIO — OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	FM,78°,27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350(OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM,78°,5.4	Oklahoma City
TINKER, OKLAHOMA CITY (Army)	221 (DTE)	BMRAZ	4495
Tinker Field	396 (126.18)+	CA;170°,5.3	(3); 126.18
WILL ROGERS FIELD (Oklahoma City)	272(118.7))	C	(4);118.7,126.18,122.5
WASHINGTON FM	(- - -)	FM,155°,24.6	Oklahoma City

RADIO — TEXAS

DALLAS (Love Field)	341(DL)(116.1)	SBMRAZ-VDT,356°,2.2	(3); 116.1
DUNCANVILLE	404 (D)	FMK,176°,10.5	Dallas
DUNCANVILLE FM	(- -)	FM,176°,10.5	Dallas
FORNEY FM	(-)	FM,86°,23	Dallas
FORT WORTH (Meacham Field)	365(FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3); 116.1
Fort Worth AAF	201 (126.18)+	CA	(3); 126.18
FORT WORTH LFM	(- - -)	LFM,177°,6.2	Fort Worth
HASLET FM	(-)	FM,1°,8.1	Fort Worth
HASLET	371 (P)	FMK,1°,8.1	Fort Worth
HENSLEY FIELD (Dallas)	396 (126.18)	CA	(4). 126.18
JOSHUA FM	(. . - - -)	FM,177°,27.7	Fort Worth
LOVE FIELD (Dallas)	278 (126.18) (118.9)	AC (ILS)	(4); 118.9,122.5,126.18
MEACHAM FIELD (Fort Worth)	272 (126.18) (118.7)	AC(ILS)	(4);126.18,118.7,122.5
WAXAHACHIE FM	(. . - -)	FM,176°,27	Dallas
GRAUWYLER PARK	311 (L)	R,356° 5.8	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
DALLAS, TEX. (Love)	110.3	335	140° Mag.	IM	MM	·-·- (0.7)	OM -- (4.35)
					MMK		OMK
FORT WORTH, TEX. (Meacham)	109.9	333.8	172° Mag.	IM	MM	·-·- (0.7)	OM -- (4.09)
					MMK 356	·--·(.70)	OMK

S-Simul Range and Voice, W Without Voice Z VHF Range Station Location Marker (3) 3105 4495 6210 kcs
(4) 3105. 4495. 6210. 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 116.1 137.88 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW;RR E	1260	20 S1	80 oct.
Bethany (Oklahoma City)	8WNW	1400	44h S6	80,91 oct.Pwr line S.
Bomhoff (Calumet)	4.1 SSE;hwy S	1448	25 S4	73,80,91 oct.
Caddo Flying Ser.(Ft.Cobb)	6 SE;hwy S	1250	16 S2	80 oct.
(P) Chickasha	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts.
Cimarron (Yukon)	4 WSW;hwy N	1350	20h	
(P) El Reno	1.5 SW;RR N	1400	26 L S6	80 oct.Port rnwy lgts.
Geary	1.4 E;RR N	1300	21 S2	73 oct
Garthoeffner Co. Club (Oklahoma City)	7.3 S;hwy E	1250	19h S6	80 oct.
Lake View (Yukon)(NC)	2.7 E;RR N	1275	24	PRIVATE.Poles N,S.
Max Westheimer (Norman)	2.7 NW,RR E	1178	50h S2	80,91 oct.
(P) Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Oklahoma City)	7.2 SSW;hwy W	1265	30 S6	80 oct.Poles N,W,SW.

OKLAHOMA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW;riv W	1100	24 S2	80 oct.Trees S,SSW,SSE.
(A,N) Tinker (Oklahoma City)	8.5 SE;RR NE	1269	78h R2 L5 S6	62,91,100 oct.JP-1.NAPC. (A)
Wheatley Airpark (Moore)	0.6 NE;hwy W	1273	24 S6	73 oct.
Wiley Post (Oklahoma City)	7.9 NNW;hwy E	1216	30 S6	80,91 oct.Trees S.
WILL ROGERS (Oklahoma City)	7.5 SW;hwy E	1283	57h R2 L5 S6	80,91,100 oct.

TEXAS

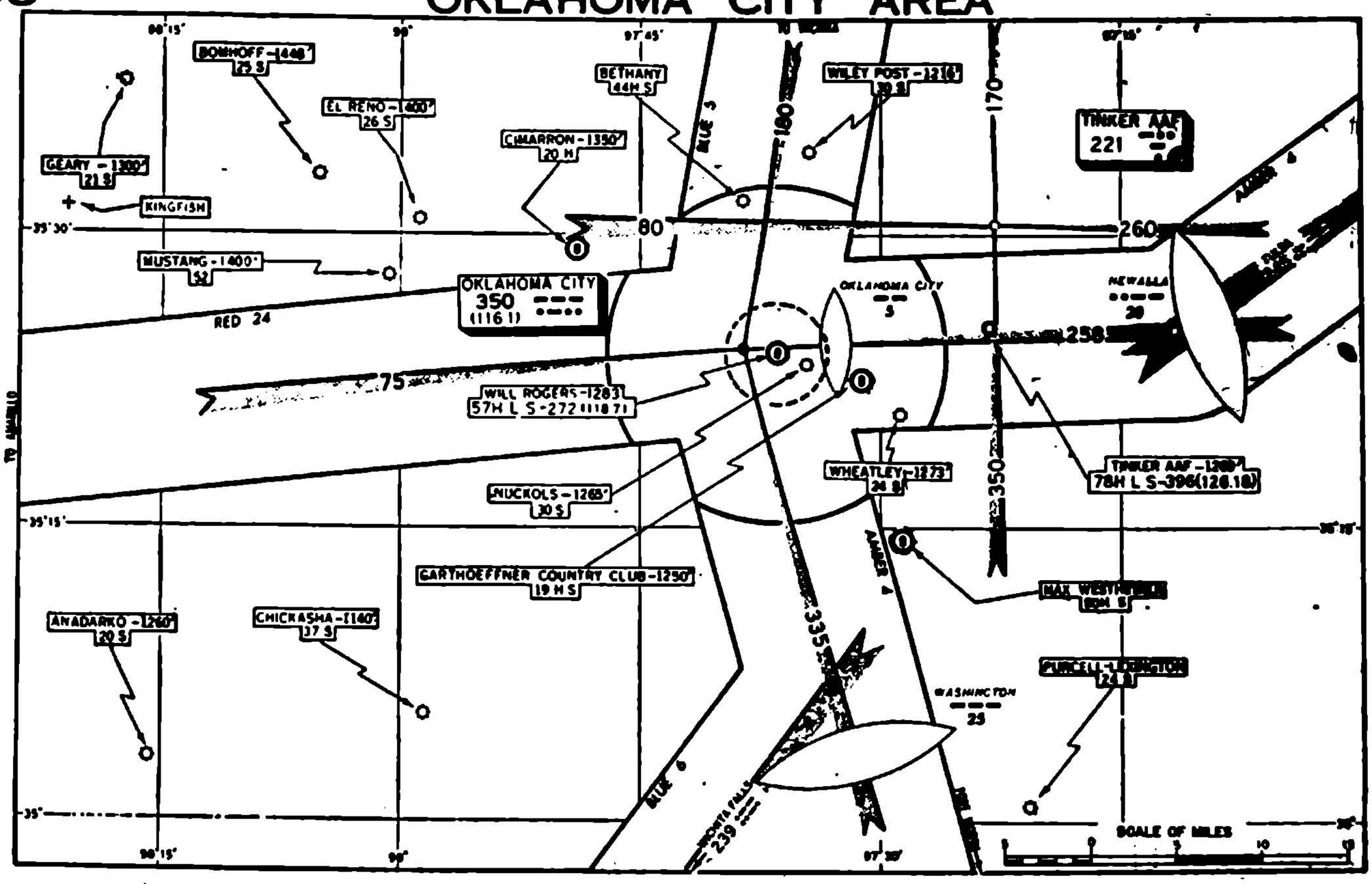
(N) Arlington-Midway	6.8 NNE;RR S	567	41h L5	Poles S.
(N) " OLP (N)	4 SSW;rd W	695	13h	
Clearview (Dallas)	5.1 SSW;RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
(N) Eagle Mtn Lake MCAS (Newark) (N)	1 SSE;RR NE	745	60h	INACTIVE.
(P) Ellis Co. (Waxahachie)	3.5 NE;RR S	585	31 S2	73 oct.Pole line S.
Fliers (Dallas)	6.2 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
(A) Fort Worth AAF (A)	6.8 WNW;lake N	636	73h R1 L5 S6	73,91,100 oct.JP-1.
(N) Grand Prairie OLP (N)	1 WSW;RR N	529	30h L5 S4	73 oct.No ben.
Handley	0.6 NE;RR S	630	26 S6	73 oct
(A,N) Hensley (Dallas)(A)(N)	11 WSW;hwy N	495	52h R1 L5 S4	73,91,100 oct.
Hicks (Fort Worth)	12.5 NNW;1k W	820	27	
Hudson (Dallas)	9.6 NE;RR SE	614	17h S6	80,91 oct.Pole line W.
Lou Poote (Dallas)	8.8 S;hwy E	665	35 S6	73,80,91 oct. Bldgs N,NE.
LOVE (Dallas)	5 NNW;RR SW	483	52h R3 L6 S6	73-100 oct, Poles S.
Luscombe (Garland)	2.2 WSW;RR N	610	50 S5	80 oct.No storage.
McKinney	2.1 S;hwy W	616	23 S2	80 oct.Poles E,W.
(P) MEACHAM (Fort Worth)	5.5 NNW;hwy NE	692	42h R3 L6 S6	73,80,91,100 oct.
Midwest (Fort Worth)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts.Pole line W,S.
Mustang (Dallas)	6 NNE;hwy NE	604	32 S6	80,91 oct.
(N) Russell (Fort Worth)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Second Avenue (Dallas)	7 SE;RR N	530	26 S1	73,80 oct.Use strips.Poles S.
Skyline (Dallas)	3.2 SSE;riv E	430	26 S6	80,91 oct. Trees NW.
T. C. U. (Fort Worth)	6.6 SW;RR S	710	24 S6	80.91 oct.
Wallace (Terrell)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W;hwy N	490	13	
Waxahachie	1.5 SSW;hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.

NEW AIRPORTS

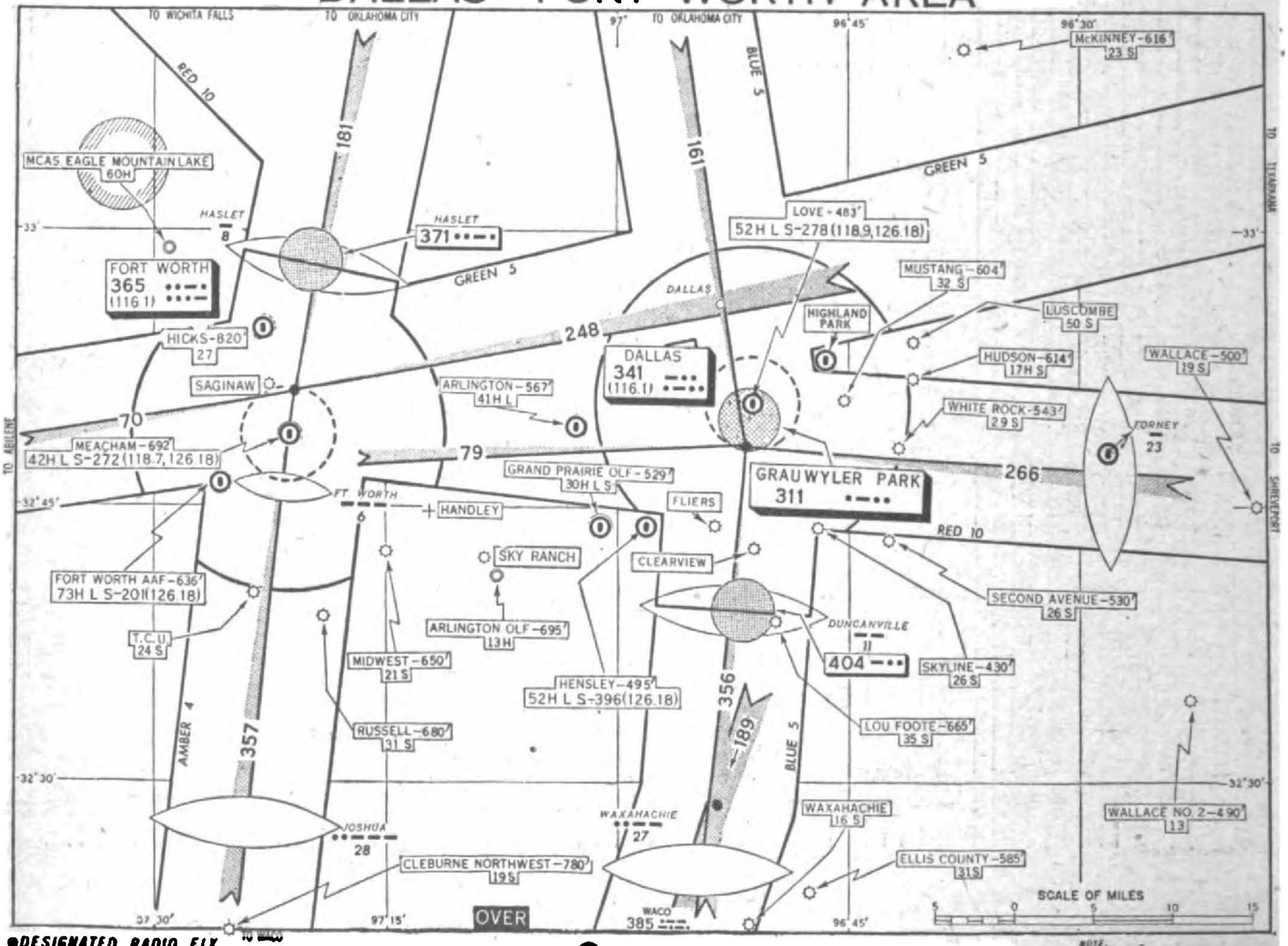
Sky Ranch (Arlington,Tex.)	3 SW; RR N	590	25 S2	80 oct.
Saginaw (Tex.)	0.5 WNW;RR E	790	26 S6	80,91 oct.
Kingfish (Hinton,Okla)	3 N; hwy N		19 S1	80 oct. Data Unverified.
Highland Park (Dallas, Tex.)	9 N; RR E	622	27h L S6	80,91 oct.P-line E.Ctc lgts N/S rnwy.Data unver.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page 181) (NC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY AREA



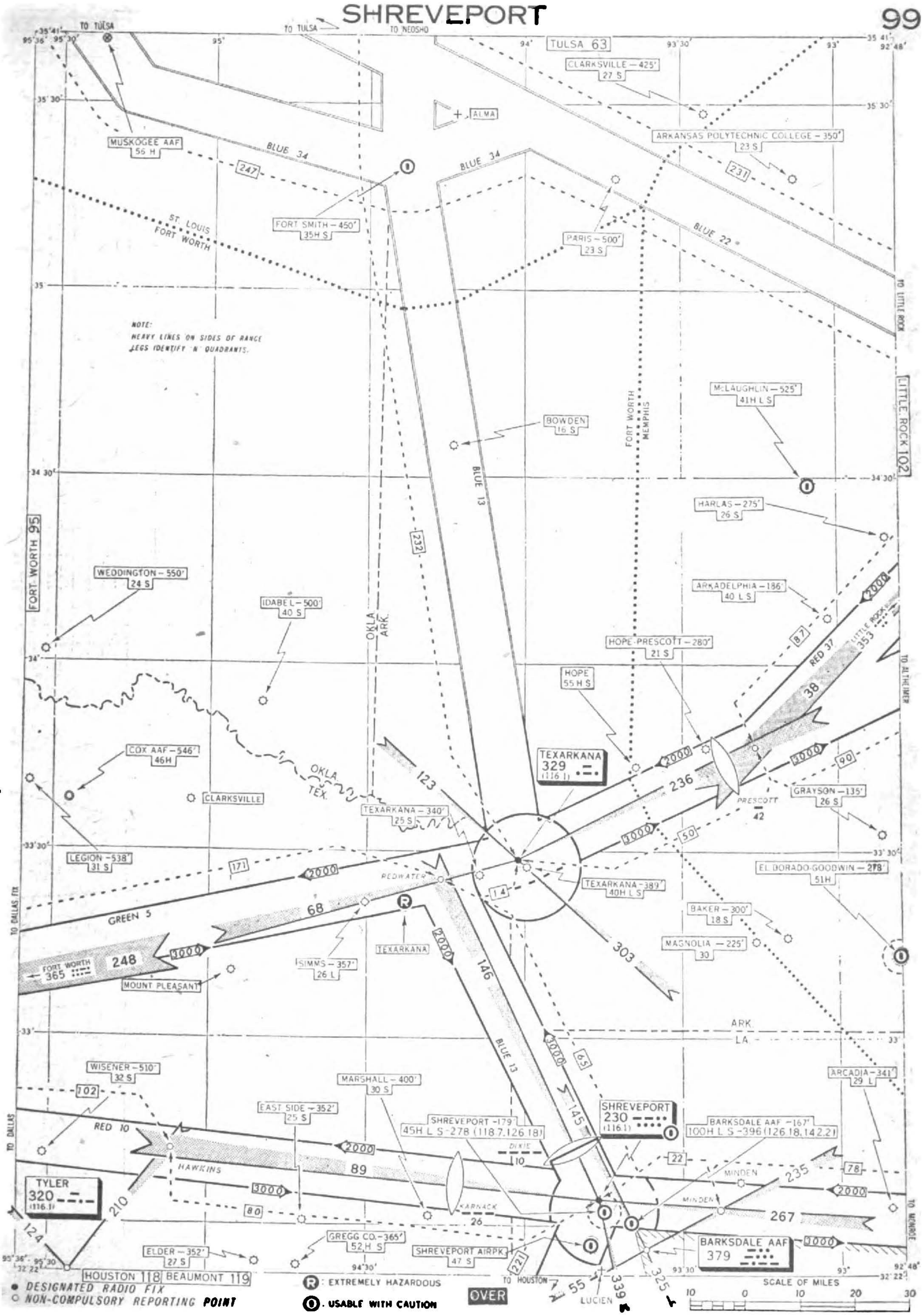
DALLAS - FORT WORTH AREA



●DESIGNATED RADIO FIX
○NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓛ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
MUSKOGEE AAF
56 H
BLUE 34
247
ARKANSAS POLYTECHNIC COLLEGE – 350'
23 S
231
BLUE 34
FORT SMITH – 450'
35H S
ST. LOUIS
FORT WORTH
PARIS – 500'
23 S
BLUE 22
TO LITTLE ROCK
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY 'N' QUADRANTS.
LITTLE ROCK 102
McLAUGHLIN – 525'
41H L S
BOWDEN
16 S
FORT WORTH
MEMPHIS
BLUE 13
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
40 S
OKLA.
ARK.
232
ARKADELPHIA – 186'
40 L S
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
RED 37
38
TO ALTHEIMER
OKLA.
TEX.
COX AAF – 546'
46H
CLARKSVILLE
TEXARKANA – 340'
25 S
123
TEXARKANA
329
(116.1)
2000
236
3000
90
GRAYSON – 135'
26 S
PRESCOTT
42
50
LEGION – 538'
31 S
171
REDWATER
TEXARKANA – 389'
40H L S
EL DORADO-GOODWIN – 278'
51H
14
GREEN 5
68
BAKER – 300'
18 S
TO DALLAS FTX
FORT WORTH
365
248
MOUNT PLEASANT
SIMMS – 357'
26 L
TEXARKANA
2000
146
303
MAGNOLIA – 225'
30
ARK
LA
BLUE 13
3000
65
WISENER – 510'
32 S
102
MARSHALL – 400'
30 S
ARCADIA – 341'
29 L
EAST SIDE – 352'
25 S
SHREVEPORT – 179'
45H L S-278 (118.7,126.18)
SHREVEPORT
230
(116.1)
BARKSDALE AAF – 167'
100H L S-396 (126.18,142.2)
145
DIXIE
10
22
78
TO DALLAS
RED 10
HAWKINS
89
2000
MINDEN
235
MINDEN
TYLER
320
(116.1)
210
3000
80
KARNACK
26
267
2000
124
GREGG CO. – 365'
52 H S
BARKSDALE AAF
379
3000
ELDER – 352'
27 S
SHREVEPORT AIRPK
47 S
221
TO MONROE
95°36' 95°30'
32°22'
94°30'
93°30'
93°
92°48'
HOUSTON 118 BEAUMONT 119
TO HOUSTON
55
339
LUCIEN
325
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R : EXTREMELY HAZARDOUS
O . USABLE WITH CAUTION

OVER

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4); 116.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
Barksdale Field	396(126.18,142.2)	CA(ILS):325°,4.4	(3); 126.18,142.2
DIXIE FM	(- - - -) +	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,
[redacted]			
KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ)(116.1)	BMRLZ-VDT:120°,1.6	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE, (Shreveport,La.)	110.3	335	323°Mag.	IM- (0.07)	MM- (1.00)	OM- (4.39)
					MMK-	OMK-
	109.9		143°Mag.	IM- (0.25)	MM- ·····(0.64)	OM- -- (4.35)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice: W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1 137.88 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct. Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct. Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct. Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct, 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR 1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct. Lgts prior req. Use rnwy.
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct Bldg,twr N All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E
Paris	1.8 NE,RR 1 S	500	23 S1	73 oct. Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake (Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct. Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct. Trees sur fld.
Northeast Aviation (Bastrop)	2 WSW	90	17 S4	80 oct. No sto. Data unver.
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct. Pole line SE.

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(A) Muskogee AAF(A)	5.5 S,RR W	610	56h	Hill SW. CLOSED
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.
[redacted]				
Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO FACS
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct. Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct. Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct. Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
★ Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct. Flare pots in emerg
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

NEW AIRPORTS

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing. (See page 1x) NC-(not charted) → New or revised data

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5,122.5 (7-23)
BRUINS FM	(- . - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-VDT,313°,3.8	(3); 116.1
STUTTGART	269 (DSA)	MRLWZ,173°, 4.7	
[redacted]			
MONROE (Selman)	358 (UO)(116.1)	SBMRLZ-VDT,265°,2.8	(4); 116.1
[redacted]			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD	281 (GD)(116.1)	BMLZ-VDT, 265°,1.9	(4); 116.1
JACKSON	260 (JA)(116.1)	SBRAZ-VDT,173°,2.4	(3); 116.1,122.1
NESBITT FM	(- . - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	362 (VS)(116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

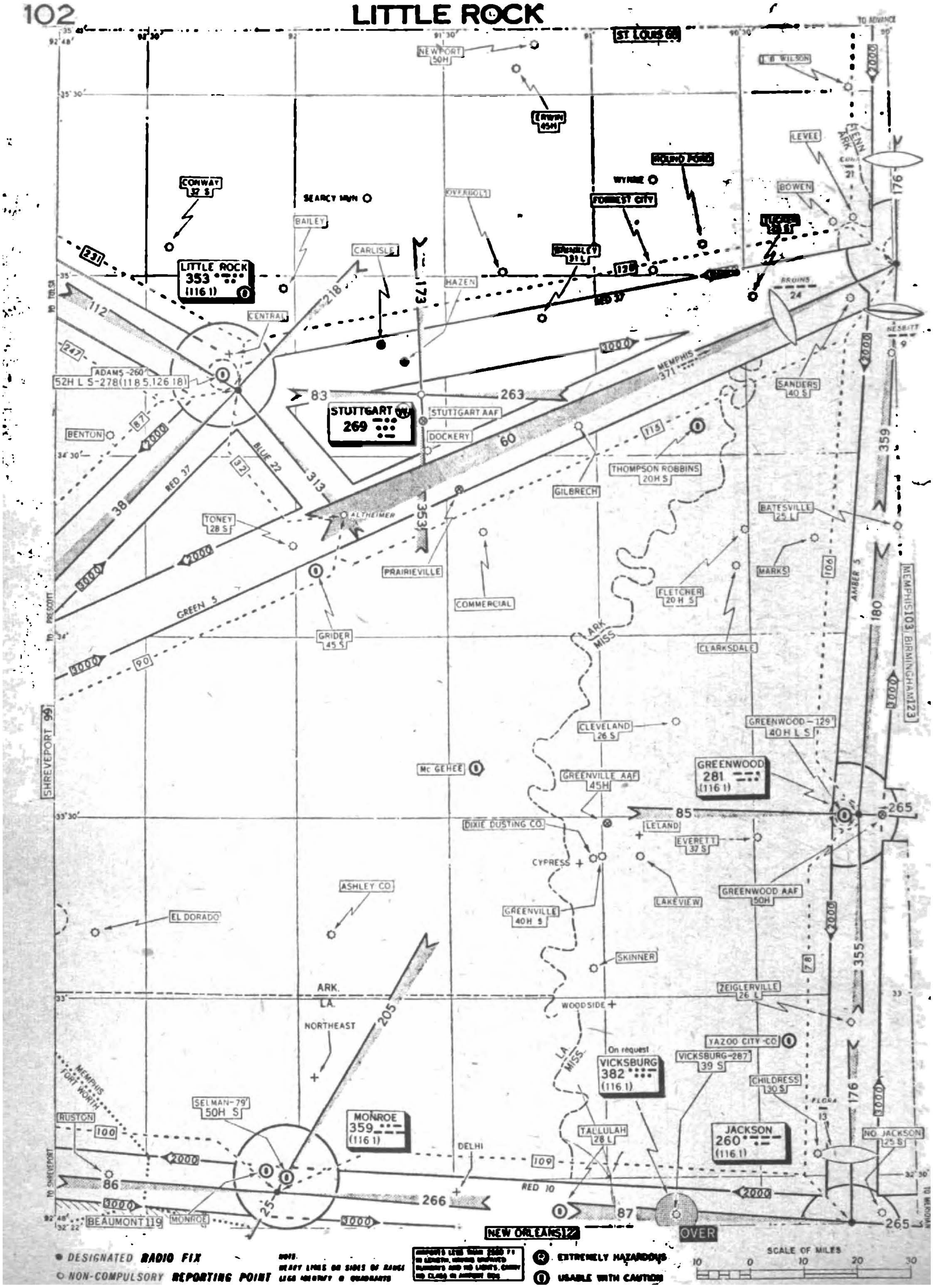
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.;73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1 5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart)(A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbreth (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart)(A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart)(A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2 8 S,RR E	260	14 S1	80 oct. Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW, RR S	242	20h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

h-hard surfaced [redacted] R radio facilities L lighting facilities S servicing (See page 12) NC (not charted) → New or revised data

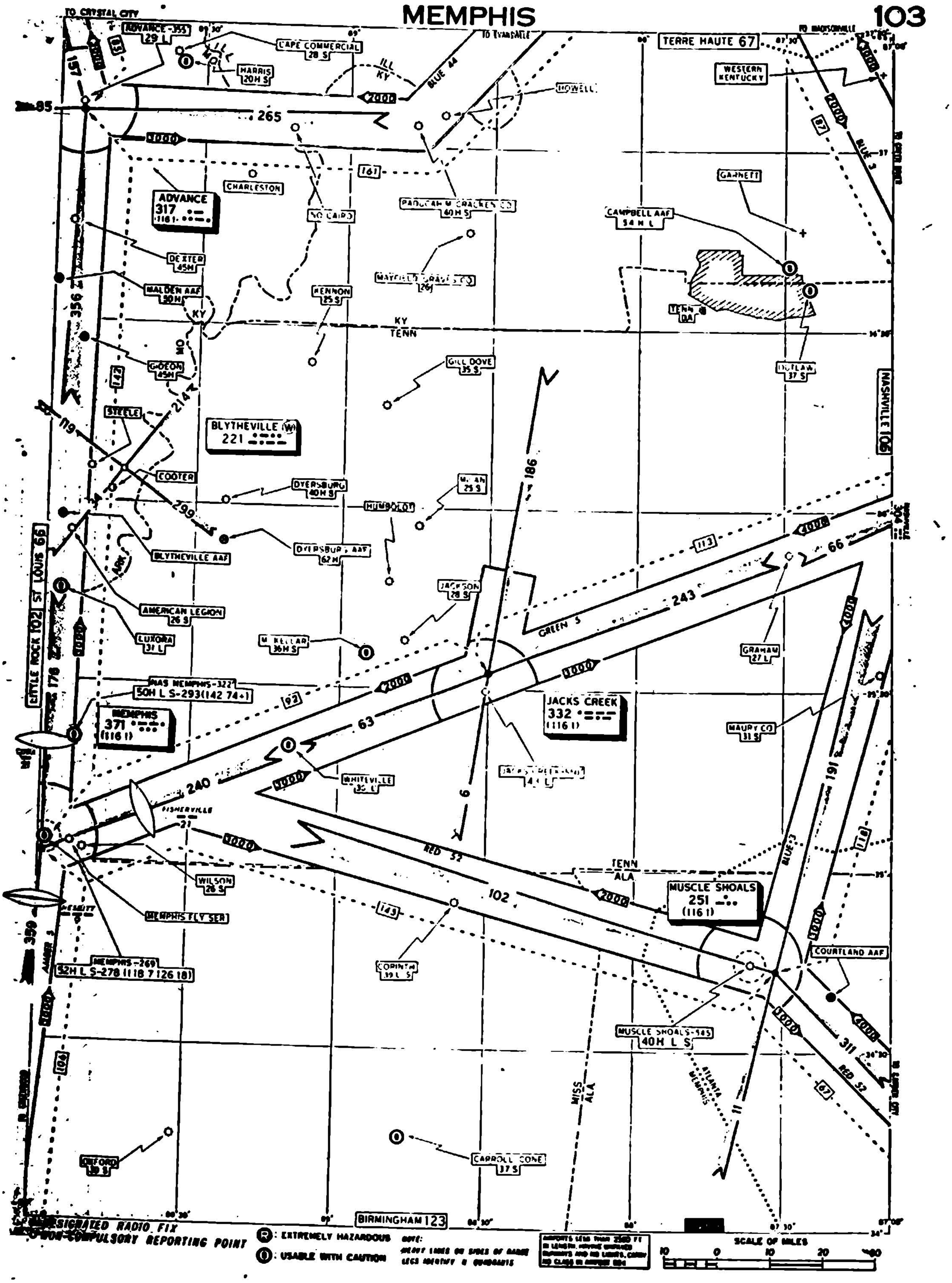
ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
Wright (Monticello)	1 ENE,hwy S	230	15	Pole line S.
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
LOUISIANA				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy
(P) SELMAN (Monroe)	4.6 E,RR N	79	50h R1 L5 S1	80,91,100 oct. Lgts hard surface
* Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S. prior req.
[redacted]				
Augustine (Jackson)(NC)	11 5 NE,riv SE	335	40	
* Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1 5 NNW,RR E	186	30 S1	73 oct,Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	73,80 oct.Pole line E,SE.
(A) Greenwood AAF(A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
* Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
NEW AIRPORTS				
Lee (Canton,Miss.)(NC)	1 4 WNW,RR E	300	38	Tank E
Monroe Arpk (La)	1 5 N;RR N		26 S6	80 oct. Pwr line N.
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct Data unver

LITTLE ROCK


TO ADVANCE
ST LOUIS 68
NEWPORT 50H
ERWIN 45H
I 8 WILSON
LEVEE
ETENN ARK
176
CONWAY 32 S
SEARCY MUN
BAILEY
COVERDELL
WYNNE
FORREST CITY
OSCEOLA
BOWEN
TUNICA 25 S
231
LITTLE ROCK 353 (116 I)
CARLISLE
218
173
HAZEN
CENTRAL
112
247
ADAMS -260
52H L S-278(118 S,126 I8)
BROWNSVILLE (T) 31 L
120
BRUINS 24
NESBITT
3000
MEMPHIS 371
SANDERS 40 S
83
263
STUTTGART 269
STUTTGART AAF
DOCKERY
BENTON
87
2000
60
115
BLUE 22
RED 37
32
313
38
ALTHEIMER
TONEY 28 S
353
THOMPSON ROBBINS 20H S
GILBRECH
359
BATESVILLE 25 L
PRAIRIEVILLE
COMMERCIAL
FLETCHER 20 H S
MARKS
106
AMBER 5
GREEN 5
GRIDER 45 S
ARK MISS
CLARKSDALE
180
MEMPHIS 103 BIRMINGHAM 123
PRESCOTT
90
CLEVELAND 26 S
GREENWOOD – 129' 40 H L S
SHREVEPORT 99
Mc GEHEE
GREENVILLE AAF 45H
GREENWOOD 281 (116 I)
85
265
DIXIE DUSTING CO.
LELAND
EVERETT 37 S
CYPRESS
ASHLEY CO
LAKEVIEW
GREENWOOD AAF 50H
EL DORADO
GREENVILLE 40 H S
SKINNER
78
355
ZEIGLERVILLE 26 L
ARK.
LA.
WOODSIDE
NORTHEAST
205
LA MISS
On request
VICKSBURG 382 (116 I)
YAZOO CITY -CO
VICKSBURG-287 39 S
CHILDRESS 30 S
MEMPHIS FORT WORTH
SELMAN-79' 50H S
MONROE 359 (116 I)
TALLULAH 28 L
JACKSON 260 (116 I)
NO JACKSON 25 S
RUSTON
100
DELHI
109
RED 10
86
266
87
25
BEAUMONT 119
MONROE
NEW ORLEANS 12
OVER
SCALE OF MILES
10 0 10 20 30
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
Q EXTREMELY HAZARDOUS
① USABLE WITH CAUTION

MEMPHIS


TO CRYSTAL CITY
ADVANCE-355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
ILL
KY
BLUE 44
TO EVANSVILLE
HOWELL
TERRE HAUTE 67
WESTERN KENTUCKY
TO MADISONVILLE
GARNETT
CAMPBELL AAF
34 H L
ADVANCE
317
(116)
CHARLESTON
MO CAPE
PADUCAH M CRACKEN CO
40H S
MAYFIELD GRAVES CO
26H
DEXTER
45H
MALDEN AAF
30H
KENNON
25 S
KY
TENN
YENN DA
OUTLAW
37 S
GILL DOVE
35 S
GIDEON
45H
STEELE
BLYTHEVILLE
221
COOTER
DYERSBURG
40H S
HUMBOLDT
M AN
25 S
BLYTHEVILLE AAF
DYERSBURG AAF
62H
JACKSON
28 S
AMERICAN LEGION
26 S
LUXORA
31 L
M KELLAR
36H S
GREEN S
GRAHAM
27 L
NAS MEMPHIS-322
50H L S-293(142 74+1)
MEMPHIS
371
(116)
JACKS CREEK
332
(116)
MAURY CO
31 S
WHITEVILLE
30 L
FISHERVILLE
21
WILSON
28 S
MEMPHIS F(V)SER
MEMPHIS-269
52H L S-278 (118 7 126 18)
CORINTH
39 L S
TENN
ALA
MUSCLE SHOALS
251
(116)
COURTLAND AAF
MUSCLE SHOALS-585
40H L S
MISS
ALA
ATLANTA
MEMPHIS
OXFORD
19 S
CARROLL CONE
37 S
BIRMINGHAM 123
TO ST LOUIS
TO NASHVILLE
TO LITTLE ROCK
157
356
119
214
299
186
113
66
243
63
240
92
149
102
191
311
85
265
231
67
UNDESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS INDICATE A QUADRANTS
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SIGN
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
		ALABAMA	
→ MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 262°, 4.6	(4); 116.1
		ARKANSAS	
→ BLYTHEVILLE	221 (LY)	RLWZ; 226°, 14.2	
		KENTUCKY	
		MISSISSIPPI	
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
		MISSOURI	
ADVANCE (Int.)	317(AF)(116.1)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
		TENNESSEE	
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);122.5,118.7. See Notice to Airman
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
		NEW RADIO FACILITIES	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS, TENN.	109.9 •—•• ••••	333.8	90° Mag.	IM-	MM- •—•—(0.66)	OM- ——(4.9)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W Without Voice Z VHF Range Station Location Marker (3) 3105 4495 6210 kcs. (4) 3105 4495 6210 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice →—Army ACS transmits on and guards 116.1 137.88, 140.58 mcs

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
		ALABAMA		
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct.
		ARKANSAS		
American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct. Pole line N,W Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
		ILLINOIS		
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
		KENTUCKY		
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct. Data unverified
Howell (Paducah)	4 WNW;RR S	371	21 S6	80 oct.
Mayfield-Graves County	3.6 ENE;hwy S	543	26	
PADUCAH-McCRACKEN CO (Paducah)	8.8 W;RR N	405	40h L1 S6	80, 91 Oct. No Sto.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct. Data unver.
		MISSISSIPPI		
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct.
(P)Oxford	8 S;riv N,W	400	30 S2	73 Oct
		MISSOURI		
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE;RR NW	300	31 S2	80 Oct Poles S
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW;hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston)(NC)	2 NE;RR S	315	66	Pole line W. Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
		TENNESSEE		
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE,riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct. No Sto. Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct
Maury County (Mt Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73, 91, 100 Oct JP-1. Radio required. Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11SE;RR 3 NW	286	35 L4 S6	80, 91 Oct. Pole line S No bcn. Lgts prior req. Rnwy lgtg info unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	91, 100 Oct NATS.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	
		NEW AIRPORTS		

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 23	Birmingham
KENTUCKY			
BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)
TENNESSEE			
→BERRY (Nashville)	278(118.3,126.18)	AC (ILS)246°,2.0	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3); 116.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 29	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
→KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
→NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18)+	CA (ILS)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
NASHVILLE, TENN.(Berry)	109.9		14° Mag.	IM-	MM- (0.31)	OM- (4.17)
					MMK-	OMK-
SMYRNA AAF (Nashville Tenn.)	109.5	335	230° Mag.	IM- (0.04)	MM- .....(0.81)	OM- --(4.31)
					MMK-	OMK-

S-Small Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3) 3105 4495 6210 kcs (6) 3105 4495 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice ✦—Army ACS transmits on and guards 116.1 127.88, 140.58 mcs

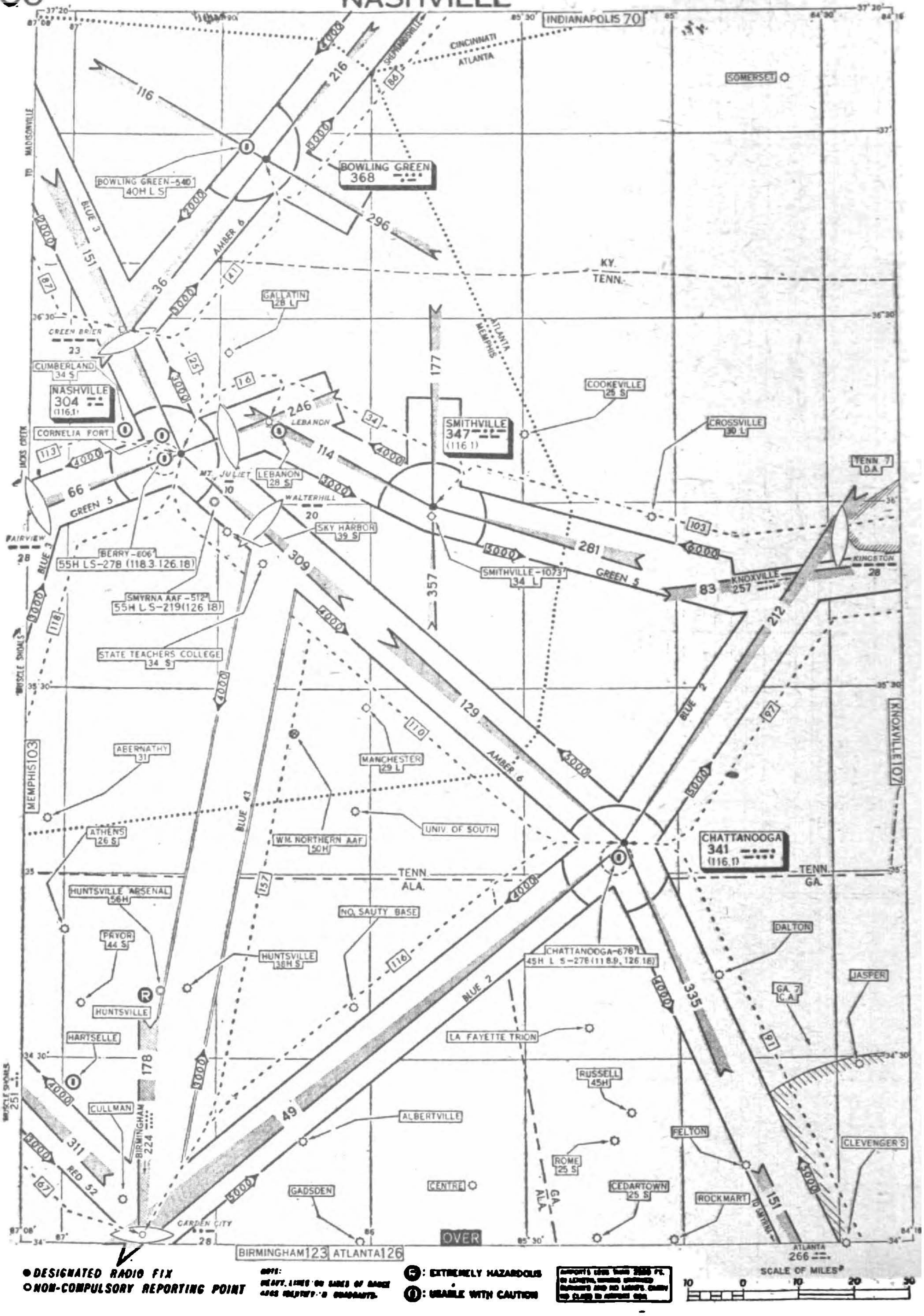
AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct.SSE appr blocked.
Cullman	5SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1NW;hwy E	600	30	
Hartselle	1WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

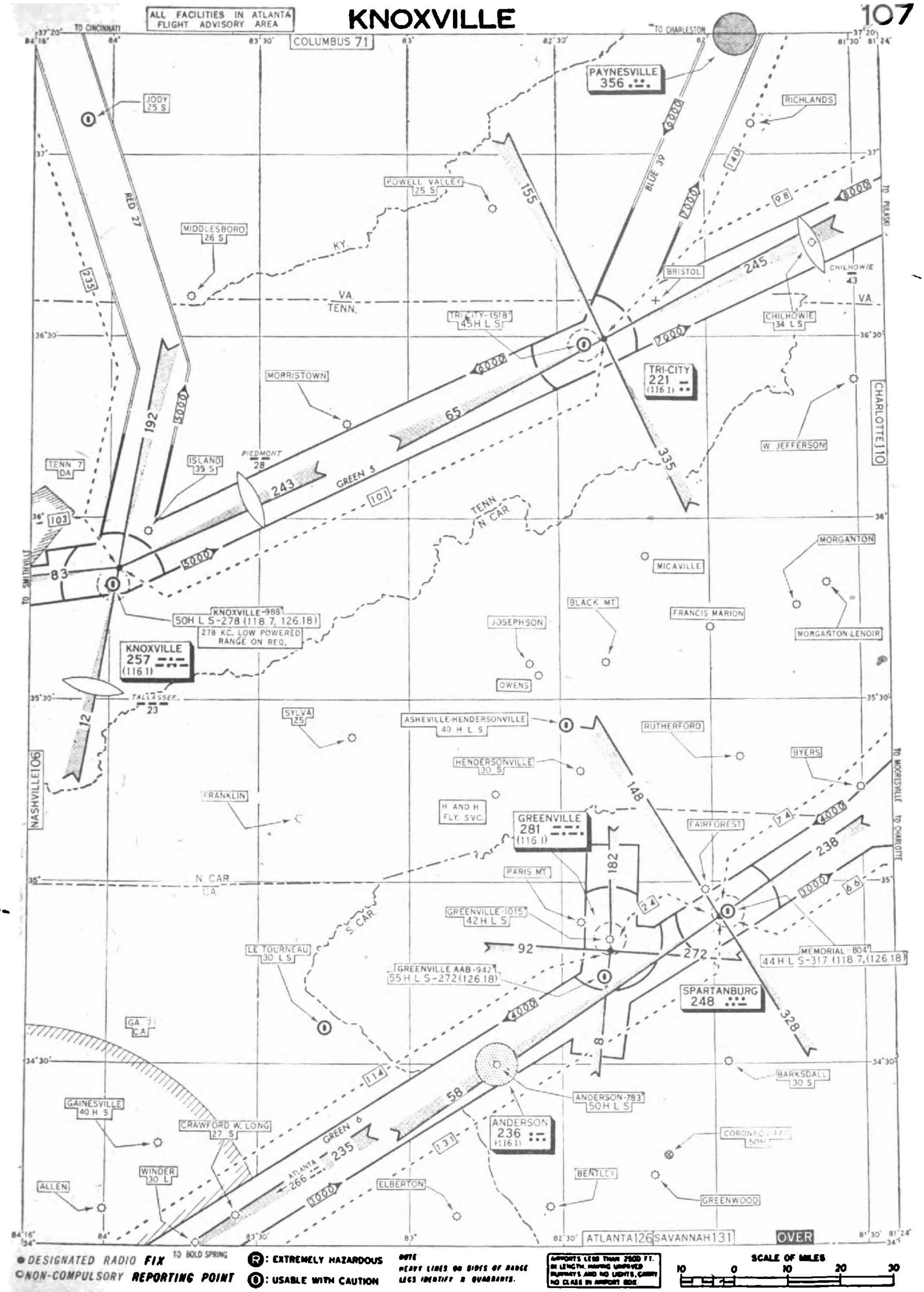
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(P)Russell (Rome)	7 N;hwy W	644	45h	
KENTUCKY				
(P)Bowling Green	2.5SSE;hwy W	540	40h R1 L5 S4	80,91 oct.No storage. Fld lgts prior req.
Somerset	5 N; RR W		20 S2	80 oct.Data unverified.
TENNESSEE				
(P)Abernathy(Pulaski)	3.6SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P)BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct.Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
★ Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8SW;hwy E	522	28 S6	73 oct. No storage.
★ Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct.No sto.Poles NE.
✦ Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3	
(A)Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S6	73,91,100 oct.JP-1.No rng.
• State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct.No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.
NEW AIRPORTS				

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page ix) NC-(not charted) → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 70
CINCINNATI
ATLANTA
SOMERSET
BOWLING GREEN
368
BOWLING GREEN-540
40H L S
BLUE 3
AMBER 6
KY.
TENN.
GALLATIN
28 L
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
CORNELIA FORT
LEBANON
246
MT. JULIET
LEBANON
28 S
WALTERHILL
20
SKY HARBOR
39 S
SMITHVILLE
347
(116.1)
COOKEVILLE
25 S
CROSSVILLE
30 L
SMITHVILLE-1073
34 L
BERRY-606
55H LS-278 (118.3 126.18)
SMYRNA AAF-512
55H L S-219(126.18)
STATE TEACHERS COLLEGE
34 S
KNOXVILLE
257
KINGSTON
28
TENN 7
D A
ABERNATHY
31
MANCHESTER
29 L
WM. NORTHERN AAF
50H
UNIV. OF SOUTH
ATHENS
26 S
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
NO. SAUTY BASE
HUNTSVILLE
HARTSELLE
CULLMAN
BIRMINGHAM
224
TENN.
ALA.
CHATTANOOGA
341
(116.1)
TENN.
GA.
CHATTANOOGA-670
45H L S-276 (118.9, 126.18)
DALTON
GA. 7
C.A.
JASPER
LA FAYETTE TRION
RUSSELL
45H
ROME
25 S
CEDARTOWN
25 S
ROCKMART
FELTON
CLEVENGER'S
ALBERTVILLE
GADSDEN
CENTRE
GARDEN CITY
28
ATLANTA
266
BIRMINGHAM 123
ATLANTA 126
OVER
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

KNOXVILLE


ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
COLUMBUS 71
TO CINCINNATI
TO CHARLESTON
PAYNESVILLE 356
JODY 25 S
RICHLANDS
POWELL VALLEY 25 S
MIDDLESBORO 26 S
RED 27
BLUE 39
155
140
98
6000
7000
8000
KY
VA
TENN
BRISTOL
245
CHILHOWIE 43
TO PULASKI
TRI-CITY-1518 45H L S
CHILHOWIE 34 L S
MORRISTOWN
TRI-CITY 221
192
5000
65
7000
W JEFFERSON
CHARLOTTE 110
TENN 7 DA
ISLAND 35 S
PIEDMONT 28
243
GREEN 5
101
335
TENN
N CAR
103
83
TO SMITHVILLE
KNOXVILLE-988 50H L S-278 (118.7, 126.18)
278 KC. LOW POWERED RANGE ON REQ.
KNOXVILLE 257 (116.1)
MICAVILLE
MORGANTON
JOSEPHSON
BLACK MT
FRANCIS MARION
MORGANTON-LENOIR
OWENS
TALLASSEE 23
12
SYLVA 25
ASHEVILLE-HENDERSONVILLE 40 H L S
RUTHERFORD
BYERS
HENDERSONVILLE 30 S
NASHVILLE 106
FRANKLIN
H AND H FLY. SVC.
GREENVILLE 281 (116.1)
148
FAIRFOREST
74
4000
238
182
PARIS MT
N CAR
S CAR
GA
24
66
3000
TO MOORESVILLE TO CHARLOTTE
GREENVILLE-1015 42H L S
LE TOURNEAU 30 L S
92
272
MEMORIAL-804 44H L S-317 (118.7, 126.18)
GREENVILLE AAB-942 55H L S-272 (126.18)
SPARTANBURG 248
328
4000
8
114
58
BARKSDALL 30 S
ANDERSON-783 50H L S
GAINESVILLE 40 H S
CRAWFORD W. LONG 27 S
GREEN 6
235
ATLANTA 266
131
ANDERSON 236 (116.1)
CORONACA 50H
WINDER 30 L
ELBERTON
BENTLEY
ALLEN
GREENWOOD
1000
84°16' 34°
84°
83°30'
83°
82°30'
81°30'
81°24'
37°20'
37°
36°30'
36°
35°30'
35°
34°30'
34°
ATLANTA 126
SAVANNAH 131
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
TO BOLD SPRING
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY R QUADRANTS.
AIRPORTS LESS THAN 3500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS D AIRSPACE SIDE.
SCALE OF MILES
10 0 10 20 30

RADIO

SOUTH CAROLINA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ANDERSON	236(AS)(116.1)	MHVT	(4):116.1
→GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 02°, 1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°, 1.6	(4):118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248 (SU)	SBRAZ-DT,58°,1.6	(3)

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.8	(4): 118.7, 126.18, 122.5
Knoxville Airport	278	(Low powered range)	(4)(on req.)
→PIEDMONT FM	(- -)	FM, 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TD)(116.1)	SBMRAZ-VDT, 252°, 3.3	(4), 116.1

VIRGINIA

CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE, TENN.	110.3	335	40°Mag.	IM-	MM- ·-·- (0.6)	OM- -- (4.5)
					MMK-	OMK-

S-Simul Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (S)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

[redacted]S

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	3 S,hwy E	1240	25 S2	80 oct.
Middlesboro	1.2 W,hwy S	1150	26 S4	80 oct.

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct, Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
H&H Flying Service (Brevard)	1.5 ENE;Riv S RR N	2140	20 S1	80 oct. P-Line WNW
Micaville	1 S; RR W	2500	21	N, S blocked
Owens (Asheville)	2.3 SSW; RR E	1988	25 S6	80,91 oct

[redacted]

→Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts.Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood)
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
(N) GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct.No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
→(P) MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military.
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.
→Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified

CHARLOTTE

LOCATION	FREQ..IDENT.	STA. CLASS, BEAR & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BML2-VDT,359°, 1.7	(3), 116.1
DOUGLAS ARPT (Charlotte)	396(126.18, 118.9)	C	(6), 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-VDT	(3), 116.1
Greensboro-High Point Airport	219(126.18, 116.2)	C, 241°, 1.5	(4);118.7,126.18,122.5
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3), 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS),355°, 2.5	(3), 116.1 126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(118.1)	SBRAZ VDT(ILS) 299°, 3.8	(4), 116.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4), 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ,328°, 5.1	
SOUTH CAROLINA			
FLORENCE	239 (FLO)(116.1)	SBMRLZ-VDT, 297°,1.7	(4), 116.1
VIRGINIA			
DANVILLE	344(VE)	NDBW	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4), 116.1
ROANOKE (Woodrum Field)	317(RO)(116.1)	SBRAZ VDT, 349°,2	(3), 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5,118.5,126.18

INSTRUMENT LANDING SYSTEMS

POPE, Ft. Bragg, N.C.	110.3	335	3609 Mag	(0.04)	(4.60)	(4.18)
RALEIGH, N.C.	109.5	333.8	500 Mag	(0.62)		(4.5)

S Serial Range and Beacon W Without Beacon Z Visual Range Station Locator Marker (see page 601) Letters after 3105 4395 & 10 Jr. 7.5 key Parenthetical Numbers or Frequency Colors indicate VHF Omni ... Army ACS transmits on frequencies 116.1 118.3 130.6 mcs

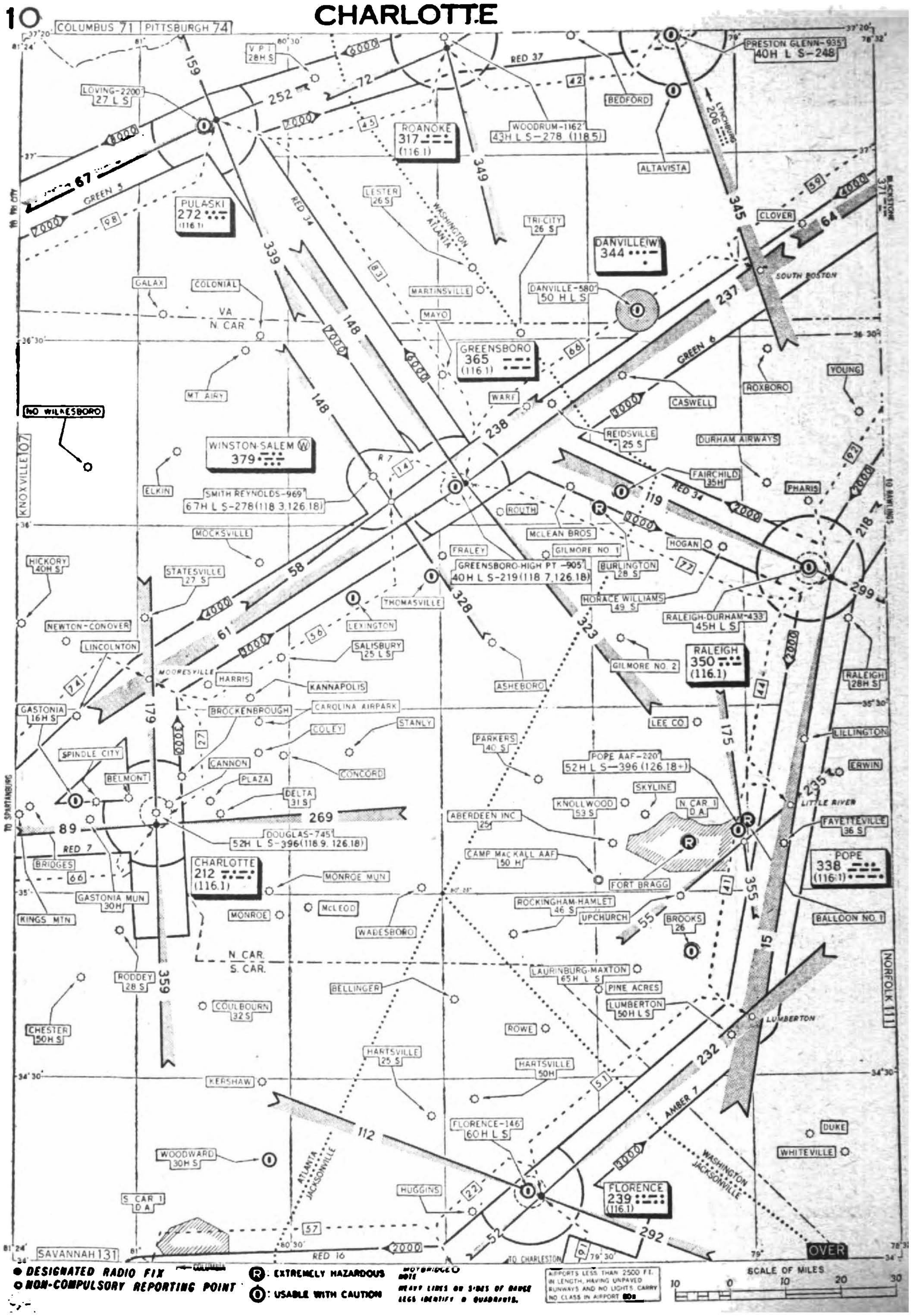
AIRPORTS — NORTH CAROLINA

AIRPORT CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts Sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW
(A)Ballon (Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct No sto P line WNW
Bridges (Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct Pole line SSE
Brooks (Red Springs)	1.2 S,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	28 S6	80 oct. Pole line S.
Burris (Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT NO FACS
Candor (NC)	1.1 E,RR N	710	19	Pole line WSW.
Cannon (Charlotte)	3 WNW,hwy S	760	26 L S6	80,91 oct Flashlights req.
Carolina Arpt Inc (Kannapolis)	3.1 SSE,RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W, hwy 1	640	20 L S2	80 oct Flare pots prior
Coley (Concord)	2 SW,RR E	790	12 S1	80 oct Trees ESE
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct Pole line,trees NNW
Concord	4.5 ESE,rd,RR S	700	19 S2	80 oct Pole line NE

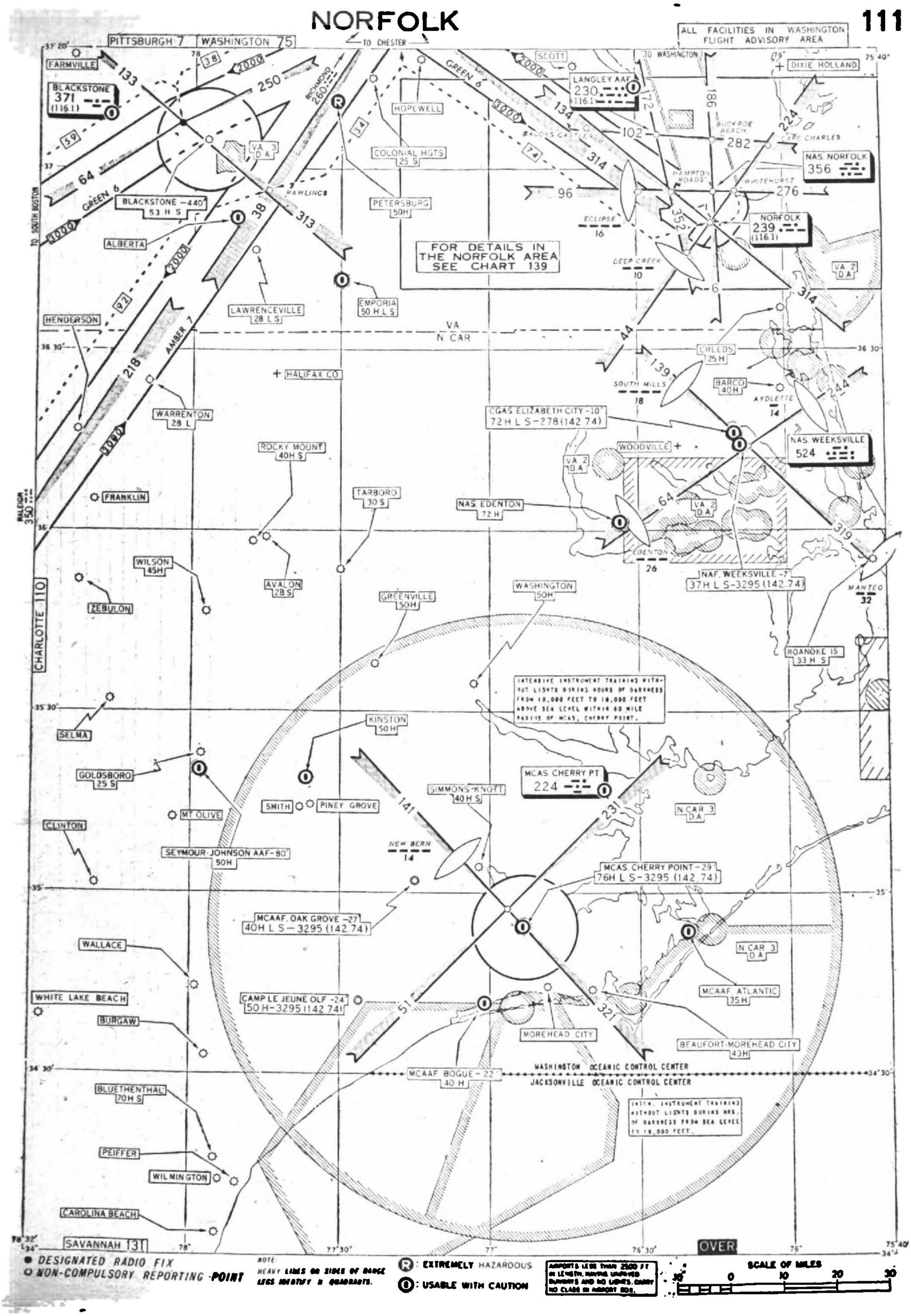
AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 A6	80,91 oct. No std. Poles NW
(A)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h P2 L5 S6	80,91 oct 116.1 prt Army
Durham Airways	7.8 N,RR E	480	15 S4	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rwy calc unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S
Fairchild-Civil (Burlington)	1.5 E,RR S	640	35h	
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct,Strips rough. Trees SE.
Gastonia	1.5 SW	795	16h S4	80 oct.Pwr line SSW.
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L	Port rowy lgts.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No 2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE
GREENSBORO HIGH POINT	8 WNW,RR SW	905	10h R2 L5 S6	80,91,100 oct.
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct.Trees SSE
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct
Knollwood (Pinehurst)	5 NE,hwy W	455	50 L5 S4	80,91 oct
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW
Lilliston	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	30h L2 S6	80,91 oct. Hwy SSW.
Mc Lean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, mun	2.8 SSE	600	20 S2	80 oct.
Monroe, mun	2 NNW,hwy S	680	20 S1	80 oct. Trees NW
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2.5 E,RR, hwy E	1070	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers Eagle Spgs	1.8 NW,RR S	700	40 S1	80 oct.
Pharr (Dunn)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 SE,RR N	740	20 S6	80 oct
(A)Pope (Ft. Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	77,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH DURHAM (Raleigh)	10.5 NW,RR W	433	45h R3 L6 S4	80,91,100 oct No twr
Reidsville	3.2 SE,riv S	822	26 S6	80 oct.
(P)Rockingham Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR W	600	24 S2	80 oct.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Hiwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	795	19 S2	80 oct.
Stanly (Albemarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE
Thomasville	3.5 ESE	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Rayford)	0.5 NNE	255	15 S2	80 oct. RR SSW
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warl (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	16 S1	Lid 80 oct.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P)Chesner	8 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1.8 SW,hwy SW	580	32 S4	80 oct.
Florence	3.5 E,RR SW	148	60h R1 L5 S1	80,91 oct.
Harlyville	2.1 NNE.	230	25 S2	80 oct. Hwy E.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE hwy NW	148	18 S4	80 oct Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line E.
Rowe (Bennettsville)	1.5 NE	190	29 S2	80,91 oct. Trees SW.
P(Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.
VIRGINIA				
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Laster (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75 bldgs SE.
Loving, 25A, NA WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW No sto.
Martinsville	5.5 SSE, RR NE	600	15 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
Duke Fld (Cherbourn) (N.C.)	1 N; RR SW	96	20 S4	80 oct
Harris (Mooresville) (N.C.)	2.5 ESE, RR NW	900	14 S2	
Mc Leod (Wilmington)(N.C.)	1.5 SE; RR N	50	22 S4	80 oct No sto

CHARLOTTE


COLUMBUS 71 | PITTSBURGH 74
PRESTON GLENN-935
40H L S-248
LOVING-2200
27 L S
VPI
28H S
RED 37
BEDFORD
ROANOKE
317
(116.1)
WOODRUM-1162
43H L S-278 (118.5)
ALTAVISTA
LYNCHBURG
206
PULASKI
272
(116.1)
GREEN 5
RED 34
LESTER
26 S
WASHINGTON
ATLANTA
TRI-CITY
26 S
DANVILLE(W)
344
CLOVER
SOUTH BOSTON
GALAX
COLONIAL
VA
N CAR
MARTINSVILLE
MAYO
DANVILLE-580
50 H L S
GREENSBORO
365
(116.1)
GREEN 6
MT AIRY
WARF
CASWELL
ROXBORO
YOUNG
NO WILKESBORO
WINSTON-SALEM
379
REIDSVILLE
25 S
DURHAM AIRWAYS
ELKIN
SMITH REYNOLDS-969
67H L S-278(118.3,126.18)
FAIRCHILD
35H
PHARIS
ROUTH
MCLEAN BROS
GILMORE NO 1
HOGAN
FRALEY
GREENSBORO-HIGH PT -905
40H L S-219(118.7,126.18)
BURLINGTON
28 S
MOCKSVILLE
HICKORY
40H S
STATESVILLE
27 S
THOMASVILLE
HORACE WILLIAMS
49 S
RALEIGH-DURHAM-433
45H L S
NEWTON-CONOVER
LINCOLNTON
LEXINGTON
SALISBURY
25 L S
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
RALEIGH
350
(116.1)
RALEIGH
28H S
GASTONIA
16H S
BROCKENBROUGH
CAROLINA AIRPARK
COLEY
STANLY
LEE CO
LILLINGTON
SPINDLE CITY
CANNON
CONCORD
PARKERS
40 S
POPE AAF-220
52H L S-396 (126.18+)
BELMONT
PLAZA
DELTA
31 S
SKYLINE
ERWIN
KNOLLWOOD
53 S
N CAR 1
D A
ABERDEEN INC
25
LITTLE RIVER
FAYETTEVILLE
36 S
DOUGLAS-745
52H L S-396(118.9, 126.18)
CAMP MACKALL AAF
50 H
FORT BRAGG
POPE
338
(116.1)
CHARLOTTE
212
(116.1)
BRIDGES
MONROE MUN
ROCKINGHAM-HAMLET
46 S
UPCHURCH
BROOKS
26
BALLDON NO 1
GASTONIA MUN
30H
KINGS MTN
MONROE
McLEOD
WADESBORO
N CAR.
S. CAR.
LAURINBURG-MAXTON
65H L S
PINE ACRES
RODDEY
28 S
BELLINGER
LUMBERTON
50H L S
COULBOURN
32 S
ROWE
CHESTER
50H S
HARTSVILLE
25 S
HARTSVILLE
50H
KERSHAW
FLORENCE-146
60H L S
AMBER 7
DUKE
WHITEVILLE
WOODWARD
30H S
ATLANTA
JACKSONVILLE
HUGGINS
S CAR 1
D A
FLORENCE
239
(116.1)
WASHINGTON
JACKSONVILLE
SAVANNAH 131
RED 16
TO CHARLESTON
OVER
TO SPARTANBURG
TO RALEIGH
NORFOLK 111
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT RDB
SCALE OF MILES
10 0 10 20 30

NORFOLK


PITTSBURGH 7
WASHINGTON 75
TO CHESTER
ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
TO WASHINGTON
FARMVILLE
BLACKSTONE 371 (116.1)
BLACKSTONE -440 53 H S
ALBERTA
HOPEWELL
COLONIAL HGTS 25 S
PETERSBURG 50H
RICHMOND 260
SCOTT
LANGLEY AAF 230 (116.1)
DIXIE HOLLAND
BUCKROE BEACH
LAKE CHARLES
NAS. NORFOLK 356
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
VA 3 D A
VA 2 D A
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HENDERSON
VA
N CAR
CREEDS 25 H
SOUTH MILLS 18
BARCO 40 H
AYDLETTE 14
HALIFAX CO
WARRENTON 28 L
CGAS ELIZABETH CITY -10 72 H L S-278 (142.74)
NAS. WEEKSVILLE 524
ROCKY MOUNT 40H S
TARBORO 30 S
NAS EDENTON 72 H
WOODVILLE
FRANKLIN
RALEIGH 350
WILSON 45H
AVALON 28 S
ZEBULON
GREENVILLE 50H
WASHINGTON 50H
NAF. WEEKSVILLE -7 37 H L S-3295 (142.74)
MANTEO 32
ROANOKE IS. 33 H S
CHARLOTTE 110
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
SELMA
KINSTON 50 H
GOLDSBORO 25 S
SMITH
PINEY GROVE
MT OLIVE
CLINTON
SEYMOUR JOHNSON AAF-80 50H
NEW BERN 14
SIMMONS-KNOTT 40 H S
MCAS CHERRY PT 224
N CAR 3 D A
MCAS CHERRY POINT-29 76H L S-3295 (142.74)
MCAAF OAK GROVE -27 40H L S-3295 (142.74)
WALLACE
WHITE LAKE BEACH
BURGAW
CAMP LE JEUNE OLF -24 50 H-3295 (142.74)
MOREHEAD CITY
MCAAF ATLANTIC 35H
BEAUFORT-MOREHEAD CITY 43H
MCAAF BOGUE-22 40 H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
BLUETHENTHAL 70H S
PEIFFER
WILMINGTON
CAROLINA BEACH
SAVANNAH 31
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF BRACE LEGS IDENTIFY 8 QUADRANTS.
R: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT OR LESS IN LENGTH, RUNWAYS UNPAVED, RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SDS.
SCALE OF MILES
0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
CAMP LE JEUNE OLF (New River)	3295 (142.74)	CN	3105,4495,142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Polloksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324 (NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
MANTEO FM (Navy)	(- -)	FM,139°,32	Weeksville NAF
[redacted]			
→BLACKSTONE	371 (KT)(116.1)	BMLZ-VDT,133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
→LANGLEY FIELD (Army)	230 (DLY)(116.1)	SBMRAPZ-VDT:102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV,44°,3.3	(3):115.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°,2.9	

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker (3) 3105, 4495, 6210 kcs.
(4) 3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	INACTIVE.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct. (N)
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	1.8 NNW	25	50h	
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
(N) Kinston (N)	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct.No sto
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct. (N)
(P) Wilson	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW,rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
Morehead City	5WNW;RR N	15	23 S4	80 oct No sto
Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston)	3.7 SW.; riv N,W	40	26 S4	80 oct. P-line ENE
White Lake Beach	0.2 N.W; lake S	75	18 S4	80 oct No sto. (White Lake)
Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct N & E blocked

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5 S4	80,91 oct. Rnwy lgts on req.ARMY TMP
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) INACT:CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct. Trees sur fld.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrencevfille,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W (NC)
Dixie Holland (Cape Charles)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALICE	224(EZ)	SBRAZ, 72°, 3.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRAZ-VDT, 157°, 2.5	(3);116.1
CABANISS NAAS, (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
CLIFF NAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.15,122.5(7-2)
CORPUS CHRISTI (Cliff Naus Field)	382(CR)(116.1)	SBRPLZ-VDT, 138°, 2.9	(3);116.1
Corpus Christi (Navy)	248 (NGP)	NLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN(OCA);350°, 3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
CUDDIHY NAAS (Corpus Christi)			DECOMMISSIONED
GREGORY PM (Navy)	(-)	PM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.1, 114.7)	C(ILS)	(4);118.7,126.15,122.5 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-VDT, 137°, 3.1	(4);116.1
LOS FRESNOS PM	(-)	PM, 354°, 8.9	Brownsville
MERCEDES PM	(- - - -)	PM, 241°, 29.5	Brownsville
PALACIOS	350(UX)	MLZ, 118°, 1.6	
PLEASANTON PM	(- - -)	PM, 174°, 44.2	San Antonio
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PELS COMPASS LOCATORS)			
BROWNSVILLE, TEX (Internat'l)	110.3 •--- ••	335	170° Mag.	IM		NK •--•(0.66)	OM - -(4.34)
					MM		OMK

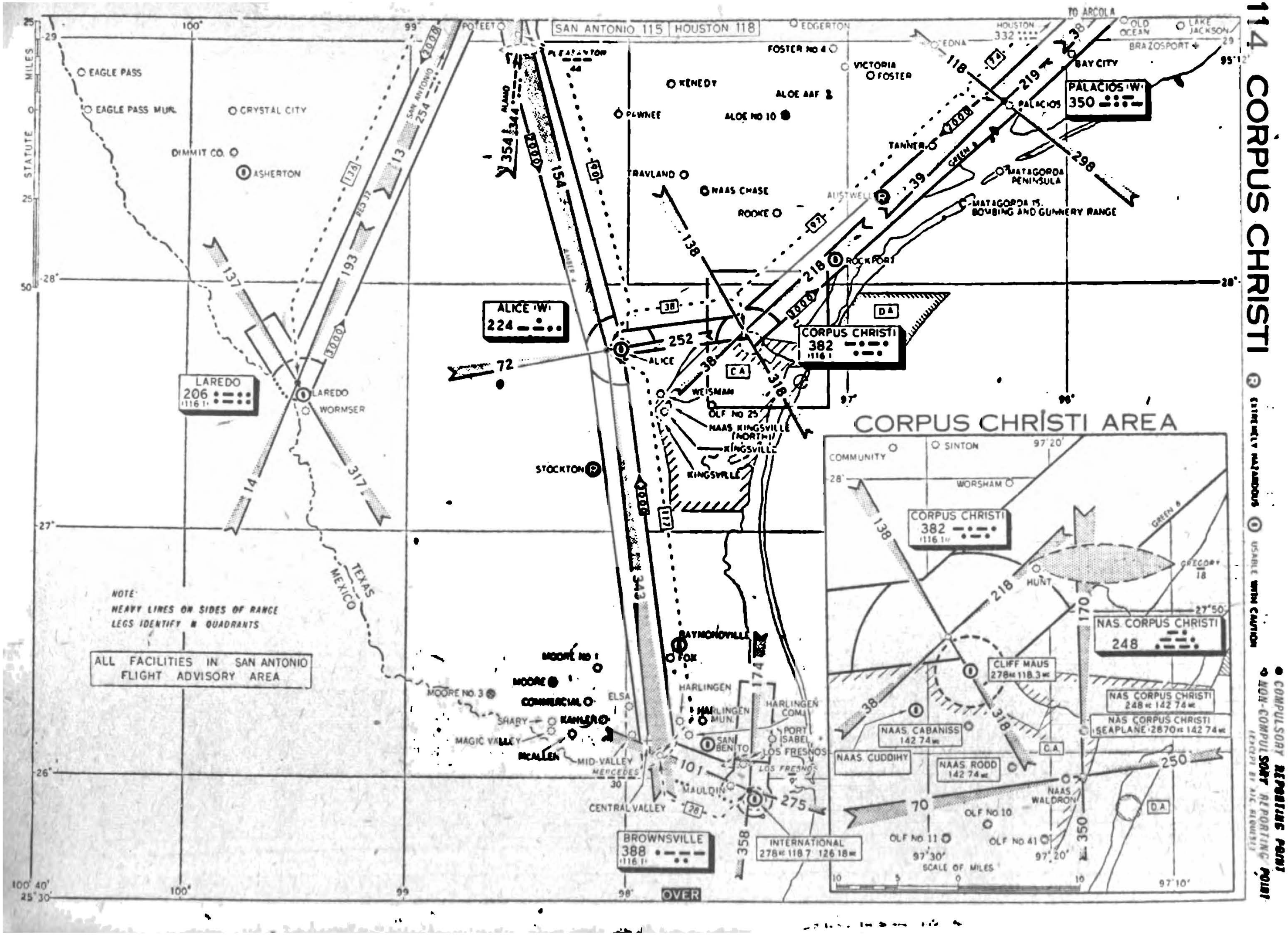
S-Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker (3) 3105. 4495. 6210 kcs.
(4) 3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S transmits on and guards 116 1 137 88. 140 58 mcs.

AIRPORTS — TEXAS

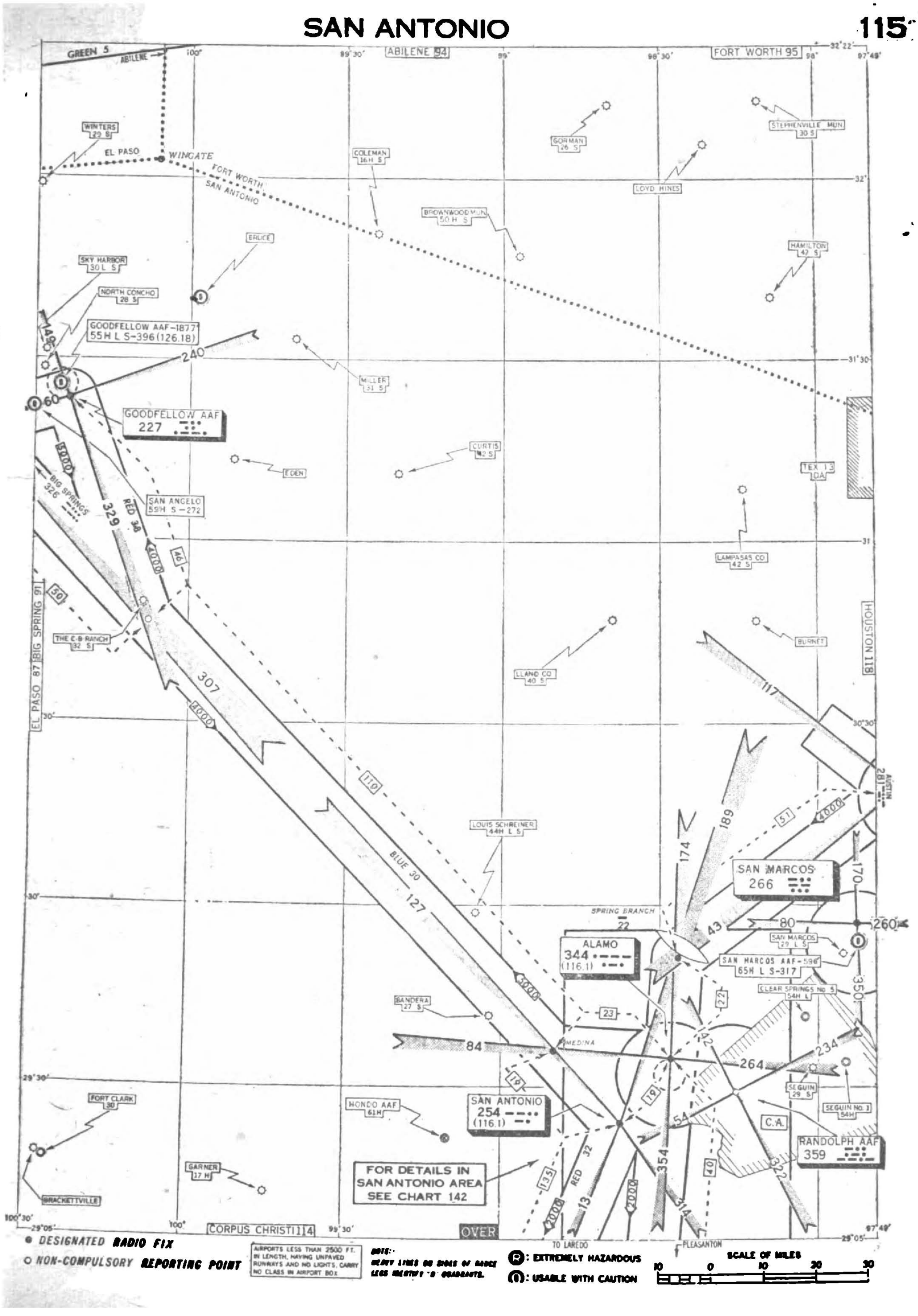
AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	45h L5 S6	80,91 oct.
(A) Aloe AAP (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur fld.
* Austwell Int,5A,CR-MU	2.1 SSW;bay NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h R1	INACTIVE.
Chuaadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
(N) CLIFF NAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.NATS,NAPC.
(N) " OLP #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLP #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLP #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLP #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
(N) Cuddihy NAAS (Corpus Christi)(N)	7.8 SW;crk S	39	56h	INACTIVE
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unverified.

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Spgs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strip.
Eagle Pass mun.	10 N;RR N	878	59h	
	1.3 E;hwy N	774	29 S2	80 oct,ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (MC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen, com.	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen mun.	5 NW;RR SW	40	13	Pole line S.
	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct.ARPT OF ENTRY.
Kaiser (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
* Kingsville Int,11,JI-PV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Laja (Dolores)(NC)	1.5 NNE;riv SW	475	19	PRIVATE.15-20' brush W,S.
LAREDO	3.5 NE;hwy NNE	512	99h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W
McAllen	1.6 SSW,hwy N	115	21 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner.CAP INACT NO PLCS.
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	75	25 S1	80 oct.Pole line NW,SW.
(A) Moore (Mission) (A)	12 N;RR E	219	50h	CLOSED
" #1 (Mission)	10 N Edinburg	80	40h	
(A) " #3 (Mission)(A)	5 N LaGrulla	300	30h	CLOSED
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
* Pawnee Int,22,JI-PV	5 WNW;RR W	168	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
* Raymondville Int,5,JI-PV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct,Cattle on fld.Twr NW.
San Benito,2,JI-PV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Shary (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
Stockton (Palfurries)	2 NW;RR E			ABANDONED
Tanner Sea & Land Plane Base (Port Laveca)	3 S;hwy S	13	22 S1	60 oct,Pwr line sur fld.
Traviand (Beeville)	2 NW;RR E	225	19 S2	80 oct,Poles E.
Victoria	5.5 N;hwy SW	107	25 S6	80 oct.
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	60h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	
Worsham (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.
Port Isabel	10 NW	12	48h	

L-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See exce (N) (NC)-Not charted. → NEW or REVISED DATA


SAN ANTONIO 115 | HOUSTON 118
TO ARCOLA
EAGLE PASS
EAGLE PASS MUNI
CRYSTAL CITY
DIMMIT CO.
ASHERTON
LAREDO 206
LAREDO
WORMSER
ALICE W 224
ALICE
CORPUS CHRISTI 382
PALACIOS W 350
PALACIOS
BAY CITY
EDNA
VICTORIA
FOSTER
FOSTER NO 4
KENEDY
ALOE AAF 2
ALOE NO 10
PLAWNEE
TRAVLAND
NAAS CHASE
ROOKE
ROCKPORT
TANNER
MATAGORDA PENINSULA
MATAGORDA IS. BOMBING AND GUNNERY RANGE
WEISMAN
OLF NO 25
NAAS KINGSVILLE (NORTH)
KINGSVILLE
STOCKTON
RAYMONDVILLE
FOX
HARLINGEN
HARLINGEN MUN.
HARLINGEN COM.
PORT ISABEL
SAN BENITO
LOS FRESNOS
MAULDIN
CENTRAL VALLEY
BROWNSVILLE 388
INTERNATIONAL
MOORE NO 1
MOORE
MOORE NO 3
COMMERCIAL
SHARY
KAHLSA
MAGIC VALLEY
MCALLEN
MID-VALLEY
MERCEDES
ELSA
NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
TEXAS
MEXICO
OVER
CORPUS CHRISTI AREA
COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382
HUNT
GREGORY 18
NAS CORPUS CHRISTI 248
CLIFF MAUS 278 118.3
NAS CORPUS CHRISTI 248 142.74
NAS CORPUS CHRISTI SEAPLANE 287 142.74
NAAS CABANISS 142.74
NAAS CUDDIHY
NAAS RODD 142.74
NAAS WALDRON
OLF NO 10
OLF NO 11
OLF NO 41
SCALE OF MILES
97°20'
97°30'
97°10'
97°50'
95°12'
100° 40'
25° 30'
STATUTE MILES
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC CLEARANCE)
Ⓡ EXTREMELY HAZARDOUS
Ⓤ USABLE WITH CAUTION

SAN ANTONIO


GREEN 5
ABILENE
100°
99°30'
ABILENE 94
99°
98°30'
FORT WORTH 95
98°
32°22'
97°48'
WINTERS 29 S
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
COLEMAN 16H S
GORMAN 26 S
STEPHENVILLE MUN 30 S
LOYD HINES
32°
BROWNWOOD MUN 50 H S
ERLICE
HAMILTON 42 S
SKY HARBOR 30 L S
NORTH CONCHO 28 S
GOODFELLOW AAF-1877
55 H L S-396 (126.18)
240
MILLER 31 S
31°30'
GOODFELLOW AAF
227
CURTIS 42 S
EDEN
TEX 13 OA
BIG SPRINGS 326
SAN ANGELO 59H S-272
RED 36
329
LAMPASAS CO 42 S
HOUSTON 118
EL PASO 87
BIG SPRING 91
THE C-B RANCH 32 S
307
LLANO CO 40 S
BURNET
117
30°30'
AUSTIN 281
LOUIS SCHREINER 44H L S
BLUE 30
127
SPRING BRANCH
22
ALAMO
344
(116.1)
SAN MARCOS
266
SAN MARCOS 29 L S
SAN MARCOS AAF-596
65H L S-317
CLEAR SPRINGS NO 5
54H L
BANDERA 27 S
MEDINA
84
264
234
SEGUIN 29 S
SEGUIN NO 1 54H
C.A.
SAN ANTONIO
254
(116.1)
RANDOLPH AAF
359
FORT CLARK 30
HONDO AAF 61H
GARNER 17 H
BRACKETTVILLE
FOR DETAILS IN SAN ANTONIO AREA SEE CHART 142
100°30'
29°05'
100°
CORPUS CHRISTI 114
99°30'
OVER
TO LAREDO
PLEASANTON
97°48'
29°05'
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
NOTE:- HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "R" GRADIENTS.
R: EXTREMELY HAZARDOUS
(1): USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°,1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Localizer Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +—Army A.C.S transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
➤**Bruce (Ballinger)**	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
(A) Hondo AAF (A)	2.1 NW;RR S	929	61h	CLOSED
➤Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
SAN ANGELO	8.5 SSW;rd NW	1915	69h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). ➤ NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
➔ ARCOLA FM	(- - -)	FM; 218°, 15	Houston
➔ AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 1.8	(3); 116.1
BERGSTROM (Austin)	396(126.18)+	CA	(4); 126.18
➔ ELLINGTON (Houston)	219	CA	4495,126.13(8-17)
HOUSTON	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4):118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
➔ NAVASOTA (Int.)	212(NT)	MRLW ;180°,1.4	
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
WACO (Mun.)	385(WC)(116.1)	SBRAZ-DTV;9°,2.6	(4); 116.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3): 3105, 6495, 6210 kcs (4): 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army & C.S. frequencies on and guards 116.1, 117.88, 140.58 mcs.

AIRPORTS — TEXAS

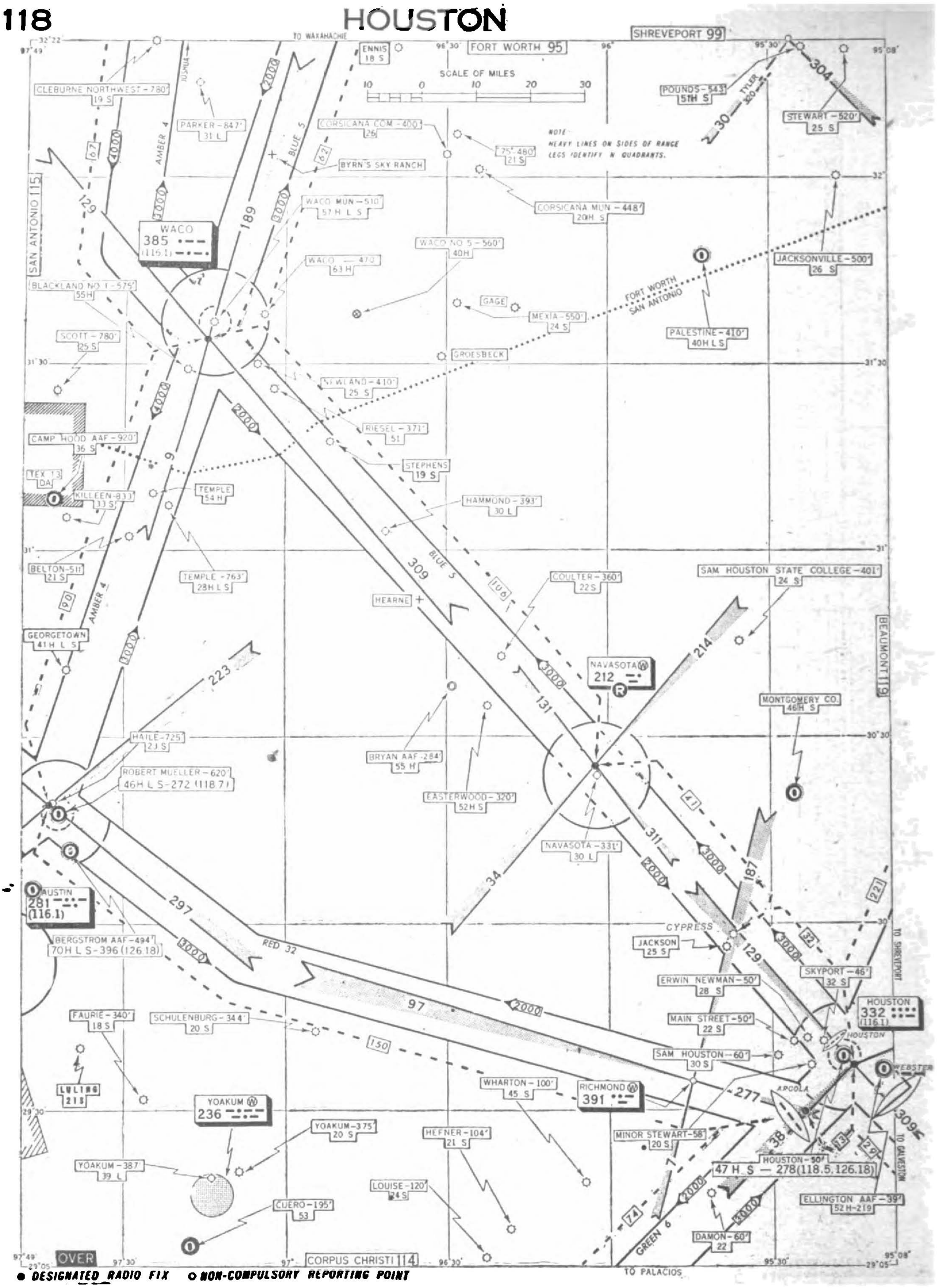
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE, NW.
Blackland #1 (Waco)	11 WSW;RR S	575	55h	
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36 S1	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence S,W
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington (Houston)(A)	15 SE;RR W	39	52h R1	TMP INACT.NO FACS.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman (Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data unver.
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). ➔ NEW OR REVISED DATA

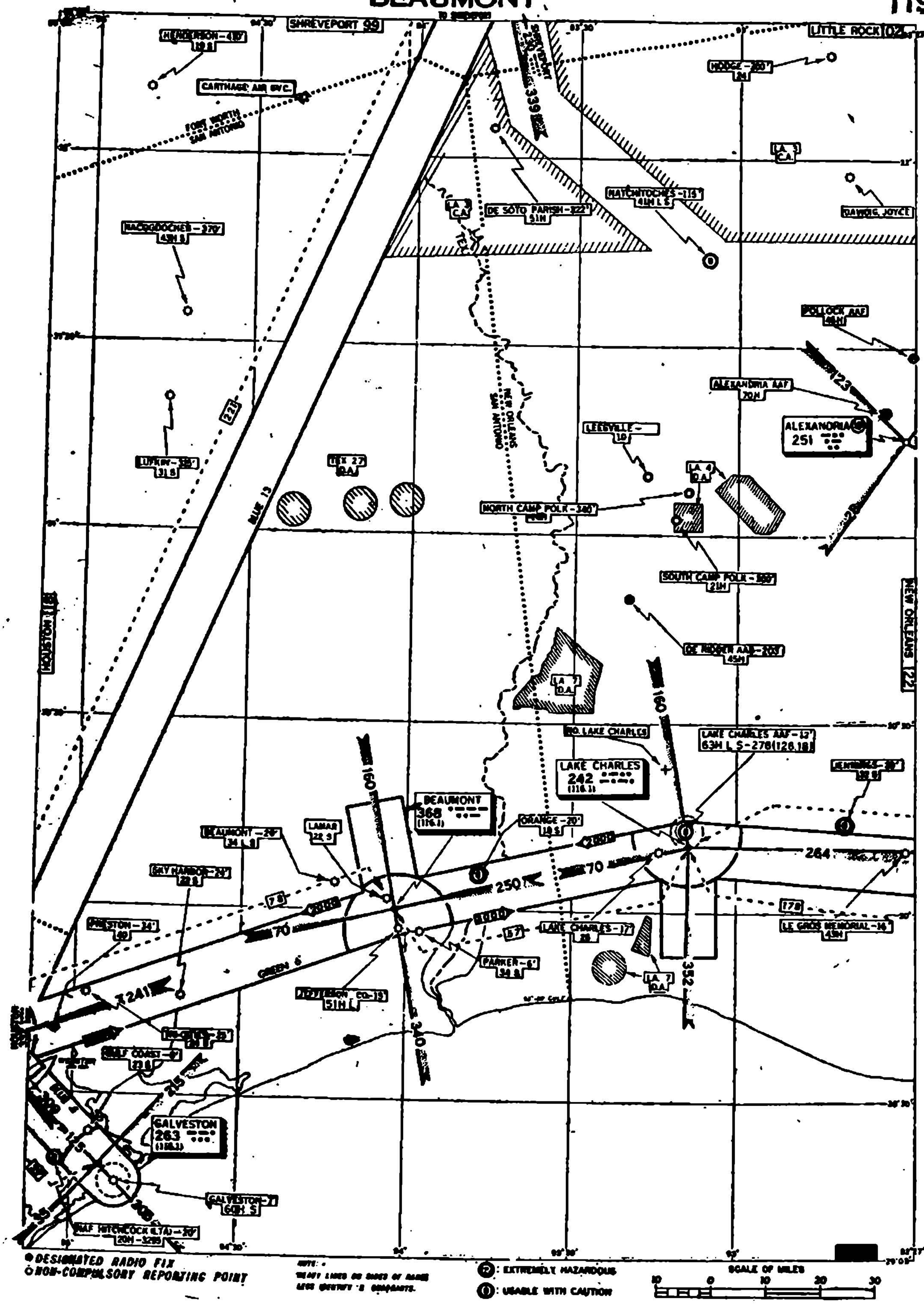
TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
➔ HOUSTON	9 SSE;hwy W	50	47h R2 L6 S6	73,80,91,100 oct.
Jackson (Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct.100 oct gov't contract.
St.Edwards (Austin)(NC)	3.5 S	700	22	
Sam Houston (Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five (Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
➔ Temple	5.5 NW;rd SW	675	54h	Rd. NW.
Temple,40,JI-FV	2 NNW;hwy SW	763	28h L3 S4	73,80 oct.
Waco	7 NNE;bet RRs	470	63h	ARMY,TEMP INACT.
(A) WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S4	80,91,100 oct.CIVIL FACS.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	
NEW AIRPORTS				

HOUSTON



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT


SHREVEPORT 99
HENDERSON - 410'
19 S
CARTHAGE AIR SVC.
FORT WORTH
SAN ANTONIO
LITTLE ROCK 02
HODGE - 350'
2M
339
LA CA.
DE SOTO PARISH - 322'
51M
NACOGDOCHES - 379'
45M S
MATCHITOCHES - 115'
41M L S
DAWSON, JOYCE
POLLOCK AAF
46M
123
ALEXANDRIA AAF
20M
ALEXANDRIA
251
LEESVILLE -
10
LUFKIN - 357'
31 S
FTK 27
RAF
223
HWY 13
OMOULAY RIVER
SABINE RIVER
LA 4
RAF
NORTH CAMP POLK - 340'
41M
SOUTH CAMP POLK - 355'
21M
HOUSTON 118
NEW ORLEANS 122
DE RIDDER AAF - 205'
45M
LA 7
RAF
160
RD. LAKE CHARLES
LAKE CHARLES AAF - 17'
63M L S - 278(126.1R)
LAKE CHARLES
242
(116.1)
BEAUMONT
368
(116.1)
LAMAR
22 S
BEAUMONT - 29'
34 L S
ORANGE - 20'
19 S
264
GRY HARBOR - 29'
22 S
250
70
78
178
PRESTON - 34'
49
LAKE CHARLES - 17'
35
57
PARKER - 6'
34 S
241
GREEN 6
HENDERSON CO - 19'
51M L
LE GROS MEMORIAL - 16'
45M
352
GULF COAST - 9'
20 S
25
GALVESTON
263
(116.1)
GALVESTON - 7'
60M S
RAF HITCHCOCK (LTA) - 30'
20M - 3295
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
INDICATE 2 ENROUTE 2 BOUNDARIES.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

BEAUMONT

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	368(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	263(GS)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK-	OMK-
				IM-	MM-	OM–
					MMK-	OMK-
				IM-	MM-	OM–
					MMK-	OMK-
				IM-	MM-	OM–
					MMK–	OMK–

S-Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ALEXANDRIA AAF (A)	5.5 W;riv 2 N	88	70h	CLOSED
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
→ De Ridder	3.5 WSW;RR S	203	45h	
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A,N) LAKE CHARLES AAF (A)	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. JP-1. No sto.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Nacogdoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N, S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nachitoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston) (A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.
NEW AIRPORTS				
→ David G. Joyce (Winnfield,La.)	3 NW;hwy E	130	16 S1	80 oct. Trees N.

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARATARIA FM	(- -)	FM, 171°, 20	New Orleans
BATON ROUGE (Harding)	347 (RX)	MRLWZ,128°,3.4	
LAFAYETTE	227(UG)(116.1)	MHTV	(4); 116.1
LA PLACE FM	(- - -)	FM, 271°, 16.8	New Orleans
MADISONVILLE FM	(- - - -)	FM, 353°, 32	New Orleans
MOISANT AIRPORT (New Orleans)	278(118.3,126.18)	C (ILS)	(4); 122.5,118.3,126.18
NEW ORLEANS (Moisant)	338(NO)(116.1)	SBRAZ-DTV,271°, 3	(3); 116.1
New Orleans Airport	382 (126.18)	CA	(4); 126.18
New Orleans NAS	323(142.74)	CN	(3);142.74 (0-sunset)
NEW ORLEANS FM	(-)	FM, 63°, 11	New Orleans
MISSISSIPPI			
FLORENCE FM	(- - -)	FM, 173°, 14.6	Jackson
JACKSON AIRPORT	278(126.18,118.7)	C	(4);126.18,118.7,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
NEW ORLEANS, LA.(Moisant)	109.9	333.8	100° Mag.	IM- ..... (.04)	MM-	OM- -- (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. / VHF Range Station Localizer Marker. (3) 3105 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs

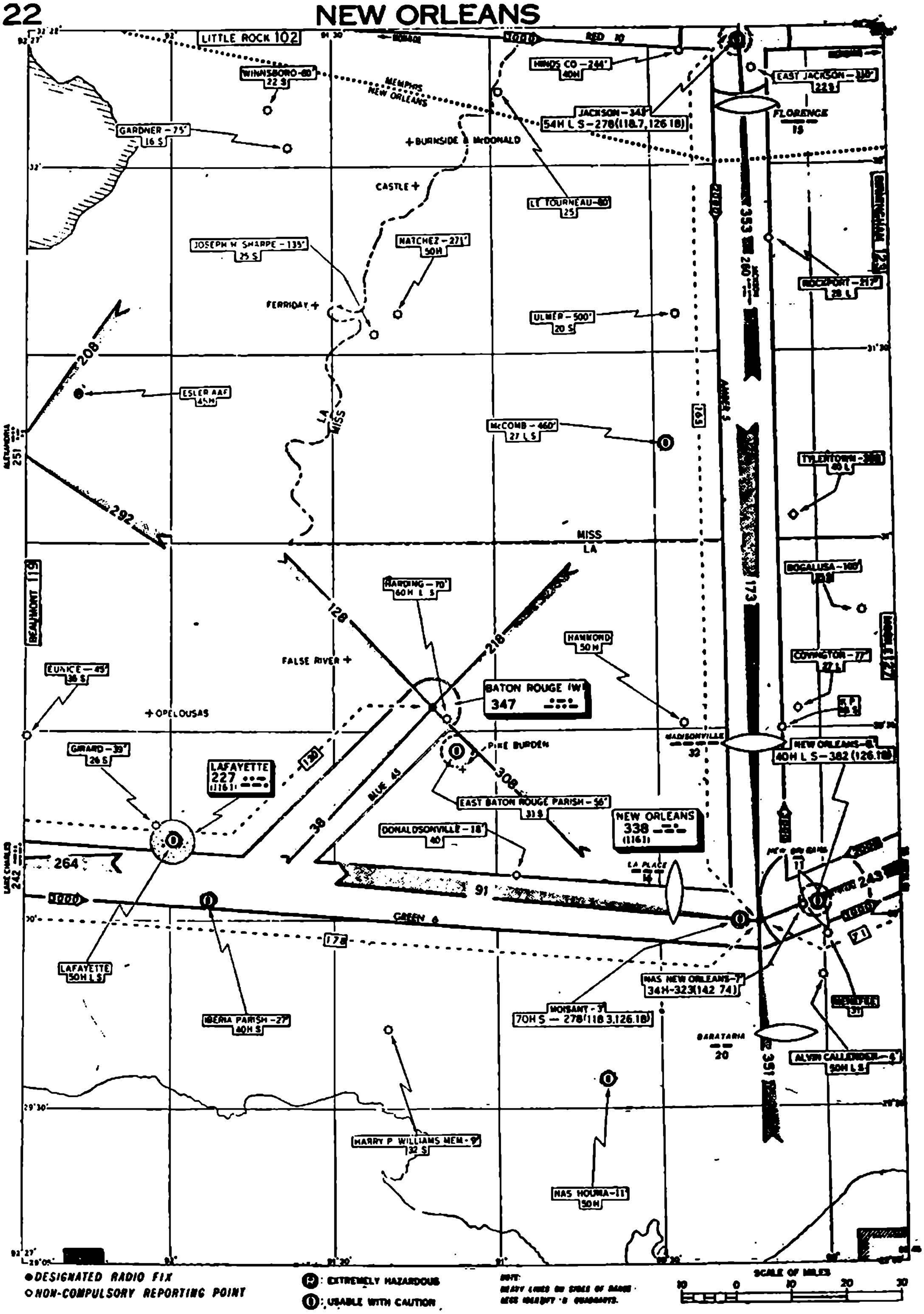
AIRPORTS — LOUISIANA

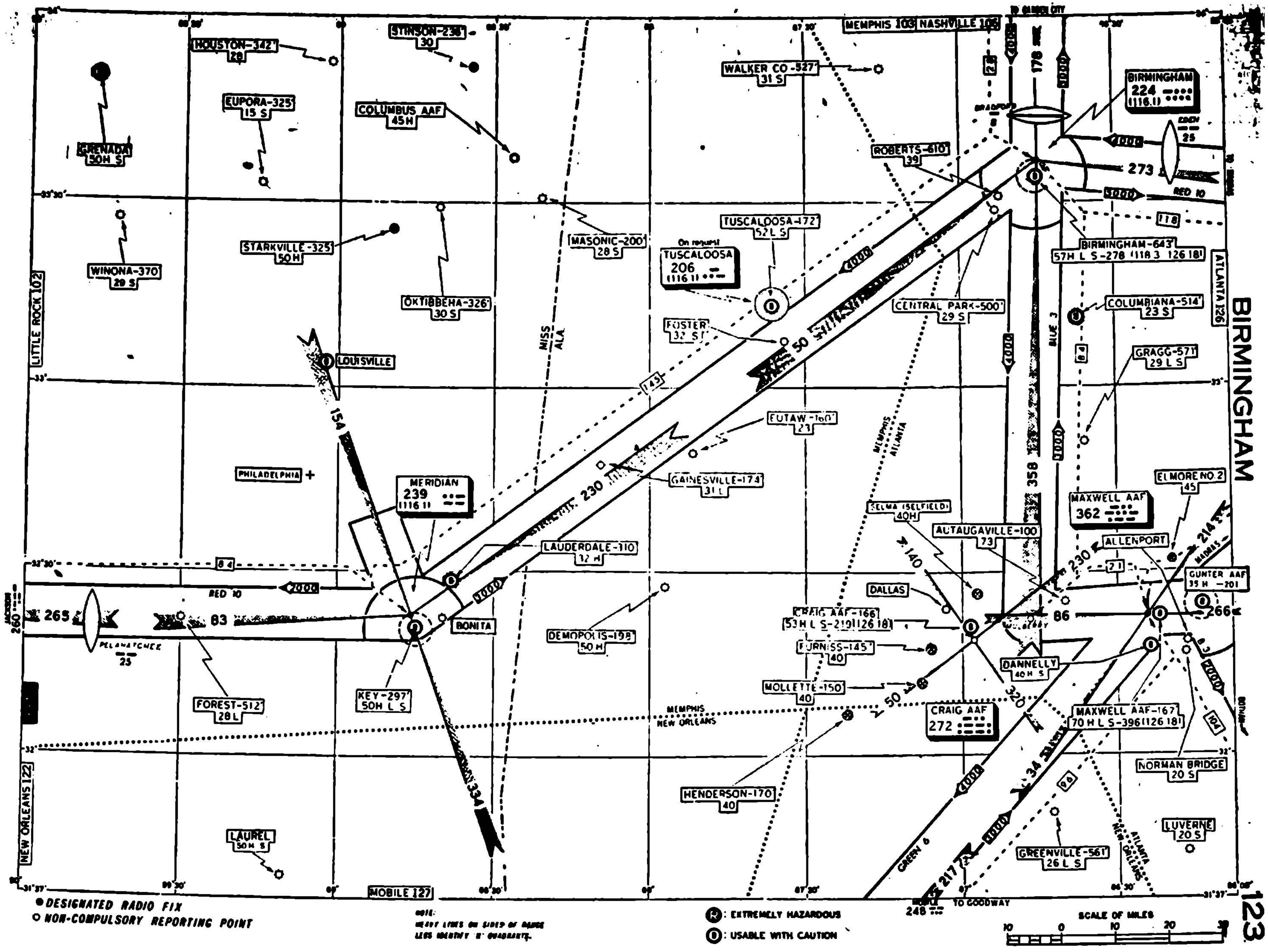
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alvin Callender (New Orleans)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct.No sto.Poles S.
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct.No sto.Data unver.
Chapman (New Orleans) (NC)	8.5 NE;lake N	4	22	15' trees NW. Cattle on field.
* Covington Int,3,NO-LS	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26, HU-NO	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E;hwy N,E	56	31 S4	80,91 oct. Pole line S.
Esler (Alexandria) (A)	11 NE;Bayou S	92	45h	CLOSED
Eunice	1.7 W;hwy N	45	35 S2	80 oct.
False River(New Roads)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct.Obsts sur fld.
Grand Isle (NC)	2.6 NE;hwy NW	4	22	
Hammond	2 ENE;RR S	40	50h	
HARDING (Baton Rouge)	5.8 NNE	70	60h L5 S2	91 oct. No bcn.
(P) Harry P. Williams Mem'l. (Patterson)	2 WNW;bet RR, and hwy	9	32 L2 S2	73 oct. No bcn.Lgts prior req. Pole line NW.
(N) Houma NAS (LTA)(N)	3.1 ESE;RR NE	11	50h	INACTIVE.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
K-P (Covington)	1.6 NW;RR S	27	18 S2	80 oct.
Lafayette	1.5 SE;RR W	40	50h R1 L5 S1	91 oct. Pole line S.
Menefee (New Orleans)	5.2 E;riv S	1	31	Pole line S.
(N) MOISANT INTERNATIONAL (New Orleans)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct, Avail.only to Army,Navy, and Airlines.
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L4 S4	91,100 oct.; 100 oct Govt contract. FEE.
(N) New Orleans NAS (N)	4.6 N;on lake	7	34h R1	Tower NE.
(P) Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia) (NC)	2.6 N;hwy W	21	18	Poles W,WSW.Cattle on fld.
Winnsboro	1.2 ESE,RR SW	80	22 S1	80 oct.
MISSISSIPPI				
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
(A,N) JACKSON	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank,stack E.
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior request. Caution - wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct.No bcn;lgts prior req.Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	
* Tylertown Int,7,NO-LS	6 SE;road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct.No sto.Poleline W.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L lighting facilities. S-servicing (See page IX) NC-(not charted). → NEW OR REVISED DATA

NEW ORLEANS


LITTLE ROCK 102
WINNSBORO-80'
22 S
MEMPHIS
NEW ORLEANS
GARDNER – 75'
16 S
+BURNSIDE & McDONALD
CASTLE +
JOSEPH W SHARPE – 135'
25 S
NATCHEZ – 271'
50H
FERRIDAY +
HINDS CO – 244'
40H
JACKSON – 343'
54H L S – 278(118.7, 126.18)
LT TOURNEAU-80'
25
EAST JACKSON – 110'
22 S
FLORENCE
15
ROCKPORT – 217'
28 L
ULMER – 500'
20 S
208
292
ESLER AAF
45M
LA
MISS
McCOMB – 460'
27 L S
MISS
LA
120
HARDING – 70'
60H L S
218
HAMMOND
50 H
FALSE RIVER +
EUNICE – 45'
36 S
+OPELOUSAS
BATON ROUGE (W)
347
PINE BURDEN
MADISONVILLE
32
NEW ORLEANS – 6'
40H L S – 382 (126.18)
GIRARD – 39'
26 S
LAFAYETTE
227
(116)
130
308
BLUE 45
39
EAST BATON ROUGE PARISH – 56'
31 S
NEW ORLEANS
338
(116)
DONALDSONVILLE – 18'
40
91
264
GREEN 6
178
LAFAYETTE
50H L S
IBERIA PARISH – 27'
40H S
NAS NEW ORLEANS – 7'
34H-323(142 74)
MORGANT – 3'
70H S – 278(118.3,126.18)
HARRY P WILLIAMS MEM – 9'
32 S
NAS HOUMA – 11'
50H
BARATARIA
20
ALVIN CALLENDER – 4'
50H L S
TYLERTOWN – 38'
45 L
BOGALUSA – 169'
COVINGTON – 17'
NEW ORLEANS
243
71
ALEXANDRIA
251
LAKE CHARLES
242
BEAUMONT 119
MONT 123
MONT 173
MONT 251
MONT 253
MONT 260
MONT 261
MONT 263
MONT 265
MONT 271
MONT 273
MONT 275
MONT 277
MONT 279
MONT 281
MONT 283
MONT 285
MONT 287
MONT 289
MONT 291
MONT 293
MONT 295
MONT 297
MONT 299
MONT 301
MONT 303
MONT 305
MONT 307
MONT 309
MONT


BIRMINGHAM
HOUSTON-342'
20
STINSON-236'
30
MEMPHIS 103
NASHVILLE 105
WALKER CO-527'
31 S
EUPORA-325'
15 S
COLUMBUS AAF
45 H
GRENADA
50 H S
ROBERTS-610'
39
BIRMINGHAM
224
(116.1)
273
RED 10
118
WINONA-370'
29 S
STARKVILLE-325'
50 H
MASONIC-200'
28 S
TUSCALOOSA-172'
52 L S
On request
TUSCALOOSA
206
(116.1)
BIRMINGHAM-643'
57 H L S-278 (118.3 126.18)
OKTIBBEHA-326'
30 S
CENTRAL PARK-500'
29 S
COLUMBIANA-514'
23 S
FOSTER
32 S
LOUISVILLE
GRAGG-571'
29 L S
EUTAW-100'
23
GAINESVILLE-174'
31 L
MERIDIAN
239
(116.1)
SELMA (SELFIELD)
40 H
ELMORE NO. 2
45
MAXWELL AAF
362
AUTAUGAVILLE-100
73
ALLENPORT
LAUDERDALE-110
32 H
DALLAS
GUNTER AAF
35 H -201
266
BONITA
DEMOPOLIS-198'
50 H
CRAIG AAF-166'
53 H L S-219 (126.18)
86
83
265
PELAHATCHEE
25
FURNISS-145'
40
DANNELLY
40 H S
FOREST-512'
28 L
KEY-297'
50 H L S
MOLLETTE-150'
40
CRAIG AAF
272
MAXWELL AAF-167'
70 H L S-396 (126.18)
NORMAN BRIDGE
20 S
HENDERSON-170'
40
LAUREL
50 H S
LUVERNE
20 S
GREENVILLE-561'
26 L S
248
TO GOODWAY
LITTLE ROCK 102
NEW ORLEANS 122
MOBILE 127
ATLANTA 126
MISS ALA
MEMPHIS ATLANTA
MEMPHIS NEW ORLEANS
ATLANTA NEW ORLEANS
BIRMINGHAM
TO GARDEN CITY
50 STATUTE MI.
230
140
320
358
214
217
34
176
25
BLUE 3
GREEN 6
RED 10
RADIUS
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LESS CERTAIN "E" QUADRANTS.
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BIRMINGHAM	224(BH)(116.1)	SBRAZ-DTV	(3); 116.1
Birmingham Airport	278 (126.18,118.3)	AC; 178°, 3	(4); 122.5,126.18,118.3
BRADFORD FM	(-)	FM, 358°, 8	Birmingham
CRAIG (Selma)(Army)	272 (DPP)	BMRLZ	(3); 126.18
Craig Field	219 (126.18)	CA; 320°, 2.5	(3); 126.18
EDEN FM	(- -)	FM; 93°, 25.1	Birmingham
GUNTER FLD (Montgomery)	201	CA	4495 (Oper. on a variable schedule)
MAXWELL (Montgomery) (Army)	362 (DXW)	SBRAZ	(4)
Maxwell Field	396 (126.18)+	CA; 86°, 2	(4); 126.18
TUSCALOOSA	206(TU)(116.1)	MHTV	(4); 116.1
MISSISSIPPI			
MERIDIAN (Key)	239(UM)(116.1)	SBMRAZ-DTV; 154°, 2.8	(4); 116.1
PELAHATCHEE FM	(- -)	FM, 85°, 25	Jackson.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK–	OMK–
				TM–	MM–	OM–
					MMK–	OMK–

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. frequencies on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N.
Autaugaville (Selma)	20.5 W	100	73	
(A) BIRMINGHAM	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct. JP-1. Rdo rec rqrd.
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct. No sto.
Columbiana	1.5 WNW	514	23 S4	80 oct. Lgt acft only.
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Dallas (Selma)	2.2 SW;rlvSSE	161	20 S1	80 oct. Trees NE.
DANNELLY (Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW;rlv NW	198	50h	
(A) Elmore (Montgomery)	10 N;hwy N	203	45	CLOSED (A)
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	236	32 S4	Ltd 73 oct. Pwr line E.
(A) Furniss (Selma) (A)	10 SSW	145	40	CLOSED
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gragg, 27, PS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E.
Greenville,24,NO-AG	5.5 WNW;hwy S	561	26 L2 S4	80 oct.
(A) Gunter (Montgomery)(A)	5 NE	225	35h R1	
(A) Henderson (Selma) (A)	29 SW;riv W	170	40	CLOSED
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(A) Maxwell(Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct. No sto. JP-1.
(A) Mollette (Selma) (A)	16.2 SSW	150	40	CLOSED
Norman Bridge (Montgomery)	5.8 S;RR E	172	20 S4	73 oct. No sto.
Roberts (Birmingham)	3 W;RR N	610	39	
Selma-Selfield (Selma)	4 ENE;RR S	130	40h	
Tuscaloosa, 59, FV-AG	3 NW;RR N	172	52 R1 L3 S6	73,80 oct. Pole,trees N.
Walker County (Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.
MISSISSIPPI				
Bonita (Meridian)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(A) Columbus AAF (A)	10 N; RR E	215	45h	TMP INACT NO FACS.
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest, 46, FV-AG	1 W;RR S	512	28 L3 S1	80 oct.
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct. Ctc lgts req.
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N; bldg SE.
KEY (Meridian)	3.5 SW;RR E	297	50h R1 L5 S4	80,91 oct. Ctc lgts prior req.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Laurel	3 SW;RR SE	235	50h L S4	80,91 oct. Port.rnwy lgts.
Louisville Air Service	3.9 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic (Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
O'Keefe (Newton)(NC)	1.5 ESE;RR N	363	26	Trees NE,SE,NW. UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
Philadelphia Arpk.	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson (Aberdeen) (A)	3 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only. Rnwy data unver.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GEORGIA			
ALBANY (Turner Aux. Field #1)	254(GY)(116.1)	BMRLZ-DTV, 298°, 2.3	(4); 116.1 (DTV Stn lctd at Albany Airport)
ATLANTA	266(AG)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
Atlanta Airport	278(118.7,126.18)	AC(ILS);331°,1.9	(4);126.18,118.7,122.5
Atlanta (Navy)	323 (NCQ)	MRLWZ	
Atlanta NAS	356 (142.74)	CN; 86°, 3.2	3105,4495,3117.5;142.74
EAST POINT LFM	(- - - -)	LFM; 331°, 6.5	Atlanta
JONESBORO	219 (H)	FMK; 133°, 11	Atlanta
JONESBORO FM	(- -)	FM; 133°, 11	Atlanta
LAWSON (Columbus) (Army)	379 (DVL)	BMRLZ	(3)
Lawson Field	278 (126.18) +	CA; 21°, 3.3	(3); 126.18
→ MACON (Herbert Smart)	209 (UN)(116.1)	BMLZ-DTV;246°, 4.8	(4); 116.1,122.1
MADRAS FM	(- - -)	FM, 230°, 22.8	Atlanta
MARIETTA AAF	396 (126.18)	CA	4495; 126.18 (8-20)
SMYRNA FM	(. . - - - - -)	FM; 331°, 22	Atlanta
STONE MOUNTAIN FM	(-)	FM; 55°, 17.25	Atlanta
TURNER LFM (Army) (NC)	(- - -)	FM, 202°, 11.6	Albany (On req.)
WARNER-ROBINS (Robins Field)	284 (126.18) +	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ ATLANTA,GA.	109.9		329° Mag.	IM-	MM-	OM-
				MMK-201 ·—· (0.68)		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. ⊼ VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice ch - Army ACS transmits on and guards 116 1, 127 88, 140 58 mcs.

AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anniston	5.5 SSW	610	24 S3	80 oct. Pole line W, lgtd.
(A) Anniston AAF (A)	15 SW;hwy N	527	53h	TMP INACT.NO FACS
(P) Auburn-Opelika(Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct.Fld lgts prior req.
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct.No sto.Twr S end.
Talladega (NC)	2.6 NE;RR SE	590	20	Pole line E, hill W.
Thomas C. Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy(A)	4.8 NNW;rd E	393	50h	CLOSED
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
Asbury (Dawson)	5.7 SE;RR N	350	22 S1	Ltd 80 oct. Pole NNW.
Athens	3.5 E;RR N	807	40h L4 S6	80, 91 oct.
(A) ATLANTA	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.ARMY TEMP
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2(LG) S6	100 oct. NAFC INACT, CIVIL FACS.
* Butler Int,14,TJ-AG	0.5 NW;RR S	067	32 L3	Poles S.
City-County(Carrollton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Cobb (Marietta)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct.No sto.Trees
(A) Cochran (Macon)(A)	10 S;RR E	354	50h	TMP INACT.NO FACS. NW.
* Cochran Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct.Poles NW,NE,S,SE.
Columbus	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct.
Fitzgerald	2 SSW;RR W,E	365	24	
Griffin	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
HERBERT SMART (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	91,80 oct.
* Jackson Int,57,MM-AG	4.6 SW;rd S	716	30 L3	Barn E; bldg W.
Kings (Milledgeville)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3 SW;RR ESE	700	50h L2	
Lakewood(Atlanta)	4 S;bet RRs	1012	16 S4	80 oct.
(A) Lawson(Columbus)(A)	9.5 S;riv W	232	59h R2 L5 S6	91,100 oct. No sto.
(P) Lindsey (Swainsboro)	2.3 S;RR W	300	30	Pole line E.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
Madison	2 SSW;RR E	720	27 S2	80 oct.Pwr line SSE.
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line E.
MUSCOGEE CO. (Columbus)	6 NE;hwy E	386	40h L5 S6	80,91 oct.Fld lgts prior req.
Newnan Airpark	3.7 SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct.Trees N,E.
Reginald Grant Memorial (Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S.
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg.Trees
(A) Robins (Warner-Robins) (A)	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct;JP-1 NE.
Roosevelt (Warm Spgs)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW.
* Siloam Int,7B,AG-CS	1.3 S;road W	654	39 L3	82'mast SE corner N/S strip.
Souther (Americus)	4 NE;RR W	470	66	
* Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE; house NW.
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Turner #1 (Albany)	15 NE	285	45	
(A) Vidalia-Lyons(Vidalia)	3.2 SE;hwy N	274	50h	TMP INACT NO FACS(A)
Washington	1.4 NW;RR SE	600	22 S1	80 oct.
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.
NEW AIRPORTS				
Ashburn (Ga.)	1.5 S,RR,hwy W	430	18 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 12) NC-(not charted). → NEW OR REVISED DATA

ATLANTA

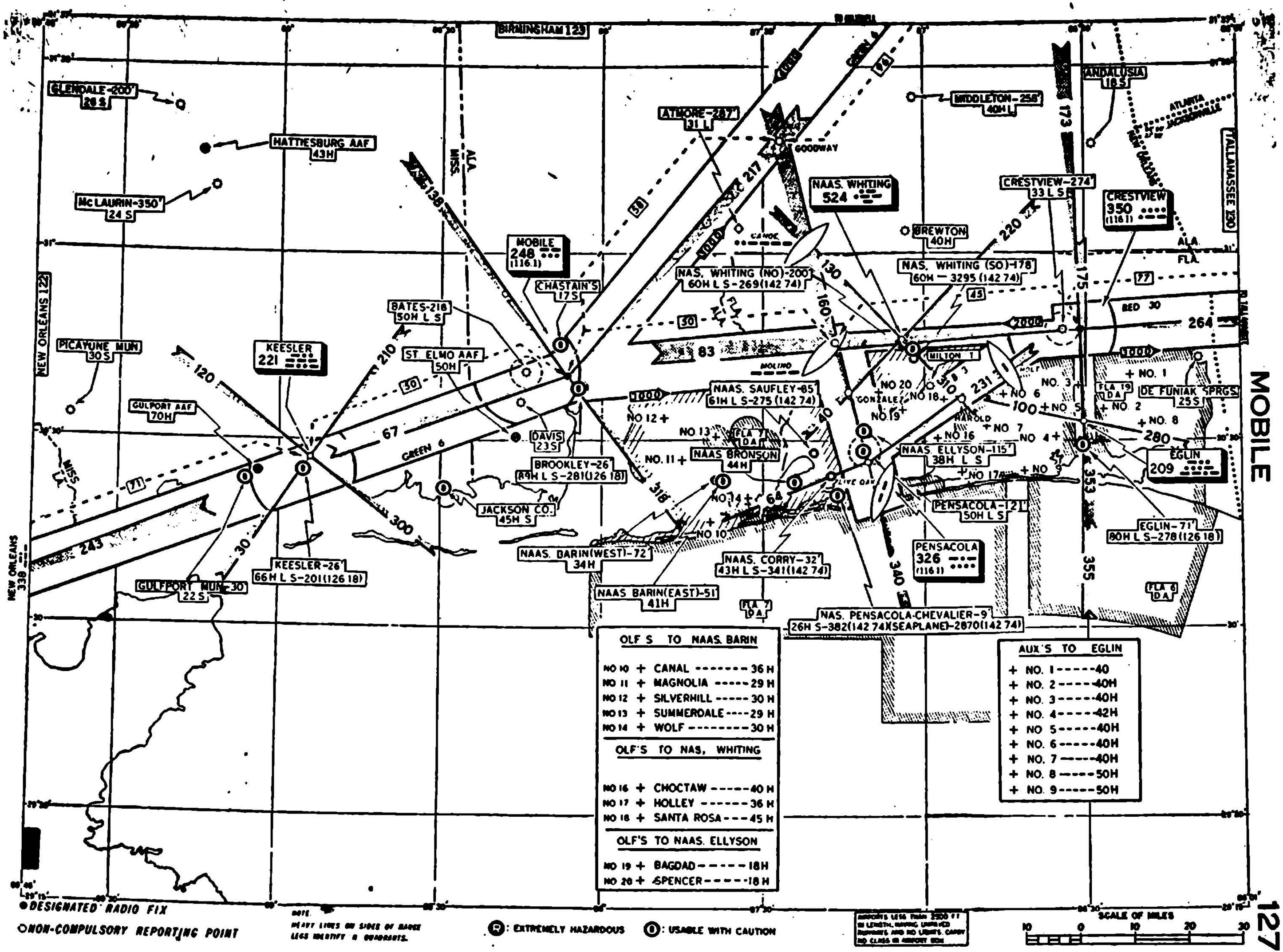
NASHVILLE 106
KNOXVILLE 107
TO CHATTANOOGA
TO SPARTANBURG
OVER
BIRMINGHAM 123
SAVANNAH 131
TALLAHASSEE 130
NAS. ATLANTA (W) 323
ATLANTA 266 (116.1)
ALBANY 254 (116.1)
MACON 209 (116.1)
PARKAIRE
MARIETTA AAF-1030 60H S-396(126.18)
TALLAPOOSA-1210 21 L
ALA 1 D.A
ANNISTON-610 24 S
COBB 20 S
ATLANTA-1005 48H L S-278(118.7, 126.18)
NAS. ATLANTA-1002 39H L S-356(142.74)
ATHENS-807 40H L S
WASHINGTON 22 S
AUGUSTA 385
CITY-COUNTY 12 S
LAKEWOOD-1012 16 S
MORTON
JONESBORO
219
MADISON-720 27 S
JACKSON-716 30 L
SILOAM-654 19 L
ANNISTON AAF-527 53H
NEWNAN-970 20 S
GRIFFIN-936 30 L S
KINGS-360 23 S
THOMAS C RUSSELL-711 31 S
LA GRANGE-700 50H L
ROOSEVELT
WOODBURY
HERBERT SMART-463 47H L S
REGINALD GRANT MEM 30 S
RIES-300 17 S
MACON
DUBLIN-303 50H S
LINDSEY-300 30
AUBURN OPELIKA-760 40H L S
MUSCOGEE CO-386 40H L S
COLUMBUS-215 45 S
BUTLER-667 32 L
COCHRAN AAF 50H
LAWSON AAF-232 59H L S-278(126.18)
GA 3 D.A
MONTEZUMA-300 35 S
ROBINS AAF-295 70H L S-284(126.18)
RED DOG 22 S
VIDALIA-LYONS-274 50H S
TUSKEGEE AAF-253 50H
MOTON-269 40 S
HURTSBORO
AMERICUS-362 27
SOUTHER-470 66
COCHRAN-324 30 L S
MCRAE-247 26 L
TUSKEGEE INSTITUTE NO 1-322 19
LAWSON AAF 379
CORDELE-305 52H L S
TROY AAF 50H
WEEDON-275 28 S
TURNER NO 1-285 45
ASBURY-350 22 S
FITZGERALD 24
THREE B-515 27 S
ASHBURN
DOTHAN 233
ATLANTA JACKSONVILLE
ALMA
GA ALA
ALA GA
GREEN 6
AMBER 6
BLUE 3
RED 10
273
50
313
133
356
235
266
107
246
66
326
147
242
154
291
202
298
22
21
151
176
86
118
123
110
131
79
201
111
104
103
SCALE OF MILES
10 0 10 20 30

● DESIGNATED RADIO FIX NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION


BIRMINGHAM 123
GLENDALE-200'
28 S
HATTIESBURG AAF
43H
McLAURIN-350'
24 S
NEW ORLEANS 122
PICAYUNE MUN
30 S
GULFPORT AAF
70H
KEESLER
221
MOBILE
248
(1161)
CHASTAIN'S
17 S
BATES-218
50H L S
ST. ELMO AAF
50H
DAVIS
23 S
BROOKLEY-26
49H L S-281(126 18)
JACKSON CO.
45H S
KEESLER-26'
66H L S-201(126 18)
GULFPORT MUN-30
22 S
NEW ORLEANS
338
ATMORE-287'
31 L
GOODWAY
NAAS. WHITING
524
NAS. WHITING (NO)-200
60H L S-269(142 74)
NAAS. SAUFLEY-85'
61H L S-275(142 74)
NAAS BRONSON
44H
NAAS. BARIN(WEST)-72'
34H
NAAS BARIN(EAST)-51
41H
NAAS. CORRY-32'
43H L S-341(142 74)
MIDDLETON-258'
40H L
BREWTON
40H
NAS. WHITING (SO)-178
60H — 3295 (142 74)
MILTON
CANOE
MOLINO
LIVE OAK
CRESTVIEW-274'
33 L S
CRESTVIEW
350
(1161)
ANDALUSIA
18 S
ATLANTA
JACKSONVILLE
TALLAHASSEE 220
ALA.
FLA.
DE FUNIAK SPRGS
25 S
EGLIN
209
NAAS. ELLYSON-115'
38H L S
PENSACOLA-121'
50H L S
PENSACOLA
326
(1161)
EGLIN-71'
80H L S-278(126 18)
NAS. PENSACOLA-CHEVALIER-9'
26H S-382(142 74)(SEAPLANE)-2870(142 74)
FLA 6 DA
FLA 19 DA
FLA 7 DA
NO 10 + NO 11 + NO 12 + NO 13 + NO 14 + NO 16 + NO 17 + NO 18 + NO 19 + NO 20 +
+ NO. 1 + NO. 2 + NO. 3 + NO. 4 + NO. 5 + NO. 6 + NO. 7 + NO. 8
RED 30
1000
2000
ALTERNATE
HAROLD
GONZALEZ
CANAL
MAGNOLIA
SILVERHILL
SUMMERDALE
WOLF
CHOCTAW
HOLLEY
SANTA ROSA
BAGDAD
SPENCER
NEW ORLEANS 338
MISS. LA.
ALA. MISS.
GREEN 6
RED 30
67
120
210
243
300
318
340
353
355
264
280
231
OLF S TO NAAS. BARIN
NO 10 + CANAL ------- 36 H
NO 11 + MAGNOLIA ----- 29 H
NO 12 + SILVERHILL ----- 30 H
NO 13 + SUMMERDALE ---- 29 H
NO 14 + WOLF -------- 30 H
OLF'S TO NAS, WHITING
NO 16 + CHOCTAW ------ 40 H
NO 17 + HOLLEY ------ 36 H
NO 18 + SANTA ROSA --- 45 H
OLF'S TO NAAS. ELLYSON
NO 19 + BAGDAD ------ 18H
NO 20 + SPENCER ------ 18 H
AUX'S TO EGLIN
+ NO. 1 -----40
+ NO. 2 -----40H
+ NO. 3 -----40H
+ NO. 4 -----42H
+ NO 5 -----40H
+ NO. 6 -----40H
+ NO. 7 -----40H
+ NO. 8 -----50H
+ NO. 9 -----50H
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CANNOT BE CLASED ON AIRPORT SIGN
SCALE OF MILES
10 0 10 20 30

RADIO — ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BARIN FIELD NAAS (Foley) EAST FIELD			DECOMMISSIONED
→ BARIN FIELD NAAS (Foley) WEST FIELD			DECOMMISSIONED
BROOKLEY FIELD (Mobile)	281 (126.18)+	CA	(4); 126.18
CANOE FM	(. . - - - -)	FM; 310°, 24.9	Whiting NAAS
MOBILE (Brookley)	* 248)MS)(116.1)	SBRAZ-DTV;138°,3.2	(4); 116.1

FLORIDA

CORRY FLD NAAS (Pensacola)	341 (142.74)	CN	3105; 142.74
→ CRESTVIEW	350(HW)(116.1)	SBRAZ-DTV; 263°,2.6	(4); 116.1
EGLIN (Valparíso)(Army)	209 (DVQ)	MRLPZ	(Voice 6-24)(3); 126.18
→ Eglin Field	278 (126.18)+	CA; 175°, 3.6	(3); 126.18 (6-24)
HOLT FM	(-)	FM, 51°, 31.2	Pensacola
LIVE OAK FM	(- -)	FM, 160°, 6	Pensacola
MOLINO FM	(- - - -)	FM, 340°, 21.4	Pensacola
PENSACOLA	326 (KH)(116.1)	SBRAZ-DTV;340°,2.1	(4); 116.1
Pensacola-Chevalier NAS	382 (142.74)	CN	(4); 142.74 (sunrise-30 mins after sunset)
Pensacola-Chevalier NAS (Seaplane)	2870 (142.74)	CN	3105; 142.74 (730-1630 except Sat,Sun. and holidays)
→ SAUFLEY FLD NAAS (Pensacola)	275 (142.74)	CN(GCA)	3105,4495; 142.74
WHITING (Milton)(Navy)	524 (AWT)	MRLZ	
→ Whiting Fld NAS (North)	269 (142.74)	CN; 130°, 3.2	3105, 4495; 142.74
→ Whiting Fld NAS (South)	3295 (142.74)	CN	3105; 142.74 (7-22)

MISSISSIPPI

KEESLER (Biloxi) (Army)	221 (DOX)	BMRLZ	(4); 4220
Keesler Field	201 (126.18)	CA; 210°, 2.9	(4); 4220

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS — ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Andalusia	1.7 SSE;RR N	340	18 S1	80 oct.
* Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
(N) Barin NAAS-East (Foley)(N)	2.7 ESE	51	41h	INACTIVE
(N) Barin NAAS-West (Foley)(N)	2.7 ESE	72	34h	INACTIVE
BATES (Mobile)	10 W;rd N,S	218	50h L5 S4	80,91 oct.No flood lgts; ctc lgts req.
Brewton (old) (NC)	2.5 N;hwy E	100	23	UNUSABLE.
(P) Brewton (new)	3.5 S; riv N	92	40h	
(A) Brookley (Mobile) (A)	3 SSW;RR NW	26	89h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
(N) Faircloth (Lillian) (N)	3 NW;bay E	70	37	
(N) Kaisers Tract OLF (Elberta) (N) (NC)	3.3 ENE;hwy S	90	25	
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(A) St. Elmo (A)	1 WSW;RR S	130	50h	CLOSED
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
(N) Summerdale OLF (N)	3.5 ENE;RR W	129	29h	
(N) Wolf OLF (Josephine) (N)	1.5 N;bay E	54	30h	

FLORIDA

(N) Bagdad OLF (Pensacola) (N)	14 NE;RR SE	111	18h	Use rnwys.
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
Crestview,21,NO-JX	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W;RR N	197	25 S1	80 oct. Pwr line N.
(A) Eglin (Valpariso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73-100 oct. JP-1. No sto.
(A) Eglin #1 (Valpariso) (A)	13.7 NNE	238	40h	
(A) Eglin #2 (Valpariso) (A)	6.1 NNE	157	40h	
(A) Eglin #3 (Valpariso) (A)	10 N	192	40h	
(A) Eglin #4 (Valpariso) (A)	6.2 W	92	42h	
(A) Eglin #5 (Valpariso) (A)	10 NW	178	40h	
(A) Eglin #6 (Valpariso) (A)	18.2 WNW;riv NW	136	40h	
(A) Eglin #7 (Valpariso) (A)	19.5 W	133	40h	
(A) Eglin #8 (Valpariso) (A)	10.3 ENE	113	50h	
(A) Eglin #9 (Valpariso) (A)	13.7 WSW	35	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h L S6	73,91 oct.E and W flds. CLOSED.
Gulf Airpark (Pensacola) (NC)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola) (N) (NC)	12 NW	100	54	
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
Milton "T" (NC)	3.5 ENE;RR S	150	53 S3	80 oct.
(P) PENSACOLA	4 NNE;bay E	121	50h R1 L5 S6	80,91 oct.
(N) Pensacola NAS (Chevalier)(N)	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts.
(N) Pensacola NAS (Corry) (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) Pensacola OLF #1 (N)(NC)	14 NW;riv 3 W	100	46	
(N) Pensacola OLF #5 (N)(NC)	10 NNW;RR W	115	57	
(N) Pensacola OLF #6 (N)(NC)	10 NNW;RR E	110	48	
(N) Pensacola OLF #7 (N)(NC)	7 NW	103	37	
(N) Pensacola OLF #8A (N)(NC)	13 NW	100	73	
(N) Pensacola OLF #9K (N)(NC)	11.9 NNW;RR E	110	50	
(N) Santa Rosa OLF (Milton) (N)	6 E;rivs N,S,W	150	45h	
(N) Saufley NAAS (Pensacola) (N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87,91 oct.
(N) Spencer OLF (Pensacola) (N)	15 NNE;bay S	145	18h	
(N) Whiting NAS-North (Milton)	6 N	200	60h R2(L6)S4	73,91,100 oct. (N)
(N) Whiting NAS-South (Milton)	5 N	178	60h R1	Use N Field. INACTIVE. (N)

MISSISSIPPI

Ellisville (NC)	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW	145	43h	Poles W,NW. RR NE. CLOSED
Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80,91 oct.
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
McLaurin	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW.

NEW AIRPORTS

TALLAHASSEE

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOTHAN	233(ND)(116.1)	SBRAZ-VDT,47°,3.7	(4);116.1

FLORIDA

CROSS CITY	269 (FC)(116.1)	SBMRAZ-VDT,315°,2.7	(4), 116.1
DALE MABRY FLD (Tallahassee)	281 (126.18)(118.3)	C,	(4), 126.18, 118.3, 122.5
TALLAHASSEE (Dale Mabry Fld)	335 (TJ)(116.1)	SBRAZ-VDT,85°,2.7	(3), 116.1,122.1
TYNDALL (Panama City)(Army)	203 (DKE)	BMRLZ	Voice 8-23. (3); 126.18
➔Tyndall Field	272 (126.18)	CA, 313°, 2.8	(3), 126.18 (6-24)

[redacted]

➔ALMA	242 (AJ)(116.1)	SBRAZ-VDT,144°, 2.2	(4), 116.1,122.1
TURNER LFM (Army)(NC)	(- - -)	FM,202°,11.6	Albany (On req)

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ALABAMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DOTHAN	3 WNW,hwy S,F	330	40h R1 L5 S6	80,91 oct.No sto.No flood lgts.
Enterprise	0.5 NE	355	22	
(A) Headland (A)	2 NE,hwy N	350	48	CLOSED
(A) Napier (Dothan) (A)	7.5 NW,RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT NO FACS
Southern Airmotive	2 SE,RR W	322	27 S4	80 oct. Twr NW. (Dothan)

FLORIDA

(A) Alliance #4(Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A)	2 W,RR N	19	53h	CLOSED
(A) Bascom (Marianna)(A)	15.5 NE	120	50h	CLOSED
(A) Carrabelle Flgt Strip(A)	2.6 W,hwy S	20	40h	CLOSED
Chipley	1.5 SE,hwy N	100	24 S1	80 oct.Trees around fld.
(A) Cross City AAF (A)	1 SE,RR SW	42	50h R1	CLOSED
DALE MABRY (Tallahassee)	3 W, RR S	70	52h R2 L5 S4	80, 91 oct.
Ellis (Marianna)	9.5 N,riv W	116	50h	
Jasper ,43,NO-JX	3.5 SSE,RR NE	148	36 L3	Poles W.Power line NE.
➔John R. Allison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80,91 oct. Lgts prior req.
(N) Lake Butler OLF (N)	2 SSW,RR NW	131	60h	
Lake City	3.7 ESE,RR S	201	60h	
Lake Jackson(Tallahassee)	9 NNW,riv NW	250	30 S4	80 oct. No sto.
Live Oak	1 W,RR W	105	26 S1	80 oct. Pole line N,NE,SW. Hwy N.
(A) Malone #2 (Marianna (A)	15.5 N	154	50h	CLOSED
Marianna	6 NE,hwy E	112	50h L5 S4	80 oct.Fld lgts prior req.
(A) Montbrook (Williston)(A)	3.2 SSW,hwy E	70	70h	CLOSED
Monticello (NC)	1.5 SW,hwy E	160	25	
Panama City	5 NW,bay N,S,W	5	19 S6	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See [redacted] ix) (NC)-Not charted. ➔ NEW OR REVISED DATA

FLORIDA

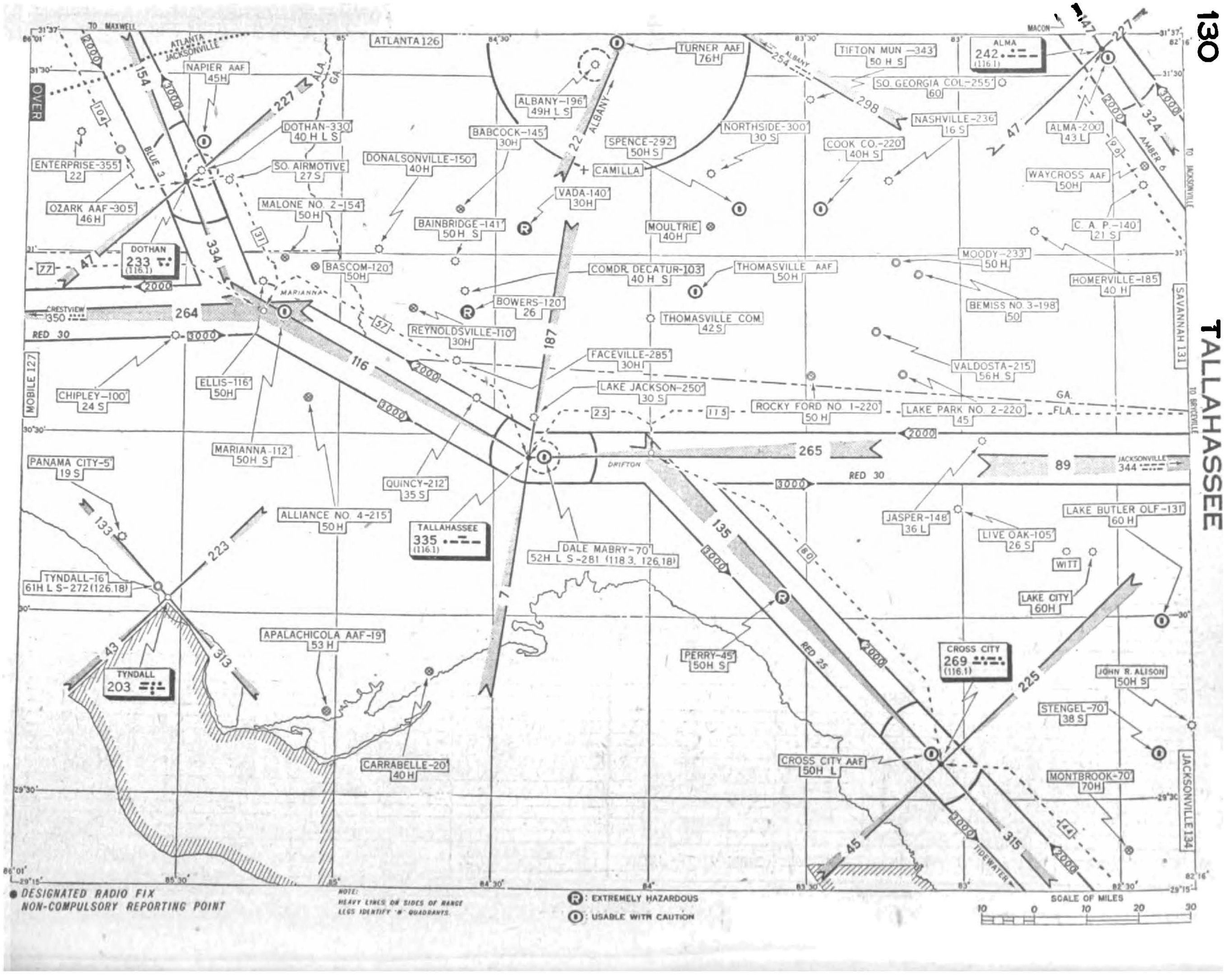
AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Perry	2 S; RR E	45	50H S2	80,91 oct.
➔Perry Municipal	0.5 NE			ABANDONED
Quincy	1.5 NE,RR S	212	35 S1	80 oct.
Stengel(Gainesville)	4 WSW;RR SE	70	38 S6	80 oct. Trees around fld.
Tennile (NC)	2.2 SSW;rd E	35	20	Trees SW Road E.
(A) Tyndall (Panama City)	8 SE	16	61h R2 L5 S6	73,91,100 oct. Gulf of Mexico SW. (A)
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

[redacted]

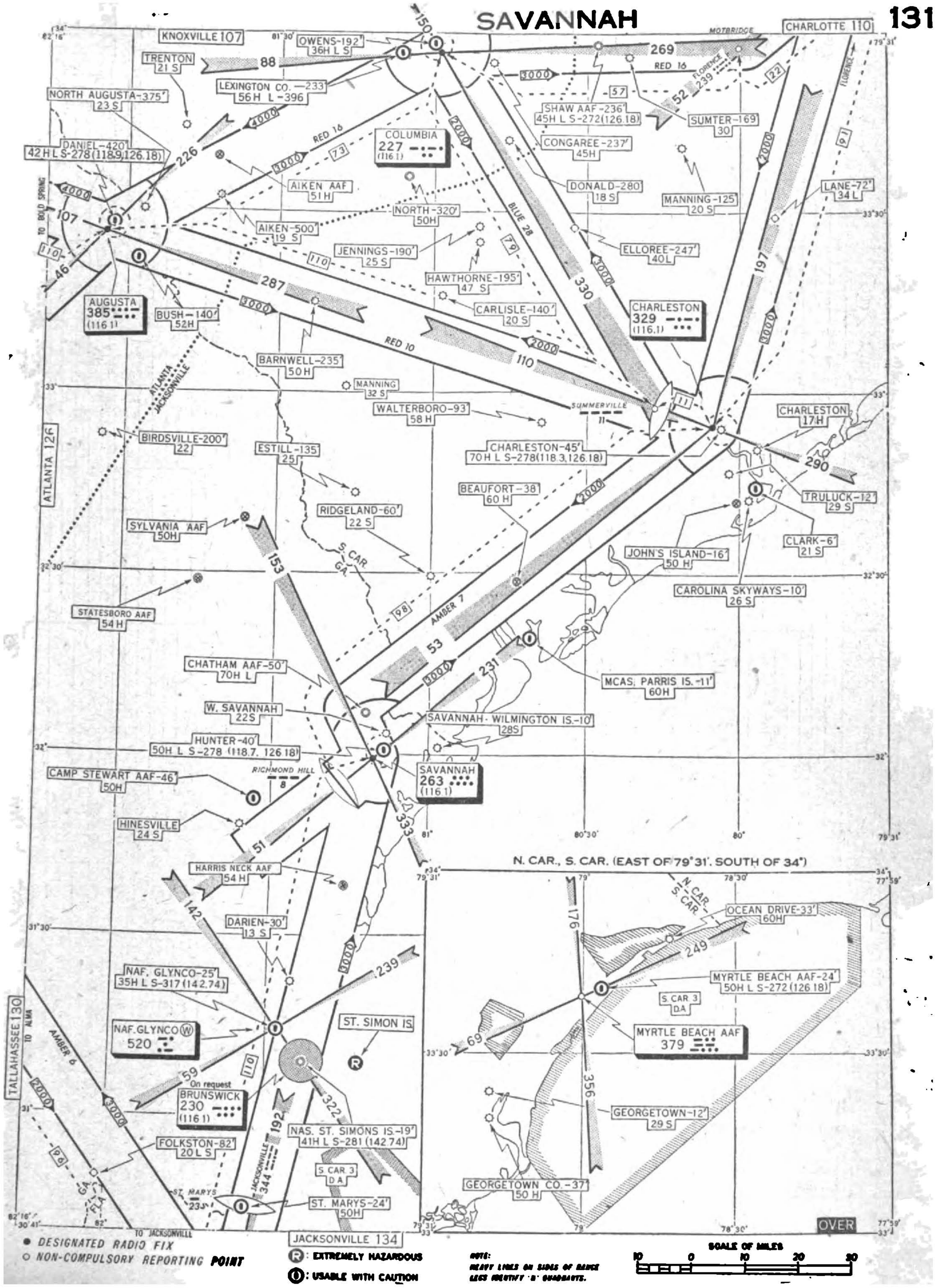
ALBANY	4 SW, RR N	196	49h R1 L5 S6	80, 91 oct.
Alma, Site 43, MM-AG	2.5 W,hwy N	200	43 R1 L3	
(A) Babcock(Bainbridge) (A)	3.5 ENE Boykin	145	30h	CLOSED
Bainbridge	7 NNW,RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta)(A)	12 NE,hwy SE	198	50	TMP INACT NO FACS
➔ Bowers (Bainbridge)	4.5 S,rd W			ABANDONED
Camilla	0.7 NW		22 S1	80 oct. Data not verified.
Civil Air Patrol (Waycross)	2.6 WSW,RR SE	140	21 S1	80 oct. Obsts surround fld.
➔ Commodore Decatur	2 W,riv S	103	40h S1	80 oct. (Bainbridge)
Cook County (Adel)	1.3 W,hwy NE	220	40h L3 S6	80, 91 oct.
Donalsonville(Bainbridge)	1 S Donalsonv'l	150	40h	
Faceville(Bainbridge)	3.5 S Faceville	285	30h	
Homerville Flgt Strip	2.5 NW,hwy NE	185	40h	
(A) Lake Park #2(Valdosta)	12.5 SSE,hwy N	220	46	TMP INACT NO FACS (A)
(A) Moody (Valdosta)(A)	11.5 NNE,RR W	233	50h	TMP INACT NO FACS
(A) Moultrie (A)	7 S,hwy NW	287	40h	CLOSED
➔ Nashville	1.3 ENE,RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW,RR W	300	30 S4	80 oct. No sto.
(A) Reynoldsville (Bainbridge) (A)	1.7 SSW Reynoldsville	110	30h	CLOSED
(A) Rocky Ford #1 (A)	16 SW,hwy N	220	50h	CLOSED (Valdosta)
South Georgia College	1.3 S,RR W	225	60	(Douglas)
Spence (Moultrie)	5 SE,hwy W	292	50h S6	80,91 oct
(A) Thomasville AAF(A)	8.5 ENE,hwy S	264	50h	CLOSED
Thomasville, com.	1 SW,RR N	250	42 S4	80 oct.Trees sur fld.
Tifton Mun.	2.3 SE,hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE,riv N	215	76h	TMP INACT NO FACS
(A) Vada (Bainbridge)(A)	3 NE of Vada	140	30h	CLOSED
Valdosta	2.5 S,hwy E	215	56h S1	80 oct.
(A) Waycross AAF(A)	4 NW,hwy E	141	50h	CLOSED

NEW AIRPORTS

TALLAHASSEE



SAVANNAH


KNOXVILLE 107
OWENS-192'
36H L S
TRENTON
21 S
LEXINGTON CO. —233'
56 H L -396
NORTH AUGUSTA-375'
23 S
DANIEL-420'
42 H L S-278(118.9,126.18)
COLUMBIA
227
(116.1)
AIKEN AAF
51 H
AIKEN-500'
19 S
NORTH-320'
50H
JENNINGS-190'
25 S
HAWTHORNE-195'
47 S
CARLISLE-140'
20 S
AUGUSTA
385
(116.1)
BUSH—140'
52H
BARNWELL-235'
50 H
MANNING
32 S
WALTERBORO-93'
58 H
BIRDSVILLE-200'
22
ESTILL-135'
25
RIDGELAND-60'
22 S
SYLVANIA AAF
50H
STATESBORO AAF
54 H
CHATHAM AAF-50'
70H L
W. SAVANNAH
22S
HUNTER-40'
50H L S-278 (118.7, 126.18)
CAMP STEWART AAF-46'
50H
HINESVILLE
24 S
HARRIS NECK AAF
54 H
DARIEN-30'
13 S
NAF. GLYNCO-25'
35H L S-317(142.74)
NAF. GLYNCO (W)
520
BRUNSWICK
230
(116.1)
FOLKSTON-82'
20 L S
JACKSONVILLE
344
ST. MARYS
23
ST. MARYS-24'
50H
JACKSONVILLE 134
ST. SIMON IS.
NAS. ST. SIMONS IS.-19'
41H L S-281 (142.74)
S. CAR 3
D A
SAVANNAH
263
(116.1)
SAVANNAH-WILMINGTON IS.-10'
28S
MCAS, PARRIS IS.-11'
60H
CHARLESTON
329
(116.1)
CHARLESTON-45'
70 H L S-278(118.3,126.18)
BEAUFORT-38'
60 H
JOHN'S ISLAND-16'
50 H
CAROLINA SKYWAYS-10'
26 S
CHARLESTON
17H
TRULUCK-12'
29 S
CLARK-6'
21 S
CHARLOTTE 110
SHAW AAF-236'
45H L S-272(126.18)
SUMTER-169'
30
CONGAREE-237'
45H
DONALD-280'
18 S
MANNING-125'
20 S
ELLOREE-247'
40 L
LANE-72'
34 L
FLORENCE
MOTBRIDGE
ATLANTA
JACKSONVILLE
ATLANTA 126
TALLAHASSEE 130
TO BOLD SPRING
TO ALMA
S. CAR
GA
FLA
RED 16
RED 10
BLUE 28
AMBER 7
AMBER 6
SUMMERVILLE
RICHMOND HILL
On request
150
88
269
57
52
239
22
91
73
107
110
46
287
79
330
197
11
8
153
98
53
231
290
51
333
142
239
59
192
322
176
249
69
356
N. CAR., S. CAR. (EAST OF 79°31', SOUTH OF 34°)
N. CAR.
S. CAR.
OCEAN DRIVE-33'
60H
MYRTLE BEACH AAF-24'
50H L S-272 (126.18)
MYRTLE BEACH AAF
379
GEORGETOWN-12'
29 S
GEORGETOWN CO.-37'
50 H
S. CAR 3
D A
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 'A' BOUNDARIES.
SCALE OF MILES
10 0 10 20 30

RADIO — GEORGIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA (Daniel)	385 (VD)(116.1)	SBRAZ-VDT,46°,2.1	(3), 116.1
BRUNSWICK	230(RS)(116.1)	MHVT	(4),116.1
→DANIEL(AUGUSTA)	278(126.18,118.9)	C	(4);126.18,122.5
GLYNCO (Navy)	520 (NEA)	MRLWZ	
Glynco NAF-LTA	317 (142.74)	CN,239°, 0.3	3105,4495; 142.74 (8-17)
HUNTER FIELD (Savannah)	278 (126.18) (118.7)	AC	(4): 122 5,126.18, 118.7
RICHMOND HILL FM	(- - -)	FM, 231°, 8	Savannah
ST. MARYS FM	(-)	FM, 12°, 23	Jacksonville, Fla.
ST. SIMONS ISLAND NAS	281 (142.74) (140.58)	CN	(3);142.74,140.58 (630-24)
SAVANNAH (Hunter)	283 (SH)(116.1)	SBMRLZ-VDT,51°,2.2	(3); 116.1,122.1

SOUTH CAROLINA

CHARLESTON	329 (CS)(116.1)	SBRAZ-VDT	(3), 116.1,122.1
→Charleston Airport	278 (126.18) (118.3)	AC(ILS):110°,2.0	(4):126.18,118 3,122.5
→COLUMBIA (Owens Field)	227 (CI)(116.1)	SBRAZ-VDT,330°,1.9	(4), 116.1
LEXINGTON CO.ARPT(Columbia)	396	C	(4)(8-24)See Notice to Airmen
MYRTLE BEACH (Army)	379(DME)	BMRLZ	
Myrtle Beach AAF	272(126.18)	CA,69°,4.4	(3);126 18
SHAW FIELD (Sumter)	272(126.18)	CA	(3);126 18 (7-24)
SUMMERVILLE FM	(- - - -)	FM,290°,10.7	Charleston

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON,S.C.	110.3 ·-·· ···	335	150° Mag.	IM-	MM- ·-·· (0.05)	OM- -- (4.2)
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Birdsville (Millen)	9.4 WNW;riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT NO FACS
(A) Chatham AAF (Savannah) (A)	7.5 NW;RR E	50	70h L5	TMP INACT NO FACS
DANIEL (Augusta)	2.5 W;RR S	420	42h R2 L5 S4	80; 91 oct. No sto. Use rnwys only
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
★ Folkston Int,37,MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
(N) Glynco NAF (LTA)(N)	6.4 N;hwy SE	25	35h R2 L5 S4	91, 100 oct.
(A) Harris Neck AAF(A)	7 E of So.Newport	22	54h	CLOSED.
Hinesville	3 S; hwy W	55	24 S4	73 oct. No sto. Rdo repairs.
→HUNTER (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80, 91 oct. 120' twr on fld.
St. Marys	1.7 NNW;hwy S	24	50h	
(N) St. SIMONS ISLAND NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct No sto. Lgts on req Trees NE,W
Savannah-Wilmington (Savannah)	8 ESE; hwy N	10	28 S6	73 oct. Trees NE,SW.
(A) Statesboro AAF(A)	3.8 NE;hwy W	180	54h	CLOSED
(A) Sylvania AAF(A)	7.5 SSE;hwy E	175	50h	CLOSED
West Savannah(Savannah)	3 W; RR W,N	42	22 S6	80 oct. Pole line NW.

AIRPORTS — GEORGIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS

SOUTH CAROLINA

Aiken (old)	2 E; RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken (AAF (A)	6 NNE; RR SW	530	51h	CLOSED
Barnwell	1 WNW;hwy E	235	50h	
(A) Beaufort (A)	4 NW	38	60h	CLOSED
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
(A) CHARLESTON (mun.)	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TMP
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE. INACT;CIVIL FACS
Clark (Charleston)	4 S;riv SW	6	21 S1	80 oct. Trees surround fld.
Congaree (Columbia)	15.5 ESE;RR S	237	45h	
Donald (St.Matthews)	2.5 NNE; RR S	280	18 S1	Ltd 80 oct. Trees SE.
★ Elloree Int,25,AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
Georgetown	1 NW;riv E	12	29 S6	80,91 oct.
(P) Georgetown County	4 S;bay E	37	50h	
Hawthorne(Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct Pole line ENE.
John's Island (Charleston) (A)	7 SSW; rd W	16	50h	CLOSED
★ Lane Int,24,JX-RW	3 S;RR W	72	34 L3	
Manning (Allendale)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
(A) Myrtle Beach AAF(A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE; hwy N	320	50h	TMP INACT NO FACS
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
OWENS (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS	1.5 S	11	60h	INACTIVE (N)
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
(A) Shaw (Sumter)(A)	7 WNW;RR W	236	45h R1 L5 S6	73, 91, 100 oct. JP-1
→Sumter	1.5 NW; RR S	169	30 S6	80,91 oct. Data unver.
Trenton	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston)	5.5 W;RRs N	12	29 S6	80 oct. Poles surround fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	

NEW AIRPORTS

(A)Lexington Co.(Columbia)	7 SW; RR SE	233	36h R1 L5	Ltd 100 oct. for Army

RADIO — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANANA RIVER (Navy)	524(NPB)	MRLZ	(3)
➔ Banana River NAS	224 (142.74)	CN, 106°, 4.6	(3), 142.74
BAYARD FM	(- - -)	FM, 158°, 19	Jacksonville
BRYCEVILLE FM	(- - - -)	FM, 269°, 20.2	Jacksonville
CECIL NAAS (Jacksonville)	201 (142.74)	CN	3105;142.74 (flying hours)
DAYTONA BEACH	236(DB)(116.1)	BMLZ-DTV,101°,2.1	(4); 116.1, 122.1
DREW FIELD (Tampa)	317(126.18,118.5)	AC	(4);126.18,118.5,.22.5
FT. GEORGE ISLAND FM	(- -)	FM, 89°, 10.25	Jacksonville
JACKSONVILLE	344(JX)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Jacksonville Arpt. No. 1	278(126.18,118.5)	AC,269°, 1.7	(4); 122.5,126.18,118.5
Jacksonville NAS	365 (NIP)	MRLZ	
Jacksonville NAS	323(126.18, 142.74)	CN; 89°, 3.1	(3); 126.18,142.74
➔ Jacksonville NAS (Seaplane)	2970	CN	2870,3105 (Avail during working hrs and on 1 hrs not
MACDILL FLD (Tampa)	227 (126.18)+	CA	(3), 126.18
MAYPORT CGAS (NC)	142.74	CN	3105;140.58,142.74 (req only)
➔ MELBOURNE	257(OU)(116.1)	SBRAZ-DTV,158°,2.3	(4); 116.1,122.1
NORTH TAMPA FM	(- - - -)	FM, 355°, 10.1	Tampa
ORLANDO	206(OR)(116.1)	BMRLZ-DTV	(3); 116.1,122.1
Orlando Airport	278(126.18,118.7)	C; 220°, 3.4	(4); 118.7,122.5,126.18
PINELLAS (St. Petersburg)	272 (118.3)	CI	(4); 131.9 (8-24)
➔ TAMPA (Peter O. Knight Arpt)	388(TM)(116.1)	SBRAZ-DTV,55°,2.7	(4); 116.1,122.1
VERO BEACH NAS	242(VB)(116.1)	MHTV	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MAM–	OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

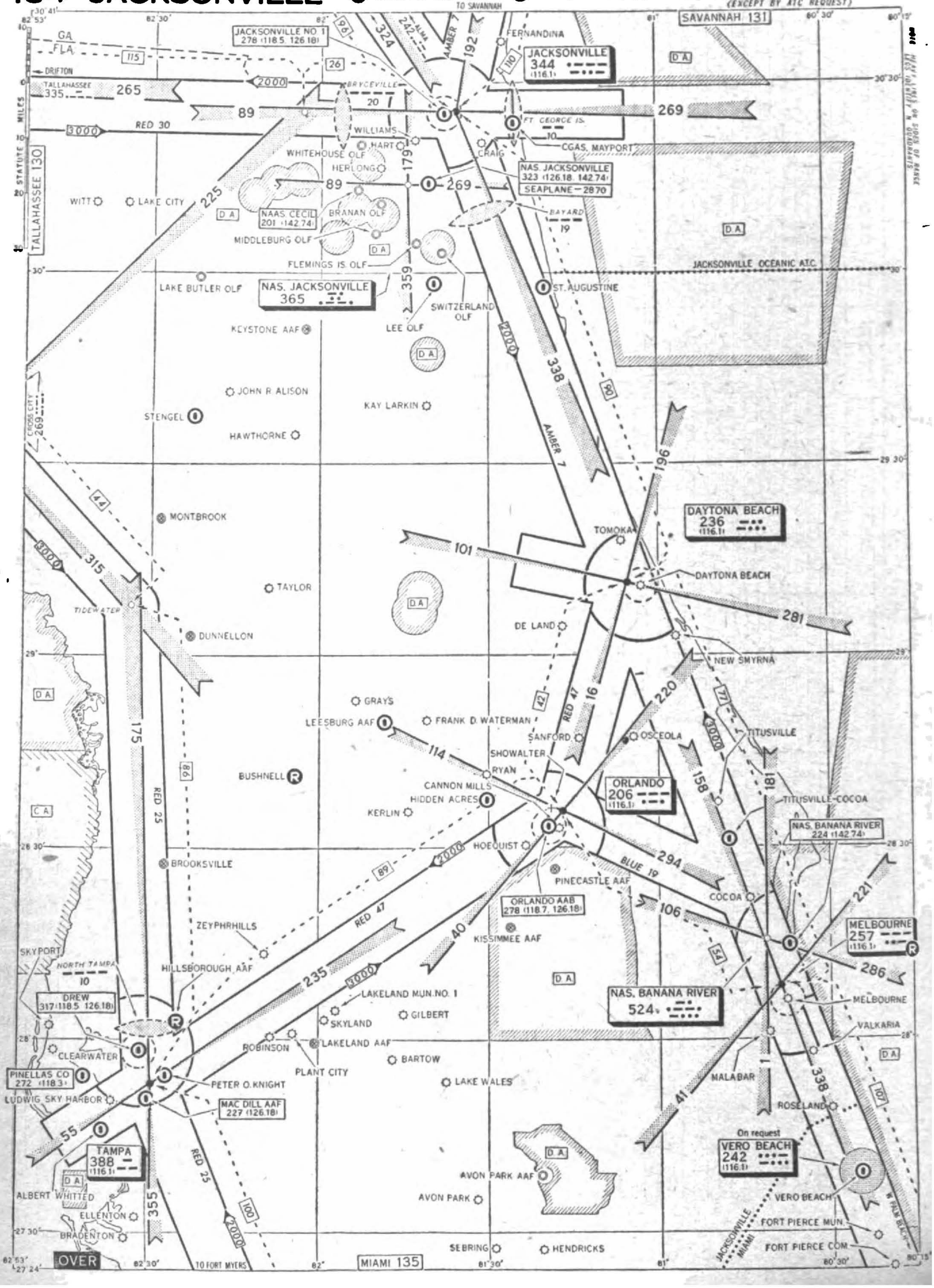
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Albert Whitted (St. Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct.Coast Gd.Stn adj.
Altoona (NC)	0.6 NW,RR E	155	25	Poles,stack NW,SW.
Avon Park	1.5 W,RR E	127	40h S1	Trees ends strips.
(A) Avon Park AAF (A)	11 ENE,lake NW	65	54h	80 oct. Trees SE.
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	TMP INACT NO FACS.
Barberville (NC)	1 SE,bet RR & rd	25	25	91 oct.No bcn.Lgts on req.
Bartow	5.5 NE,RR NW	128	50h L5 S2	Pole line E. UNUSABLE.
Bostwick (NC)	1 NW,RR E	53	34	80,91 oct.
Bradenton	0.5 S,RR NE	20	24 S1	
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	80 oct. Trees W. Poles SW.
(A) Brooksville AAF(A)	7.5 SW,hwy E	70	70h	B-2 lgts.
Bushnell	2.8 NE,hwy S	82	60h	CLOSED
Cannon Mills (Orlando)	3.8 E,hwy N	105	41 S6	N/S rnwy unusable.
(N) Cecil NAAS (Jacksonville) (N)	16 WSW,hwy NW	80	60h R2 L5 S4	80 oct. No sto. Poles sur fld.
Cedar Keys (NC)	1 W;bay S	6	24h	87,91 oct.Trees sur fld.
Cocoa	1 N,RR E	20	26 L1	
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	Pole line E, trees S, W.
(P) Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80,91 oct. No sto.
Deland	2.5 NNE,hwy S	80	60h L5 S1	80, 91 oct.
Deland-Orange City (Orange Cy)	1 SW,riv W			87,91 oct.
Drew (Tampa)	5 W,bay SW	26	70h R1 L5 S6	ABANDONED
(A) Dunnellon AAF(A)	4.5 E,hwy S	66	50h	80,91 oct. Rdo rec rqrd.
Ellenton	1.5 NNW,RR N	18	15	CLOSED
(P) Fernandina	4 S;ocean E	16	50h	P-line NE, trees SW.
(N) Flemings Island OLF (Jacksonv'l)	17.5 SSW	23	40h L	
Fort Pierce, com.	3.3 SSE,RR E	18	26 L1 S6	B-2 lgts. (N)
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	80 oct. Pole line W.
Frank D. Waterman (Eustis)	0.9 SSW;lk NNW	81	23 S1	
				80 oct. Poles SW,N,W.
Gilbert (Winter Haven)	3.5 NNW;lk W,E	135	40h S6	80,91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (NC)	1 NW	175	20 L1	
Hart (Jacksonville)	6.5 W,RR N	20	40 S6	
Hawthorne	1.2 SSE,RR W	120	24 S1	80,91 oct. Trees sur fld.
Hendricks (Sebring)	6.5 ESE,RR N	62	50h	Ltd 80 oct, Trees S,W,NE.
Hurlong (Jacksonville)	10.5 WSW	87	40h S4	
Hidden Acres (Clarcona)	1.5 WNW,lake W	93	25 S6	80, 91 oct. No sto.
(A) Hillsborough AAF(Tampa)(A)	7 NNE	67	50h	80 oct. Trees E.
Hoequist (Orlando)	3.8 SW,bet lakes	90	20 S4	CLOSED
(N) Jacksonville NAS (N)	7.2 S,riv E,N	20	60h R1 L5 S6	80 oct. No sto. Trees E.
(A) Jacksonville No. 1	6.3 N,RR W	52	70h R2 L5 S4	91,100 oct.
➔ John K. Alison (Gainesville)	4.5 NE,RR W	155	50h L5 S2	80,91 oct; 100 oct,JP-1 for Army.
(P) Kay Larkin (Palatka)	3 WNW,RR N	56	50h L5 S1	80,91 oct. Lgts prior req.
Kerlin (Minneola)	0.5 NE	100	18 S2	91 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW,RR W	192	50h	80 oct.
(A) Kissimmee AAF (A)	2 W;RR N	55	50h	CLOSED
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h	CLOSED
Lake City	3.7 ESE,RR S	201	60h	
(A) Lakeland AAF (A)	4.5 SW,RR NE	142	50h	
LAKELAND MUN. NO. 1	2.1 N;lake E	159	35h L5 S6	CLOSED
Lake Wales	2.3 WSW,RR N	225	40h L3 S6	90,91 oct.Ctc lgts on req till 2400.
(N) Lee OLF (Green Cove Springs)	2.2 SE,riv N	22	51h	80,91 oct.
(A) Leesburg AAF (A)	4 ENE,RR SE	67	50h	INACTIVE. (N)
Ludwig Sky Harbor (St.Petersb.)	6 NE;bay E	14	33 L1 S6	
(A) MacDill (Tampa)(A)	8 SSW,bay NE	9	100h R1 L5 S6	80 oct.
Malabar	7 WNW	27	40h	73-100 oct. JP-1.No sto.
(CG) Mayport CGAS (CG)	0.6 NNE,riv N	19	43h R1	
Melbourne	2.2 NW;RR E	26	43h R1	INACTIVE.
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF(A) Williston)	3.2 SSW;hwy E	70	70h	
New Smyrna	3 NNW;RR W	12	50h	CLOSED
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct;100 oct for military.No sto.
Osceola (Sanford)	10 SSE,lake SE	25	40h	
PETER O. KNIGHT (Tampa)	3.7 S,bay S,E,W	8	40h R1 L5 S6	80,91 oct. Shipyard NE.
(A) Pinecastle AAF (A)	3 ESE;lake NW	95	100h	CLOSED
PINELLAS CO. MASTER (St. Petersburg)	9.5 N;bay N	12	50h R1 L5 S6	80,91 oct.No sto.
Piper-Fuller (St.Petersburg)	4.8 WNW,RR E	21	32	
Plant City	3 E;hwy N	172	53	(NC)
Robinson (Plant City)	1.5 WSW,RR E	110	18 S1	
Roseland (Sebastian)	1.7 W;riv N,E	23	40h	80,91 oct.Pole line ESE.
Ryan (Apopka)	1 N;lake NW	104	28 S6	
St.Augustine	4 NNW;hwy W	10	42h S1	80 oct.
Sanford	2.5 SE,lk N,S	57	60h S6	80,91 oct.
Sawyer (Palatka) (NC)	2.6 S,RR SE	60	25	80, 91 oct.
Sebring	4 SW;lake NE	200	20 S1	Trees N,E,S.
Showalter Arpk. (Winter Park)	2 E;RR S		25 S4	80 oct. Pwr line SW.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct. No sto. Data unver.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct.No sto.Trees S.
Spruce Creek (Deland)	16 ENE			80 oct.No sto.P-line NE.
Stengel (Gainesville)	4 WSW,RR SE	70	38 S6	ABANDONED
(N) Switzerland OLF (N)	1.5 SE	31	40h	80 oct. Trees sur fld.
(P) Taylor (Ocala)	1 SW,RR NE	72	40h L3 S6	
(P) Titusville-Cocoa (Titusville)	6 S;riv E	35	50h S6	80,91 oct.Lgts and ngt repairs
* Titusville Int,20,MM-AG	1.3 NW,RR E	28	28 L3	80 oct. No sto. prior req.
Tomoka (Daytona Beach)	7.8 NW	29	40h	
Valkaria (Melbourne)	8 SSE;RR E	26	40h	
VERO BEACH	1 NW;RR E	24	65h R1	
Wauchula (NC)	2.1 E;riv W	120	21	
(N) Whitehouse OLF (Jacksonville)	13 W;RR S	102	40h L	Trees N,E,NE.
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	B-2 lgts. (N)
Wimauma (NC)	0.8 ESE;RR W	35	36	80 oct.No sto. P-line E.Data unver.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	Cattle on fld. Bldg W.
➔ Zephyrhills	1.5 ESE;RR W	92	50h	80 oct. No sto.
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto.Trees W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC-(not charted). ➔ NEW OR REVISED DATA

134 JACKSONVILLE

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓓ: USABLE WITH CAUTION

MIAMI 135

JACKSONVILLE 134

SARASOTA-BRADENTON
SARASOTA COM.
VENICE MUN.
VENICE AAF
PUNTA GORDA
PAGE
FORT MYERS 341
BUCKINGHAM
IMMOKALEE
NAPLES
MIAMI AREA
TO WEST PALM BEACH
NO PERRY OLF
MACARTHUR
NAS MIAMI
MASTER OLF
MIAMI OLF
MIAMI 365
MIAMI AVIATION CENTER
SUNNY SOUTH
TAMIAMI
MIAMI INTERNATIONAL-AAF
BROWN
CHAPMAN
NAS RICHMOND
SCALE OF MILES
CONVERS
RIDDLE
CLEWISTON
BELLE GLADE
WEST PALM BEACH 209
MORRISON AAF
LAKE WORTH
PALM BEACH CO PARK
BOCA RATON AAF
NO POMPANO OLF
FT. LAUDERDALE
FORMAN OLF
NAS FORT LAUDERDALE
WITHAM
BELVEDERE
HOMESTEAD MUN.
SO. DADE CO
MIAMI BAY SHORE
KEY WEST 332
NAS KEY WEST
MEACHSM
STOCK ISLAND
MARATHON

RADIO — FLORIDA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOCA RATON AAF	396 (126.18)	CA	(3), 126.18 (6-24)
FORT LAUDERDALE FM	(-)	FM, 4°, 24.4	Miami
FORT MYERS (Page)	341 (FM)(116.1)	SBRAZ-VDT,38°,3.6	(4), 116.1
KEY WEST	332 (KW)(116.1)	SBRAZ-VDT	(4), 116.1, 122.1
Key West NAS	396 (142.74)	CN, 70°, 5.8	(3);142.74 (sunrise to sunset)
Key West NAS (Seaplane) (NC)	272 (142.74)	CN	3105,142.74 (prior req.)
MASTER OLF (Miami)	382(142.74)	CN	(3); 142.74 (7-sunset)
MIAMI BAY SHORE FM	(- -)	FM, 90°, 6	Miami
→ MIAMI	365(MM)116.1	SBRAZ-VDT	(3);116.1,122.1
Miami International Arpt.	278 (126.18) (118.5)	AC, 270°, 2.3	(4); 131.9, 126.18, 118.5
MORRISON FIELD (West Palm Beach)	278 (126.18) (118.9) +	C	(4); 118.9, 126.18 122.5
STOCK ISLAND LFM	(-)	LFM, 70°, 4	Key West
WEST PALM BEACH (Morrison Field)	209 (DWZ) (116.1)	BMRAZ-VDT,89°,2.4	(3), 116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — FLORIDA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Arcadia	2 SE,hwy W	60	30	Trees around fld.
Belle Glade	1 NNE,lake W	17	27 S6	73 oct. No sto. Light acft.
(A) Boca Raton AAF (A)	2 NNW,canal E	13	64h R1 L5 S6	73, 91, 100 oct. Twr SE.
Brown (Miami)	10 SW ,RR NW	10	20 S6	80, 91 oct. No sto. Trees E.
(A) Buckingham (Ft.Myers)	10 E,riv SW	25	54h	(A) CLOSED
Carlstrom (Arcadia)	7 SSE,hwy N	56	53	
Chapman (Miami)	11.5 SSW, RR W	3	40 S6	80,91 oct. No sto. Pwr line W.
Clewiston	1.6 SW,RR N	19	30 S6	80 oct. Pole line N, E, S, W.
(A) Conners (Okeechobee)	2.5 NW, RR S	34	50h	(A) CLOSED
Dorr (Arcadia)	11.5 E,hwy N	74	53	
(N) Forman OLF (Ft. Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE
(N) Fort Lauderdale NAS (N)	3.5 SSW,RRW	10	50h S1	100 oct.Fld avail wkdays prior req
Fort Lauderdale (Oakland Park)	5.3 NNW	14	40h	Trees sur. fld.
Homestead, mun.	2 NE, rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (A)	1.3 ENE,RR W	20	50h	CLOSED
★ Immokalee Int, 13, TM-MM	5.25 SE,RR SW	23	38 L2	
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91, 100 oct. No sto.
Lake Worth	2 W,hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW,RR E	12	28h S4	80, 91 oct. No sto. Trees SE.
Marathon	1.8 ENE,hwy S	6	100h	
(N) Master OLF (Miami)(N)	8 NNW,RR W	9	74h R1 L5	Pwr line SE.
MEACHAM (Key West)	2.3 E,ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE,bay E	8	25h S6	80, 91 oct. No sto.
(A) MIAMI INTERNATIONAL - AAF	5.5 NW,RR S	9	74h R2 L5 S6	91, 100 oct. JP-1. FEE. 2-way radioon req. NE/SW rnwy abandoned, in N fld.AIRPORT OF ENTRY
(N) Miami NAS (N)	10.7 NW,canal N	9	60h L5 S6	91, 100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW,RR E	91	36h	
(A) MORRISON (West Palm Beach) (A)	2 W,canal S	15	70h R2 L5 S5	73-100 oct. FOREIGN CLEARING STATION.N/S rnwy closed.Parking apron.
Naples	2 NE,RRs E,W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N)	1.5 NE,RR W	21	40h	(Pompano)
PAGE (Ft. Myers)	4 S,RR SE	18	51h R1 L5 S6	80, 91 oct. Ground traffic
Palm Beach County Park (Lantana)	2 WNW,lake N,E	16	35h L5 S6	91 oct. Fld lgts on prior req after 2300.
(A) Punta Gorda AAF(A)	5 ESE,hwy SW	22	50h	CLOSED
Punta Gorda, mun.(NC)	3 SSE,hwy E	4	24	
(N) Richmond NAS (LTA)	15 SW Miami	13	20h	INACTIVE. (N)
(P) Riddle (Clewiston)	7.6 W,hwy N	19	30h	Use rnwys only.
SARASOTA-BRADENTON (Sarasota)	3.5 NNW,hwy W	24	50h L5 S6	80, 91 oct.
Sarasota, com.	2.5 E,RR S	25	28 S1	80 oct.
Sunny South (Miami)	6 N,hwy N	12	40 S6	80,91 oct.No sto.Rnwy data unver.
Tamiami (Miami)	12 W		35h S4	80, 91 oct. No sto. Data not verified.
(A) Venice AAF (A)	2 S,RR E	15	50h	Pole lines N, E. CLOSED
Venice, mun.	0.5 SE,RR E	20	36 S2	80 oct.
(P) Witham (Stuart)	1.5 SE,RR SW	17	50h S1	
So.Dade Co.(Homestead)	5 E	8	60h L5 S6	87 91 oct. No sto.
Belvedere (West Palm Beach)	2 SW	17	25 S5	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing(See page IX) (NC)-Not charted. →← NEW OR REVISED DATA

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK; 277°, 10.6	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL ARPT. (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	276(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3); 116.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
➤ LOS ANGELES	260(LA)(116.1)	SBRAZ-DTXV	(3); 116.1,122.1
➤ Los Angeles Airport	272(126.18,118.9)	AC(ILS):244°,3.8	(4); 126.18,118.9,122.5
➤ LOS ANGELES	109.1 (LA)	BVAR	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219 (126.18)	CI	(4); 126.18, 116.1,122.5
SANTA ANA (Navy)	472(NTK)(116.1)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req.)
SANTA MONICA AIRPORT	272 (126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

COLORADO

AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7
➤ DENVER (Stapleton Airfld)	109.1(DV)(111.1)	VAR-DTXV(9 ENE)	(3); 131.7
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122.5,126.18,118.7.
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES, CALIF.	109.9	333.8	247° Mag.	IM- (0.05)	MM-	OM- (2.45)
					MMK-	OMK-
➤ DENVER, COLO. (Stapleton)	110.3 ·-·-	335	206° Mag.	IM-	MM- ·-·- (0.64)	OM- — (4.2)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;riv E	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page. ix) NC-(not charted). ➤ NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	80,100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54		
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(P) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91,100 oct.No sto.Two-way radio required.
Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	80,91,100 oct. JP-1. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. (N)
(N) ➤ Los Angeles (Mines Field)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd..
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S. (N)
Monrovia	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	934	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	58	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No ben. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct.No sto.Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl.NAS(San Pedro)	2 ENE	14	49h R1 L6 S4	80,100 oct NAFC (N)
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT.NO FACS.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.

COLORADO

(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(A) Buckley (Denver) (A)	12.5 ESE	5582	80h	TMP INACT.NO FACS.
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct.Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1.
➤ Ruston (Denver)	10 NNW;hwy W	5550	40 S6	80,91 oct. Pole line W,SW.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct.Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.

NEW AIRPORTS

DENVER AREA (SEE CHART 27)

DENVER (VHF) W-109.1 (111.1)
DENVER 379 (111.1)
BOULDER-5350 42 S
RUSTON-5550 40 S
HUTLEDGE-5107 42 S
HAYDEN-5236 35 L S
COMBS-5276 29 S
CREIGHTON
CIVIL AIR PATROL-5328 29 S
STAPLETON 5320 70H L S-278 (118.7, 126.18)
LOWRY AAF-5417 83H L S-396 (126.18)
ENGLEWOOD-5520 45 S
SKY RANCH-5478 55 S 296
EAST COLFAX 30H
BUCKLEY AAF-5582 80H
AURORA
CHEYENNE
HENDERSON
WATKINS
BLUE
YELLOW
RED 6
AMBER 3
59
168
171
81
239
26
351
335
SCALE OF MILES
TO PETERSON AAF

TO WHEELER RIDGE
AMBER 1
137
41
CASTIAC
GALBRAITH
221
36
GREEN 4
187
PALMDALE
332
GREY BUTTE 37 H
287
BLUE 14
NEWHALL-1190 40 L S
NEWHALL 209 (116.1)
CHATSWORTH
WHITEMAN 33 H S
LOCKHEED AIR TERM-763 60H L S-278 (118.3, 126.18)
SAN FERNANDO 35 S
BURBANK
GLENDALE 371
SANTA SUSANA
CHATSWORTH 341
VAN NUYS 62 H-219 (126.18)
BURBANK 248 (116.1)
CONEJO VALLEY
GRAND CENTRAL-490 50H L S-203
MONROVIA 27 S
ROSEMEAD 30 S
BRACKETT 26 S
CABLE-CLAREMONT 30 H S
ONTARIO 62 H L S-219 (126.18, 116.1)
LOS ANGELES 260 (116.1)
SANTA MONICA-CLOVER-175 50H-272 (126.18)
EL MONTE
SKY RANCH 30 S
COMPTON CENTRAL 33 H S
DOWNEY
POMONA
CAL AERO 47 H
LOS ANGELES (VHF) 109.1
MONTEBELLO
379
VAIL 27 S
CULVER CITY 29 S
AMBER 8
BLUE
YELLOW
75
64
208
255
257
VULTEE 40H
DELPERT
BELLFLOWER
CRANFORD 27 S
LA HABRA 21
FULLERTON
GREEN 5
CORONA
CALIF. 11 CA
MILE SQUARE FARM OLF 25H
LOS ANGELES-101 51H L S-272 (118.9, 126.18)
TORRANCE
LOMITA 52 H
HAWTHORNE-64 50H-396 (126.18)
COMPTON 33 S
345
322
118
160
A-2
NAS. LOS ALAMITOS-27 60H L S-317 (142.74)
NAS. SANTA ANA (LTA)-56 30H L S-6970 (142.74)
NAS TERMINAL IS-14 49H L S-338 (142.74)
LONG BEACH-56 69H L S-347 (118.5, 126.18)
250
NAS. SANTA ANA 472
LONG BEACH 233 (116.1)
ORANGE CO 51 H S
298
340
28
70
HUNTINGTON BEACH
HUNTINGTON BEACH
NEWPORT BAYSKY
MCAS. EL TORO-380 72H L S-3295 (142.74)
CALIF. 13 D A
AMBER 1
TO OCEANSIDE
SCALE OF MILES
OVER

40°05' 40° 39°50' 39°40' 39°30'
105°40' 105°30' 105°20' 105°10' 105° 104°40' 104°30' 104°20' 104°10'
34°35' 34°30' 34°15' 34°
118°57' 118°45' 118°30' 118°15' 118° 117°45' 117°30' 117°
33°45' 33°30'

LOS ANGELES AREA (SEE CHART 82)

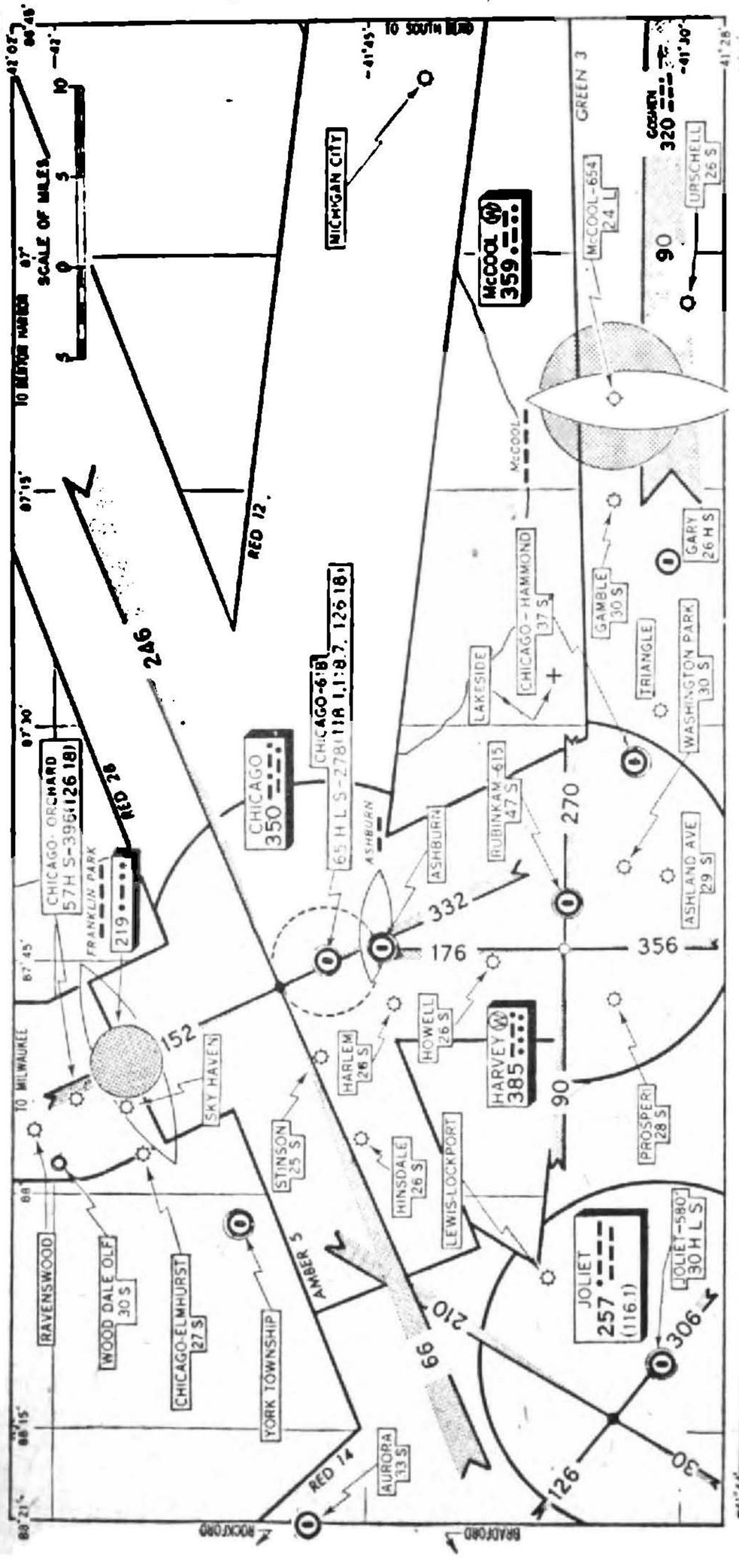
- ● DESIGNATED RADIO FIX
- ○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON EDGES OF RANGE LEGS INDICATE 'A' BOUNDARIES.

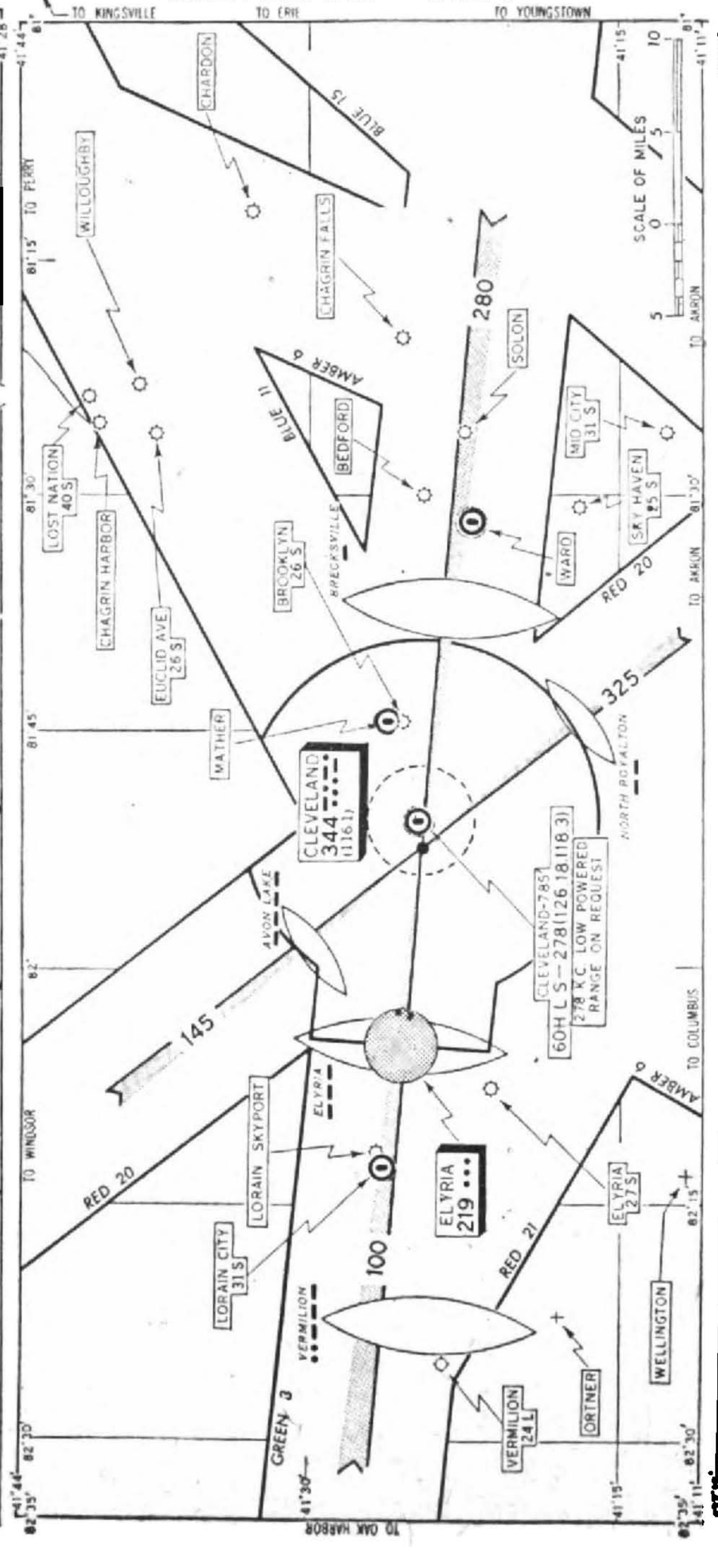
- (R): EXTREMELY HAZARDOUS
- (D): USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT BOX

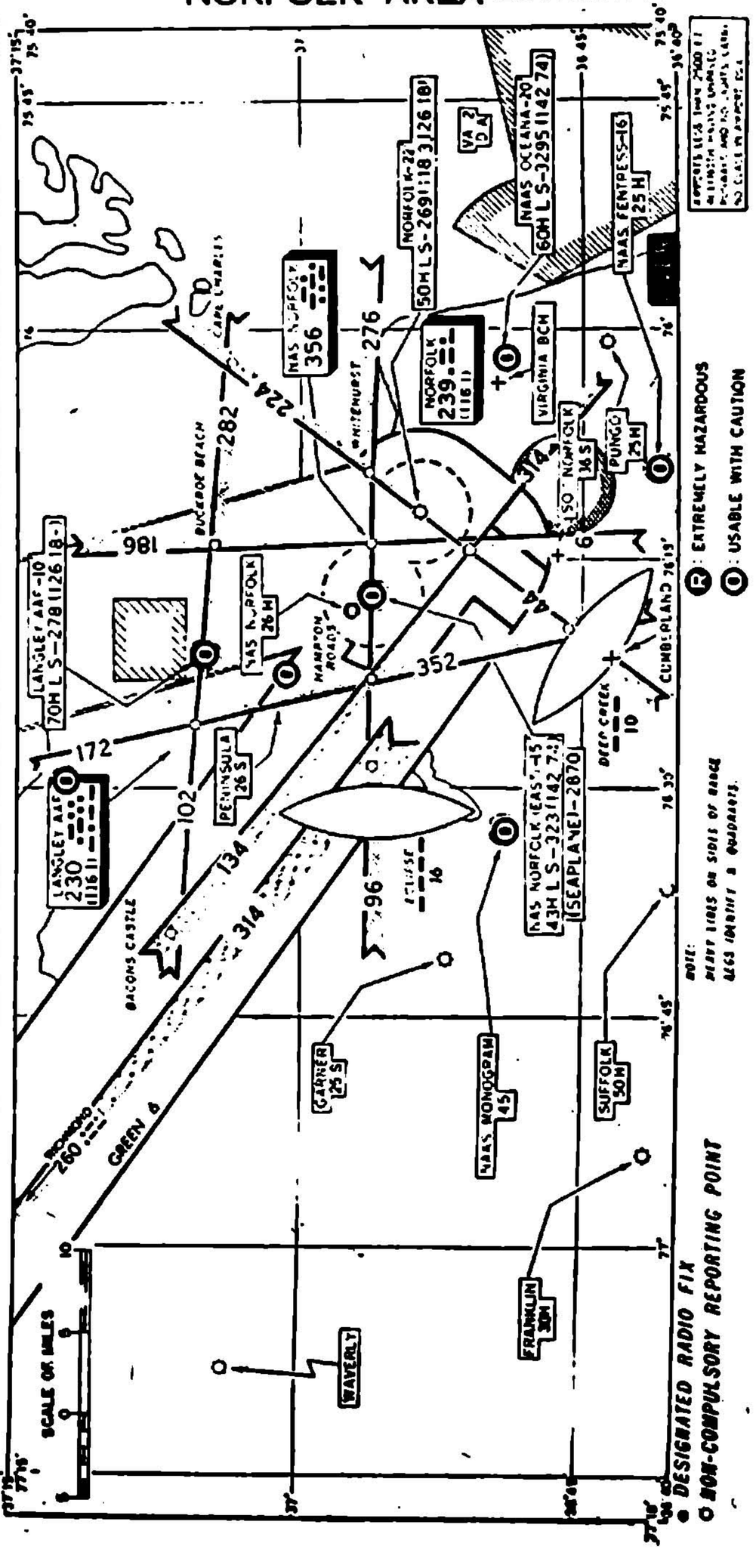
CHICAGO AREA (SEE CHART 34)



CLEVELAND AREA (SEE CHART 38)



NORFOLK AREA (SEE CHART 111)



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS*
ASHBURN LFM	(- -)	LFM,152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX	(3);116.1
→ Chicago Airport	278(126.18, 118.7,118.1)	AC (ILS);152°,2.2	(4);126,18.118.7,118.1,122.5
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
FRANKLIN PARK	219 (L)	FMK; 332°, 9.5	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-VDT; 126°,3.7	(4); 116.1
CHICAGO-ORCHARD(Chicago)	396(126.18)	C	(4);126.18
[redacted]			
MCCOOL (Int)	359(ML)	MEW	(Cont.)
MCCOOL FM	(- - - -)	FM, 270°, 67	Goshen
[redacted]			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°,13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-VDTX	(3);116.1
→ Cleveland Airport	278 (126.18) (118.3)	AC (ILS);100°,0.7	(4); 118.3, 126.18 .122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland

VIRGINIA

DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ELIZAB FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	230(DLY) (116.1)	SBMRAPZ-VDT	(3); 116.1
→ Langley Field	278 (126.18) (116.1)+	CA; 102°, 3.4	(4); 126.18 only
NORFOLK	239(NF)(116.1)	SBMRAPZ-VDT	(3);116.1
→ Norfolk Airport	269 (126.18) (118.3)	AC; 340°, 3.4	(4);122.5,126.18,118.3
Norfolk (Navy)	356 (NCU)	SBMLZ	
→ Norfolk NAS(East Fld)	323 (142.74)	CM(CCA);276°,2.9	(4); 142.74
Norfolk NAS(Seaplane)	2870	CM	2870 (7-17 & on req)
OCEANA NAAS	3295(142.74)	CM	3105,4495;142.74(765-1830)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. on mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO, ILL.	109.9		132° Mag.	IM ·····(0.04)	MM	OM --(1.89)
					MMK 201 ···(0.71)	OMK
CLEVELAND, OHIO	109.9		54° Mag.	IM ·····(0.06)	MM	OM --(4.75)
					MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct.Unsafe after rain.
Ashland Ave(Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct.Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE;stack SE.
(N) CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FCC.
Chicago-Elmhurst(Elmhurst)	2.5 N;hwy SW	707	27 S6	80,91 oct.Poles S,E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1
(P) Chicago-Hammond(Lansing)	1.5 S;RR N	660	37 L1 S6	73,80oct.Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct.Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73,80 oct. Rolling ground.
Howell (Blue Island)	3 W; hwy E	600	26 S4	80 oct. Obsts sur fld after 2400.
Joliet,22,LS-CG	5 W;riv W	580	30h R1 L4 S4	80, 91 oct.Flood lgts prior req

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page ix) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lewis-Lockport(Lockport)	2.2 WNW;hwy E	664	26 S6	80,91 oct. Twr SE.Obsts sur fld.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;hwy E	650	18 S6	80 oct. No sto.
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven(Bensenville)	1.5SE;bet RR,rd	650	23 S4	80,91 oct.Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct.Pole line S,W.
(P) Washington Park(Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct.Allway area.
→ Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW;P-line W.
York Township(Lombard)	2 SSW;hwy N	726	20 S6	80 oct.Use strips.Pole line N,E.

INDIANA

Gamble (Hobart)	1.8 NNW;hwy S	650	30 S4	73,80 oct.Obst sur fld.
Gary	6 S;hwy W	610	26h S6	80,91 oct.Trees N,E,S.
★ McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	
Michigan City	4 E;RR N	650	24 S1	80,91 oct.Pole line E,S,W.
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct.Pole line N.

OHIO

Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harb.(Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	73,80,91,100oct.JP-1.FCC. ARPT.
Elyria	1.6 SSW;RR NW	745	27 S4	80 oct. Poles SSE, S OP ENTRY
Euclid Ave.(Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
Lorain City (Lorain)	2.1 SW;RR N	610	31 S4	80 oct.Pole line NE,SE.No sto.
Lorain Skyport(Lorain)	2.8 SW; hwy W	610	29 S4	80,91 oct. P-line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct.Obsts sur fld.
Mather (Cleveland)	5 SW;RR S	760	19 S2	80 oct. Rnwy data unver.
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct.Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct.Data not verified.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80oct.No sto.Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct.Pole line SE,W.
Vermilion Int, 28,CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.

VIRGINIA

(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs,pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct.JP-1
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) " NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field.
(N) " NAS (East Field)(N)	6 N;RR SW	15	43h R2 L5 S6	91,100 oct.NATS,NAFC.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct.No bcn.
Peninsula(Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel.No sto.Data unverified.
(P) Suffolk	3.8 SSW;RR E	66	30h	
Waverly	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush sur fld.

NEW AIRPORTS

Virginia Beach Va.	4.5W;RR,hwy N	15	42 S4	80,91 oct.Pole line N.Data unver.
Lakeside (Gary) Ind.	7.5 W		35 S4	73,80 oct. Unverified.
Triangle (Dyer) Ind.	1.5 NE; RR E.	630	33 S2	80,91 oct. P-line S,SE.Bldg W.
Cumberland(Portsmouth)Va	7.5 SSW		28 S4	80 oct. Data unver.

RADIO

ILLINOIS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JERSEYVILLE FM	(-)	FM, 355°, 21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49°, 1.8	(4)

MISSOURI

LAMBERT-ST. LOUIS ARPT. (St. Louis)	278 (126.18, 142.74)	AC (ILS); 256°, 2.2	(4); 122.5, 126.18, 142.74
ST. LOUIS (Lambert-St. Louis Arpt.)	209 (LS)(116.1)	SBRAZ-DTXV	(3); 116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK; 69°, 7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.

OREGON

PORTLAND	332 (PD)(116.7	SBRAZ-VDT	(3); 116.1
Portland AAB	278 (126.18, 118.3)+	AC; 171°, 3.1	(4); 142.74, 122.5, 118.3, 126.18
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

TEXAS

ALAMO (San Antonio (San Antonio Arpt)	344 (JR)(116.1)	MLZ-VDT; 174°, 2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA; 322°, 2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254 (ZN)(116.1)	SBRAZ-VD, 107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5, 122.5, 126.18
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo.
STINSON San Antonio	209	CT	3105.6210 (10-18)

WASHINGTON

HOBART FM	(- -)	FM, 88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC; 296°, 2.8	(4); 118.3, 126.18, 140.1, 122.5
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS); 26°, 1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260 (SA)(116.1)	SBRAZ-VDTX,	(3); 116.1
SEATTLE NAS (Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3); 142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE	PLUS COMPASS LOCATORS
McCHORD, Tacoma, Wa.	109.9	333.8	337° Mag.	IM- ·····(0.26) MM- ·····(0.95)	OM- --(4.44)
ST. LOUIS, MO (Lambert)	110.3		238° Mag.	IM- ·····(0.06) MM- MMK-201···(0.60)	OM- --(4.50) OMK-
SAN ANTONIO, TEX. (Alamo	109.9	333.8	30° Mag.	IM- MM- -·-·(0.58) MMK-	OM- --(4.4) OMK-
				IM- MM- MMK-	OM- OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gundlach (Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside (E. St. Louis)	7 NNE, lake W	420	32 S6	73 oct.
Parks (E. St. Louis)	4.2 SW, RR SE	410	26 L1	25-75' obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW, RR W	420	17h S6	80,91 oct.
(A)Scott (Belleville)(A)	7.5 ENE, RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.

MISSOURI

Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis)	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE, hwy S	750	16 S2	80 oct.
Kratz (St. Charles)	1.1 ESE, RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
(N)LAMBERT-ST. LOUIS (St. Louis)	10.8 NW, hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec (Valley Pk.)	1.5 ESE, riv N	440	30 L S2	80 oct. Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW, riv N	438	20h	(St. Louis) Lgt acft only.
Ross (St. Louis)	4.8 NNW, RR SE	430	30 S6	80,91 oct. Poles sur fld.
St. Charles	5.3 NNW, RR N	470	29 S6	80 oct. Poles E, N, NE, SE.
Starling (St. Louis)	14 SSW, RR E	615	26 S4	80,91 oct. Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct. Pole line NE, N.

OREGON

Aurora Flight Strip	1.6 NNW, hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.8 WNW, RR E	200	29 S1	73 oct. Pwr line NNE.
Bernard (Beaverton)	1.4 NNW, RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct. Pwr line NE, SW
Columbia Co. (Scappoose)	1.2 NE, RR W	55	40h L S6	80 oct. Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE, RR NW	200	16	Obsts ENE, WSW. Ditch around strip
Green Acres (Mulino)	1.9 SSW, RR W	269	18 S4	73,80 oct. No sto. Obst
Hillsboro	2.4 ENE, RR S	200	41h L5 S6	73,80 oct. No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE, riv N	19	55h R2 L6 S6	100 oct; Ltd 73 oct. JP-1 No sto. Pole W, lgtd.
Portland Birdsdale	8.5 E, RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W, RR S	285	26 S5	73 oct. No sto. Pwr line E
Sky Park (Oregon City)	2.7 SE, RR NW	440	27 S6	80 oct. P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E, riv SW; RR N	173	23 S2	Ltd 80 oct. Trees NNE.
Troh's Skyport (Portland)	6 E, riv N	250	26 S6	80,91 oct.
Troutdale	1 NW, RR S	34	46h L3 S6	73,80 oct.

TEXAS

Bexar Co. (San Antonio)	7.1 SSW, rd W	640	32 S6	80,91 oct. Poles, trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE, RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W, hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 [illegible], RR SE	780	16 S1	80 oct.
Hurt (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW, RR NE	676	75h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
Kuehler (New Braunfels)	1.7 SE, riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S, RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct. Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E, RR S	660	30h	
Mission (San Antonio)	4.5 S, hwy E	567	23 S6	80 oct. No sto. P-line NNE
(A)Randolph (San Antonio)	15.8 ENE, RR NW	752	70h R2 L5 S6	91,100 oct. No sto. (A)
SAN ANTONIO MUN.-ALAMO	7.8 N, RR SE	783	55h R3 L6 S2	73,80 oct.
Stinson (San Antonio)	6.2 SSE, RR E	567	49h R1	
Yates (San Antonio)	13.7 N, hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE, hwy NW	610	30h	

WASHINGTON

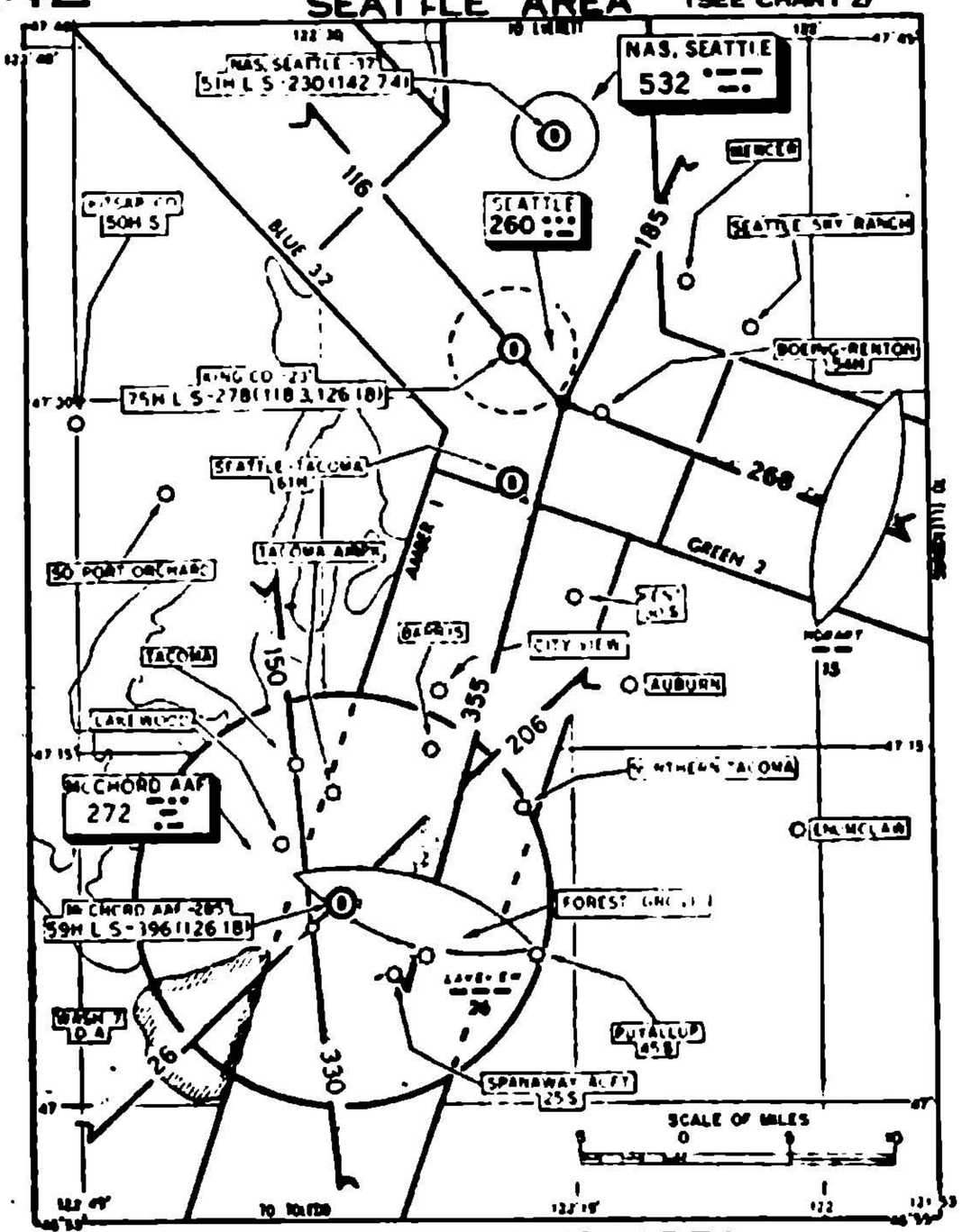
Auburn	1.8 ESE, hwy S	276	20 S6	80 oct. Trees.
Barrys Sky Harbor (Tacoma)	2.3 ENE, riv SW	4	21 S3	80 oct. Pole line E.
Boeing-Renton (Renton)	0.9 NW, lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW, hwy E	740	20 S2	Ltd 80 oct. Pwr line E.
Forrest Grove (Spanaway)	1.8 E, RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N, hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW, riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	6 S, riv SW	23	75h R2 L5 S6	80-100 oct. No sto. ARPT OF ENTRY.
Kitsap Co. (Bremerton)	8 SW, hwy NW	482	50h L5 S6	80,91 oct. No sto. Lgts on req.
Lakewood (Tacoma)	7.5 SSW, RR E	243	22 S1	80 oct. Trees ENE, WSW
(A)McChord (Tacoma) (A)	7 SSW, lake SE	285	59h R3 L5 S6	73,91,100 oct. JP-1. FOREIGN CLEAR STN
Mercer (Bellevue)	4.1 ESE, lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N, RR N,S	20	19	
Puyallup	6 S, hwy W	520	45 S6	80,91 oct. Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE, hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW, hwy S	50	25 S6	80,91 oct. No sto. Hill S.
(N)Seattle NAS (N)	6.5 NNE, lake E	37	51h R1(L6) S6	91,100 oct.
(N)Seattle-Tacoma (Seattle)	10.5 S, RR E	405	61h	Trees and hills sur. fld.
South Port Orchard (Port Orchard)	7.5 SSW, lake S	350	19 S4	80 oct. No sto. Trees N, S.
Spanaway Aircraft Co. (Spanaway)	1.2 SSE, RR S	375	25 S1	80 oct. Pole line S.
Tacoma	4.4 W, hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW, RR E	250	20 S4	80 oct. Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct. No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.

NEW AIRPORTS

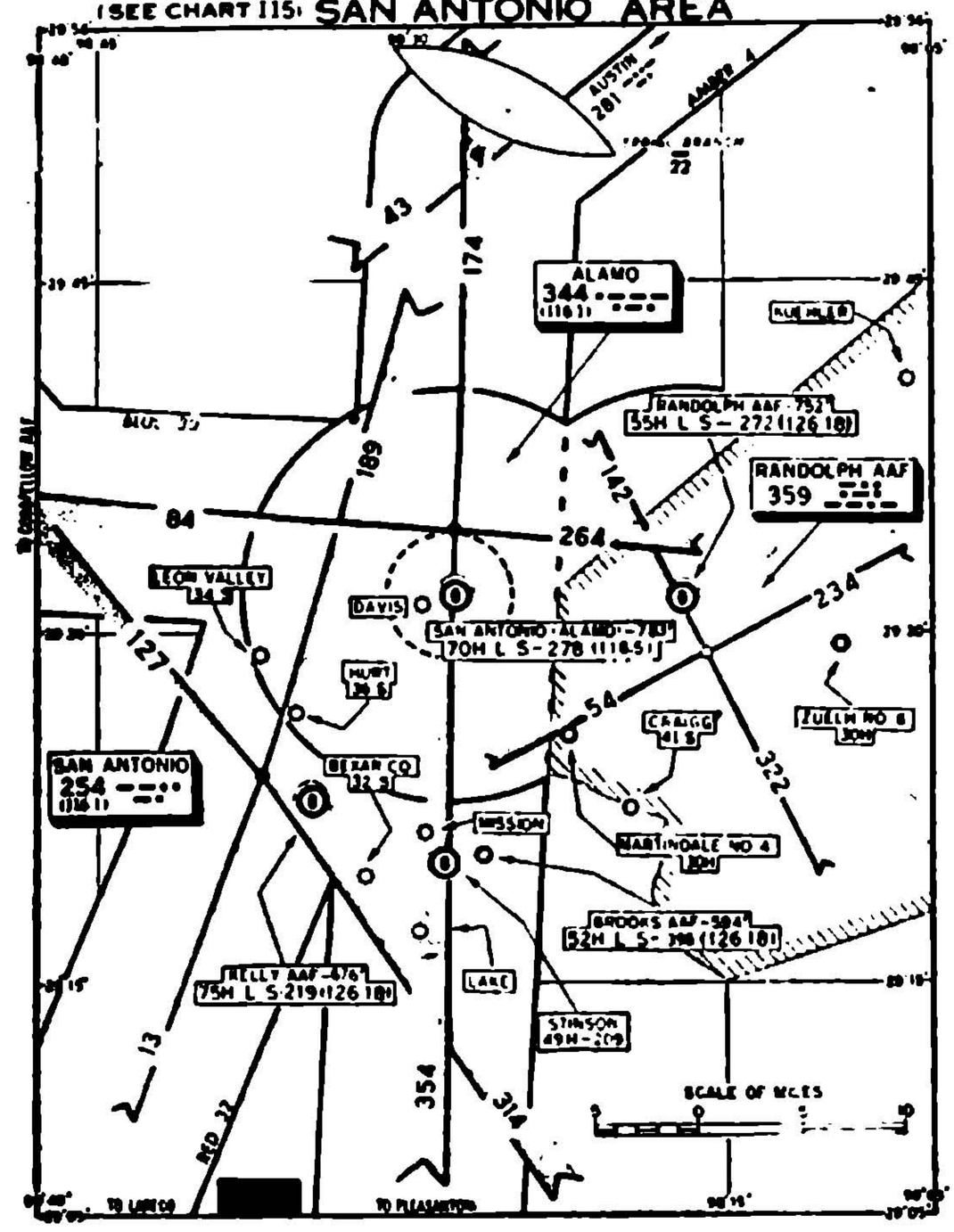
Edwardsville (Ill.)	3.4 E; RR N	555	21 S2	No fuel. Pole line E, S.
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted) → NEW OR REVISED DATA

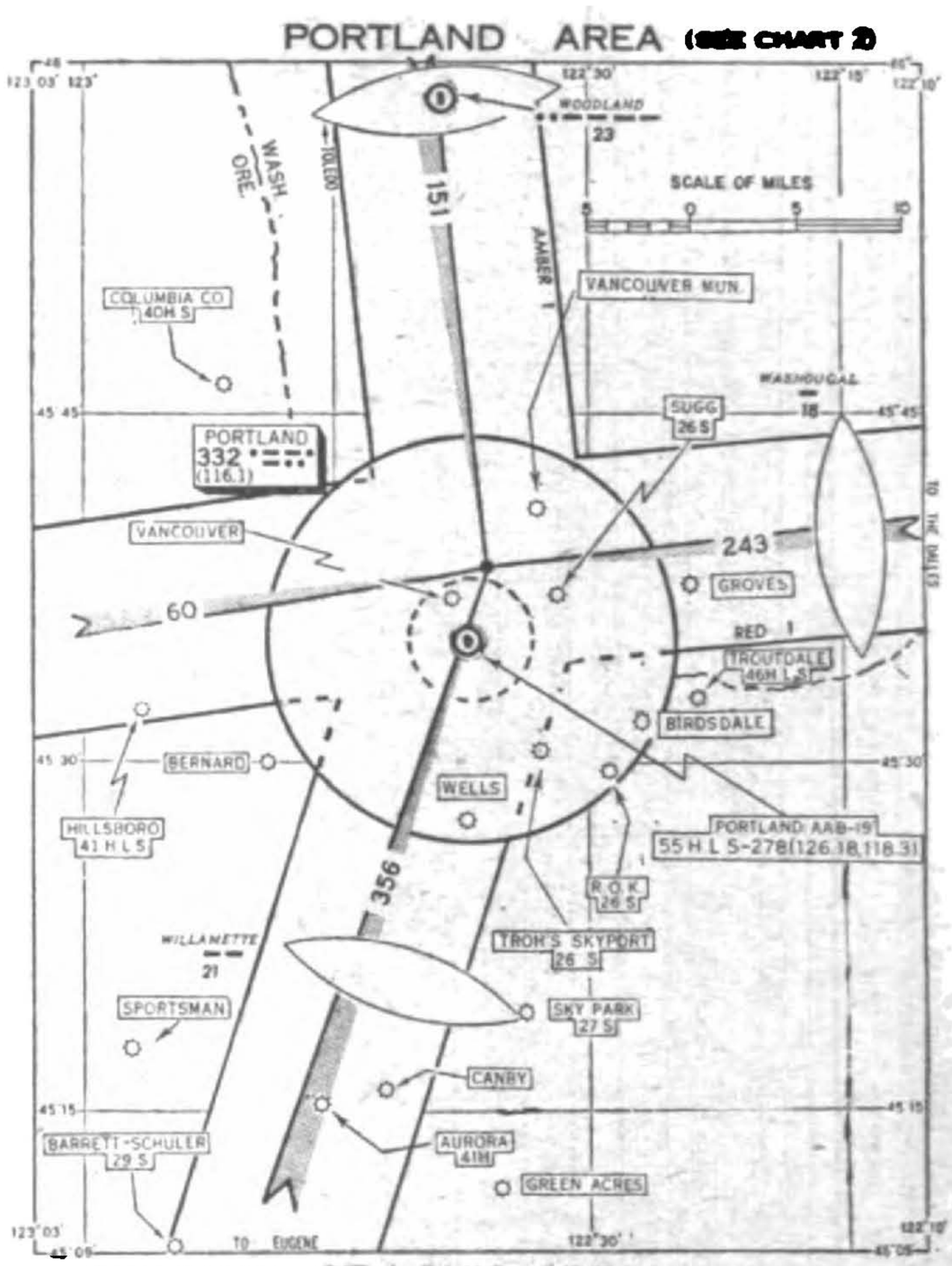
SEATTLE AREA (SEE CHART 2)



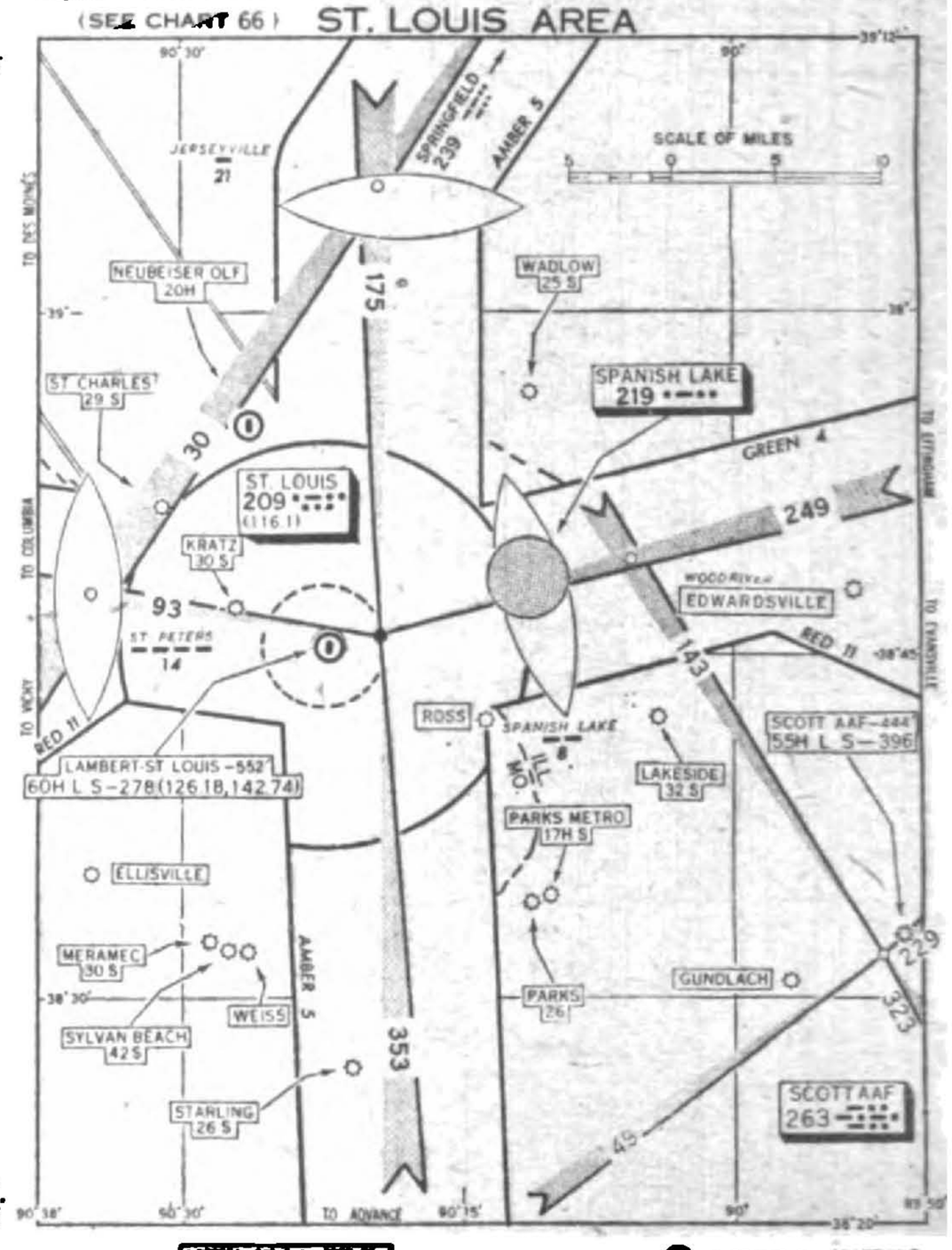
(SEE CHART 115) SAN ANTONIO AREA



PORTLAND AREA (SEE CHART 2)



(SEE CHART 66) ST. LOUIS AREA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE
HEAVY LINES ON SIDES OF AIRWAY
MEAN HOURLY & DAYLIGHT.

AIRPORTS LEVEL FROM 3500 FT
NO LEVEL OR GRADE, LIGHTED
RUNWAYS AND NO LIGHTS. CHECK
AIR CHART OR AIRPORT SIGN

⊖: EXTREMELY HAZARDOUS

⊜: USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
CALIFORNIA				
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
CONNECTICUT				
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 141				
FLORIDA				
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct. Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl L4 S4	87,91 oct. Ramps; all facs.
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
→ Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S1	80,91 oct. Ramps. All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
ILLINOIS				
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
IOWA				
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
LOUISIANA				
→ Shreveport, Cross Lake	5 NW	170	100 S4	80 oct.dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
MAINE				
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE	200	50 S1	73 oct. Ramp; dock.
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
→ Shinn Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
MARYLAND				
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
(N) Baltimore,Middle River NAF	10 E	S.L.	Unl S6	91,100 oct. Ramp; buoys. (N)
Baltimore	7 S;bay E		Unl L1 S4	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
MASSACHUSETTS				
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
→ " Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
MICHIGAN				
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
MINNESOTA				
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
MISSISSIPPI				
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
NEW HAMPSHIRE				
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
NEW JERSEY				
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

R-radio facilities. L-lighting facilities. S-servicing. (See page ix) → NEW OR REVISED DATA N.B.

CITY-AIRPORT NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N) New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N) Quonset Pt.NAS (Providence)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs. (N).
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

CITY-AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N) Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3 7 SSE;RR W	220	32 S4	80 oct. Trees sur lake.
(N) Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp: all fac prior req.
Orlando,Davis-Big Lake Airview (Fla.)	2.5 NW	50	80 S1	80 oct.Ramp, dock
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.

CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

NOTICES TO AIRMEN

INTRODUCTION

✓ **PROCEDURAL STATEMENT:** The "Airman's Guide" no longer has a separate section for the DIRECTORY OF AIRPORT or the AIR NAVIGATION RADIO AIDS. These two sections are now inserted as data pages between the flight planning charts. To retain the two-page chart flow, however, the data pages are found on the reverse sides of the charts rather than facing them. On the data pages are tabulated all the data covering the facilities charts on the reverse sides and formerly found in the DIRECTORY OF AIRPORTS and AIR NAVIGATION RADIO AIDS sections.

To facilitate reference to a particular facility, an Index of Facility Locations with the parenthetical number of the page on which the locale is charted has been added to the revised AIRMAN'S GUIDE, e.g., Chicago (139). On the back of page 139 will be found the Air Navigation Radio Aids and the Directory of Airports data covering Chicago.

Because of the serious paper shortage every means of reducing the Airman's Guide bulk has been investigated. Codification and considerable abbreviation are already being utilized. No material may be deleted, however, in this paper conservation program because surveys have revealed that subscribers consider all parts of the Guide essential. Consequently, about the ultimate step in this bulk-reduction direction has just been taken. The data pages backing the charts now serve, where possible, as notam pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with Ⓡ (for red flag) symbols on the charts, are now cited in the Notices to Airmen section

Notamizing on the charts is effected by use of the super-imposed Ⓡ and Ⓞ symbols. The Ⓡ (for red flag) indicates a very hazardous condition or a major change. The Ⓞ symbol (for orange flag) indicates a minor change or hazardous condition with the facility still usable with caution. The pertinent details to which these symbols refer will be found listed in the Notices to Airmen section under the facility name (and state) by which they are charted.

Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication. All changes from the previous issue, whether cited in the Notices to Airmen section, or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes. Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted. This is a tinted horizontal line following the last tabulated facility and titled either New Radio Facilities or New Airports.

Space below the tinted horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data, but new airports and radio aids are listed, necessarily out of alphabetical alignment, below the tinted horizontal lines until the page is re-typed.

In summation: (a) On the data pages backing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen, citations covering new or revised radio data are prefixed by one large star "★". Citations covering new or revised airport, or miscellaneous data, are prefixed by two asterisks "**".

All temporary conditions (field soft, runway under construction, range course out of alignment, etc.) are cited in full until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported.

To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

SPECIAL NOTICES

CIVIL FACILITY DATA: Please advise immediately the Office of Aviation Information, Attention A-250, C.A.A., Department of Commerce, Washington 25, D.C., whenever temporary conditions covering civil airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civil fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any Army airfields to transient military aircraft for a period in excess of 10 days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D.C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

✓ USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 95-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 95-2 and AAF Regulation 95-2A, which state in part: "The use by Army aircraft of civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Federal Government, is not authorized except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major AAF command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks Section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks Section of the flight plan as "authorized flight".

All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major AAF commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) "Official Business", within the meaning of AAF Regulation 95-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions

✓ Indicates new or revised Special Notice

in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy on Army Use of Temporarily Inactive Army Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein by the following notice: "Army temp inactive - civil facs". (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the commanding officer of the organization to which the aircraft is assigned. Such airfields will be identified herein by the following notice: "Temp inactive-no facs." Above policy statement is not to be construed as countermanding any AAF regulations or letters governing command use of municipal airports or Army airfields.

(4) "CLOSED" Army Airfields. Certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed from time to time as "CLOSED" under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF. Such airfields will be used on official business only under written orders in each case.

CHANGES IN LISTING PROCEDURE FOR ARMY AIR FORCE AIRFIELDS: In an effort to simplify the use of the Airman's Guide within the printing limitations imposed by the Government Printing Office, notices on Army airfields that are closed or temporarily inactive or surplus to Army Air Forces will be carried in the Directory of Airports section thereby eliminating the necessity for checking in more than one section to obtain the correct status of an airport. Minor restrictions such as hours of operation, service, and hazards will continue to be listed in the Notices to Airmen Section. The following procedure is now in effect:

(a) The term "CLOSED" will be shown in Directory Section only, for all AAF airfields that are closed to all transient traffic except on official business or in emergency. The legend page of the Directory will give such a definition for "CLOSED". Airports that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the W.A.A. will also be listed as "CLOSED".

(b) AAF airfields that now carry notices of "Army temp inactive-civil facs" or "Temp inactive. No facs (See Special Notice re use)" will now have such citations carried in the Directory Section only.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-5D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with T.O. 01-230 HB-13 and -14.

*R-5D helicopters No. 43-46643 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4 Army aircraft with destinations listed as follows or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. ALASKA - McChord Field, Wash.; or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N. Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change. Reference: AAF Regulations 15-25 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. In addition to the Flight Service clearance, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communication stations as heretofore required, and will then make position reports to AACS Airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.15 mc.	CAA AIRWAYS (RANGE STATIONS)	*AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	*Control Towers
D	140.58 mc.	MILITARY EMERGENCY AND GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.
(10) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 " 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Detroit Cincinnati St. Louis Chicago	Wright Flight Service Center Dayton, Ohio	Osborn 88691,88692
Fort Worth San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107,7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 770
Great Falls Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

RESTRICTION ON FLIGHT OF AAF AIRCRAFT IN NEW YORK CITY AREA: No AAF aircraft except those on scheduled transport operations will be cleared to New York City Area unless point of first intended landing is Mitchel Field, Hempstead, L.I., N.Y. When instrument conditions prevail in New York City Area, no Army aircraft except those on scheduled transport operations will land at or take off from other than Mitchel Field. When contact conditions prevail in New York City Area, aircraft which have been cleared for Mitchel Field but which desire to land at other authorized fields in New York City Area will, when approaching New York City Area, obtain clearance from Olmsted Flight Service Center, through normal communication means. For purposes of these instructions, New York City Area is defined as a circle 50 miles in diameter centered on southern tip of Manhattan Island. Contact Weather New York Area will be considered to be 2000' ceiling, 3 miles visibility, both day and night. When cloud conditions exist below 2000', flight conditions will be considered IFR.

STANDARD NAVY GROUND CONTROL APPROACH FREQUENCY ASSIGNMENTS: Allocations of frequencies, both HF and VHF, for Navy GCA use have been coordinated with AAF. Universal frequencies allocated primarily for Navy GCA operational use are as follows: HF Communications - 3475, 4890, 6640 kcs.; VHF Communications - 134.64, 142.02, 143.64 mcs. As a safety precaution, Navy GCA Units will also be prepared to control aircraft on 140.58 mcs., the Navy emergency frequency. To provide a means whereby Navy aircraft may receive assistance from Army GCA Units and vice-versa, the following agreement will govern: (a) Army GCA Units will at all times be prepared to control Navy Aircraft on 140.58 mcs. (b) Navy GCA Units will be prepared to control AAF aircraft on 140.58 mcs. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instructions. The pilot will then be instructed as to the proper frequency for contacting the GCA Unit. Navy GCA Operati onal Units are located as follows: Whidbey Island NAS, Wash.; Charlestown NAAS, R.I.; Oakland NAS, Calif.; Miramar MCAS, Calif.; Seattle NAS, Wash.; Olathe NAS, Kans.; Norfolk NAS (East), Va.; Patuxent River NAS, Md.

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS FOR CFR FLIGHTS, CANADIAN INSTRUMENT FLIGHT RULE FLIGHT, FLIGHT INTO PANAMA CANAL ZONE, CARIBBEAN AREA - RADIOBEACONS FOR USE WITH ADF: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated January 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

AIRPORTS OF ENTRY: Correct Flight Information Manual, Volume 1, No. 2, dated January 1, 1947, by adding Akron Arpt., Ohio; Baudette Arpt., Minn.; and Chalks Seaplane Base, Miami, Fla.; and by revising the listing to read as follows: Presque Isle AAF, Me. Pembina Int. Field, N. D.; Eagle Pass Mun. Arpt., Tex.; and Dinner Key Coast Guard Air Station, Florida.

SAN JUAN, P.R. PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan, P. R., is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D.C. The Commanding Officer NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grande Airport.

MEHRABAL AIRPORT, TEHRAN FACILITIES: Following services available daily from 0230 to 1430Z GMT; point to point on 6690 kcs, call sign EPD; air to ground on 6590 kcs, call sign EPD; and tower radio telephone on 6640 kcs, call Mehrabal. MF beacon is also available on 310 kcs. on request, call sign TR.

✓STANLEY FIELD, BELIZE, BRITISH HONDURAS FACILITIES: Civil Airport - Located at lat. 17-32-10 N, long 88-18-20 W. Elev. 16'. One rnwy: 5000 x 150' ENE/WSW. Surround country: SW quadrant highest level 3700', 55 mi. distant, all other approaches flat. 91,100 oct. No night lighting facilities. Radio facs.: Radio beacon identification is "BZ". Transmits on 392 kcs, Type A2 emission; Twr transmits on 4575 kcs., guards 6210 kcs., Type A3 emission; ground-air-ground transmits on 6515 kcs., guards 6515 kcs., Type A3 emission; A/C Guard transmits on 6720 kcs., guards 6720 kcs. Type A1 emission. Facilities available between the hours of 1330Z and 2400Z.

✓PANAMA CANAL ZONE CLEARANCE AND ROUTE FREQUENCIES: Balboa Overseas-Foreign Aeronautical Communications Station WHZ continuously guards 3105 and 6210 kcs. for calls from itinerant aircraft. Calls will be answered on route frequencies as follows: Balboa-San Jose-Managua 3082.5/5162.5 kc voice. Balboa-Barranquilla-La Guria. Balboa-Turbo-Medillen 3057.5/5602.5 kc voice. Balboa-Kingston. Balboa-Habana 3082.5/5692.5 kc voice. Balboa-Guayaquil 3076/6597 kc CW. Army clearance required prior to entering zone 200 mile radius Balboa.

✓NORTH ATLANTIC OCEAN STATION VESSELS: Commander, North Atlantic Ocean Patrol has advised that, effective 0001 GMT, January 15, 1947, all ocean station vessels began guarding distress frequency 140.58 mcs continuously at sea in addition to distress frequencies 500 and 8280 kcs. Ocean station vessels will continue to guard 116.1 mcs., when on station for routine VHF communications.

✓GUARDING OF 3117.5 KCS. BY CAA AIRWAY COMMUNICATIONS STATIONS: All airway communications stations located at points also served by CAA airport traffic control towers discontinued continuous listening watches on 3117.5 kcs. Hereafter, communications stations at these locations will establish watches on 3117.5 kcs. upon "request" and during such hours as the associated tower is closed.

✓NEW PRIVATE FLIER FREQUENCIES: All C.A.A. Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for transmission to CAA communications stations and 122.5 mcs. for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

✓C.A.A. COMMUNICATIONS STATIONS GUARDING 122.1 MCS.: CALIFORNIA - Los Angeles, Oakland; FLORIDA - Daytona Beach, Jacksonville, Key West, Melbourne, Orlando, Tallahassee, Tampa, W. Palm Beach, Miami; GEORGIA - Alma, Atlanta, Macon, Savannah; IOWA - Des Moines; MISSISSIPPI - Jackson; MONTANA - Helena; OREGON - Pendleton; SOUTH CAROLINA - Charleston; TENNESSEE - Knoxville, Memphis, Nashville; WASHINGTON - Yakima; MISSOURI - Kansas City.

✓C. A. A. TOWERS GUARDING 122.5 MCS.: ALABAMA - Birmingham Airport; ARIZONA - Sky Harbor Airport, Phoenix; Winslow Airport; ARKANSAS - Adams Field, Little Rock; CALIFORNIA - Bakersfield-Kern County Airport; Grand Central Airport, Glendale; Lindbergh Field, San Diego; Lockheed Air Terminal, Burbank; Long Beach Airport; Los Angeles Airport; Oakland Airport; Ontario Airport; San Francisco Airport; Santa Barbara Airport; COLORADO - Stapleton Airfield, Denver; CONNECTICUT - Brainard Field, Hartford; Bridgeport Airport; FLORIDA - Dale Mabry Field, Tallahassee; Drew Field, Tampa; Jacksonville Airport #1; Morrison Field, West Palm Beach; Orlando AAB; GEORGIA - Atlanta Airport; Daniel Field, Augusta; Hunter Field, Savannah; IDAHO - Gowen Field, Boise; ILLINOIS - Chicago Airport; INDIANA - Bendix Airport, South Bend; Evansville Airport; Indianapolis Airport; IOWA - Des Moines Airport; Sioux City Airport; KANSAS - Fairfax Field, Kansas City; Wichita Airport; KENTUCKY - Bowman Field, Louisville; Greater Cincinnati Arpt., Covington; LOUISIANA - Moisant International Airport, New Orleans; Shreveport Airport; MARYLAND - Baltimore Airport; MASSACHUSETTS - Logan Airport, Boston; MINNESOTA - Rochester Airport; Wold Chamberlain Field, Minneapolis; MISSISSIPPI - Jackson Airport; MISSOURI - Kansas City Airport; Lambert Field-St. Louis Airport, St. Louis; MONTANA - Billings Airport; Great Falls AAF; Helena Airport; NEBRASKA - Omaha Arpt.; NEVADA - Las Vegas AAF; NEW JERSEY - Newark Airport; NEW MEXICO - Kirtland Field, Albuquerque; NEW YORK - Albany Airport; Buffalo Airport; La Guardia Field, New York; NORTH CAROLINA - Douglas Airport, Charlotte; Greensboro Airport; Smith Reynolds Airport, Winston-Salem; NORTH DAKOTA - Fargo Airport-Hector Field, Fargo; OHIO - Akron Airport; Cleveland Airport; Dayton Airport; Lunken Airport, Cincinnati; Port Columbus NAF; OKLAHOMA - Tulsa Airport; Will Rogers Field, Oklahoma City; OREGON - Medford AAF; Pendleton Airport; Portland AAB; PENNSYLVANIA - Allegheny County Airport, Pittsburgh; Harrisburg State Airport; RHODE ISLAND - Theodore Francis Greene Airport, Providence; SOUTH CAROLINA - Charleston Municipal Arpt.; Memorial Airport, Spartanburg; TENNESSEE - Berry Field, Nashville; Chattanooga Airport-Lovell Field; Knoxville-McGhee Tyson Airport; Memphis Airport; TEXAS - Abilene Air Terminal; Big Spring Airport; Cliff Maus Field, Corpus Christi; El Paso Airport-Ed Anderson Field; English Field, Amarillo; Houston Airport; Love Field, Dallas; Meacham Field, Fort Worth; Rio Grande Valley International Airport, Brownsville; Robert Mueller Airport, Austin; San Antonio Airport-Alamo Field; UTAH - Salt Lake City Airport #1; VERMONT - Burlington Airport; VA.-Norfolk Arpt.; Richmond AAB; Woodrum Field, Roanoke; WASHINGTON - Felts Field, Spokane; King County Airport, Seattle; Yakima County Airport; WISCONSIN - General Mitchell Field, Milwaukee; WYOMING - Cheyenne Airport.

✓U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

✓RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

✓PILOTS' ATTITUDE TOWARD FEDERAL AIRWAYS LIGHTING FACILITIES: The CAA is conducting a survey to ascertain from pilots throughout the United States whether or not airway beacons and course lights are aids to flying safety. The results of this survey will determine the future policy as regards the retention of these beacons and lights. The questionnaires (Form ACA-1691) are now being distributed. It will be appreciated if all concerned will cooperate by completing this form and forwarding it to the Civil Aeronautics Administration, Assistant Administrator for Federal Airways, Washington 25, D.C., Attention: A-54, within ten days after receipt.

PRE-FLIGHT SERVICE: Pilots desiring to file flight plans are requested to do so with any CAA Airway Communications Station by personally visiting the station or by telephone. Radio should be used for filing flight plans only as a last resort. Pilots are urged to visit communications station to obtain authentic flight information and assistance in planning their flights. Personnel at these stations are trained to render flight planning assistance. An objective of CAA pre-flight service is to encourage pilots to familiarize themselves with flight conditions prior to commencing cross country flight.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Effective Feb. 18, 1947, revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids will be placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

NEW YORK OCEANIC AIR TRAFFIC CONTROL PROCEDURES: For the information of those agencies intending trans-oceanic operations in the New York Oceanic Control Area and which are not in possession of PICAO manuals for procedures the following is promulgated: The New York Oceanic Airway Traffic Control Area has been activated in accordance with PICAO directives and New York Oceanic Traffic Control Operations Letter No. 1.

This area is bounded on the N by the 43rd parallel, on the E by the 45th meridian, on the S by the 30th parallel, on the W by a line paralleling the E Coast of the U.S. 100 nautical miles off-shore.

All aircraft operating therein must do so under an approved instrument flight plan, the composition of which follows: aircraft registration, aircraft radio call, type of aircraft, person in command, point of departure, cruising altitude, route of flight, point of first intended landing, proposed true airspeed, transmitting and receiving frequencies, proposed or actual departure time, estimated elapsed time to arrival point, alternate airdrome, amount of fuel in pounds, any other pertinent data deemed necessary for control purposes. Flight plans shall be addressed to New York Ocean Control (preferably through WSY, New York) prior to entering this area.

Position reports transmitted by radio telegraphy will be composed in the following abbreviated form: the position will be determined as soon as practicable after the first hour of flight and each hour thereafter, and the reports transmitted to the ground station at the the earliest opportunity. Standard position reports shall be in the following form: U G G G G Q L L L L Long Long Long Long PD Fox Charlie Tare 1 Tare 2 Tare 3 and Sugar 1 Sugar 2 Sugar 3 How 1 How 2 How 3 Fox 1 Fox 2 Fox 3 Fox 4 Fox 5.

Position report code Uncle, indication by one figure of the system of units utilized according to the following: 0 for metric system, 5 for English system. George indication of time given in hour figures based on GMT. Queen indication by 1 figure of octant in which aircraft is situated according to the following: N lat. 0 equals 0° to 90°; W 1 equals 90° W to 180°; 2 equals 180° to 90° E; 3 equals 90° E to 0°; S lat 5 equals 0° to 90° W; 6 equals 90° W to 180°; 7 equals 180° to 90° E; 8 equals 90° to 0°. Love indication of lat. in 4 figures (degrees and minutes); long. indication of longitude in 4 figures (degrees and minutes) dropping hundredths degrees. Peter Dog indication by 1 figure of means used to determine the position according to the following: 1 equals dead reckoning; 2 equals single position line; 3 equals single radio bearing position line; 4 equals radio fix; 5 equals celestial fix; 6 equals visual or ground fix; 7 equals Loran or console fix; 8 equals radar fix George Easy, Easy; 9 equals celestial and radio fix. Fox Charlie indication by 1 figure, flight conditions according to the following: 0 equals visual flight rules at all levels; 1 equals visual flight low clouds; 2 equals on top; 3 equals between layers; 4 equals medium icing; 5 equals heavy icing; 6 equals in and out of clouds 25% IFR; 7 equals ditto 50% IFR; 8 equals in and out of clouds 75% IFR; 9 equals continuous IFR; Tare one, Tare two, Tare three indication of true track in degrees given in three figures. Tare one equals hundredths; Tare 2 equals tenths; Tare 3 equals single unit. Sugar 1, Sugar 2, Sugar 3 indication of ground speed in 3 figures, Sugar 1 in hundredths; Sugar 2 equals tenths; Sugar 3 equals single unit. How 1, How 2, How 3 indication of altitude in 3 figures. How 1 equals ten thousands of feet or thousands of meters; How 2 equals thousands of feet or hundreds of meters; How 3 equals hundreds of feet or tenths of meters. Fox 1, Fox 2, Fox 3, Fox 4, Fox 5 weight of fuel used given in 5 figures. Fox 1 equals ten thousands; Fox 2 thousands; Fox 3 hundredths; Fox 4 equals tenths, Fox 5 equals single units. Units to be used ground speed; metric system kilometers per hour, English system knots; altitude: metric system tenths of meters; English system hundreds of feet; weight of fuel: English system pounds.

Example message: "0 1 4 1 5 0 3 0 4 5 5 3 3 0 7 2 2 9 0 3 2 5 1 2 5 0 2 4 5 0" meaning "at 1 4 1 5 GMT, position lat. 30°45' N, long. 53° 30' W Loran or Console determined position - on top - true track 290° - groundspeed 325 M.P.H. - altitude 12,500' - weight of fuel used 2450 lbs".

Position reports should be addressed to New York Ocean Control. Position reports transmitted by radio telegraphy should be directed to WSY if possible. If military aircraft are not equipped to transmit on PICAO frequencies to give their position, reports will be directed to a military air/ground station suitably equipped to relay messages to New York Ocean Control. Publications outlining PICAO procedures for air navigation services are available in Publications and Document Section, Dominion Square Building, Montreal, Canada. New York Oceanic Traffic Control Operations Letter No. 1, available New York Airway Traffic Control Center, La Guardia Field.

All flights operating in the New York Oceanic Control Area will be cleared at the following altitudes: Magnetic headings of from 0° to and including 179°, odd thousand foot levels. Magnetic headings of from 180° to and including 359°, even thousand foot levels.

BERMUDA APPROACH CONTROL AREA PROCEDURES: See page 172

NEW YORK OVERSEAS FOREIGN AERONAUTICAL STATION: Effective Dec. 4. 1946, the broadcast of navigation reports by WSY changed times of transmission and added the frequencies as follows: At 0200, 0400, 0600, 0800, 1000 and 1200 GMT broadcast is made simultaneously on 3380, 8720, and 12395 kcs. At 1400, 1600, 1800, 2000, 2200, and 2400 GMT, broadcast will be made simultaneously on 3380, 5960, 8720, 12395 and 16250 kcs. Form and contents of broadcast remain unchanged. Concurrently, the hourly metar and notam broadcast are transmitted at 55 minutes past each hour between the hours of 0055 through 1155 GMT on 3380, 8720, and 12395 kcs., and between the hours of 1255 and 2355 GMT on 3380, 5960, 8720, 12395, 16250 kcs. Contents of the metar and notam broadcast remain unchanged. The broadcast at 25 minutes past each hour was discontinued. Comments concerning the effectiveness of the above services will be appreciated.

AIRPORT APPROACH ZONES AND AIRPORT TRAFFIC ZONES CFR MINIMA: Part 60 specifies that CFR traffic within Airport Traffic Zones or Airport Approach Zones must maintain 500' vertical and 2000' horizontal separation from the clouds unless given traffic clearance by the control tower or control center concerned. Even under such clearance CFR flights must remain clear of clouds. These airport traffic zones and airport approach zones are indicated on the Flight Planning Charts of the Airman's Guide, and all recently revised Coast and Geodetic Survey Aeronautical Charts. In the interest of safety CFR flights must maintain the 500' and 2000' minima specified above while in these circular charted zones. (See Chapter VIII of the Flight Information Manual for air traffic control procedures and weather minima).

REDESIGNATION OF CIVIL AIRWAY: Effective Jan. 15, 1947, Part 600.1 of the Regulations of the Administrator was amended to read as follows: Section 600.10248 Red Civil Airway No. 49 (Elko, Nev., to Fort Bridger, Wyo.). From Elko, Nev. range station via Wendover, Utah range station; the intersection of the E leg of Wendover, Utah and the W leg of Salt Lake City, Utah; Salt Lake City, Utah range station; to Fort Bridger, Wyo. range station. (This corrects "Airgi", Vol. 1, No. 22)

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded.

To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

PERSONAL POSSESSION OF PILOT CERTIFICATE: Effective Feb. 15, 1947, Part 43.400 of the Civil Air Regulations will be amended to read as follows: 43.400 Pilot Certificates: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

✓ OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire on July 1, 1947. Such certificates may be exchanged for the new-type certificates at any time prior to their expiration date. No red tape or written application is involved in the exchange. The pilot merely presents his old-type certificate to a CAA inspector, who immediately issues a new-type certificate. A pilot can arrange to make the exchange at a CAA regional or district office, or during a CAA inspection trip to his local airport. The new-type certificates wi ll be valid for at least 24 months from the date of issue, and the Civil Aeronautics Board is considering extending them for an even longer period.

LOW FLIGHT OVER FUR RANCHES: Numerous complaints have been received regarding low flying over fur ranches. This low flying, especially during mating season, has resulted in very definite dollar and cents losses to fur breeders. They request that pilots avoid flying over their ranches, particularly at low altitudes, stating that the ranches can be identified by the large number of small animal inclosures or pens.

INSTRUMENT APPROACH PROCEDURE MINIMA: Part 61.752 of the C.A.R. was amended Jan. 10, 1947, and now reads as follows: "61.572 No instrument approach procedure shall be executed or landing made at an airport when the latest U.S. Weather Bureau weather report at the airport indicates the ceiling or visibility to be less than that prescribed by the Administrator for landing at such airport".

✓ VHF CHANNEL LETTER DESIGNATORS: CHANNEL LETTER DESIGNATORS ARE BEING SHOWN ON THE FLIGHT PLANNING CHARTS HEREIN ONLY AS AN AID TO PILOTS IN THEIR USE OF UNMODIFIED MILITARY EQUIPMENT. IT IS EMPHASIZED THAT NOT ALL VERY-HIGH FREQUENCIES NOW IN USE HAVE CHANNEL LETTER DESIGNATORS. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

✓ AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct "TO-08-15-3", Page 104, by showing the let-down procedure for Portland, Oregon, as follows: Portland FM is located on S leg of Portland radio range rather than on the N side of range station; Northern FM is Woodland rather than Willamette.

(b) Correct "TO-08-15-1", Page 29, by showing the minimum altitudes for Red Airway 19, Goshen to Grand Rapids as follows: 3000' northbound - 4000' southbound; Page 25, by showing the minimum altitudes for Blue Airway 20, Allentown to Philadelphia as follows: 3000' northbound - 4000' southbound; Page 53, by showing the minimum altitudes for Blue Airway 28, Columbia to Charleston as follows; 2000' southbound - 3000' northbound; Chart 23, by showing Gardner intersection as the intersection of the NE course of the Westover range and the NW course of the Boston Range; Chart 23, by showing Greenfield intersection as the intersection of the NE course of the Westfield Range and the SE course of the Albany Range; Page 43, by changing the hours of operation of Independence AAF, Kans. Tower from 0800-2000 to 0700-1900.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station		Lat., Long.	Elev.	Effec Date
Port Townsend, Wash.	Hourly	Discont.			1-3-47
Detroit, Mich. (Mun. Arpt.)	Pibal	Discont.			1-1-47
Knobnoster, Mo.(Sedalia AAF)	Pibal	Discont.			
Pine Bluffs, Wyo.	SW	Closed			1-1-47
Wheatland, Wyo.	SW	Closed			1-1-47
Traverse City, Mich.	6-hourly	Discont.			
Mojave, Calif. (NAS)	Hourly&Pibal	Closed			
Port Angeles, Wash.	Pibal-Reestab.		48° 08' 123° 25'	13'	1-8-47
Jacksonville, Fla.(NAS)	Apob	Reestab.	30° 14' 81° 40'	20'	
Banana River, Fla.(NAS)	Apob	Reestab.	28° 15' 80° 36'	9'	
Houlton, Me.	SW	Opened	46° 07' 67° 47'	474'	1-12-47
Montpelier, Vt. (Barre-Montpelier Arpt.)	SW	Opened	44° 12' 72° 34'	1121'	1-12-47
Ypsilanti, Mich. (Willow Run Airport)	Pibal	Begun	42° 14' 83° 33'	720'	1-1-47
Ogden, Utah (Hinckley Mun. Airport)	6-Hourly	Begun	41° 12' 112° 01'	4450'	
Newport, Oregon	3-Hourly	Begun	44° 38' 124° 04'	158.9'	1-16-47
Covington, Ky. (Greater Cincinnati Airport)	Hourly	Opened	39° 03' 84° 39'	899'	

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporar-

ly inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide, full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

✓ ARMY AIR FORCE H.F. D/F NETWORK: H.F. D/F Net listed on page 91 of Army Air Forces Radio Facilities Charts dated Jan. 7, 1947, is unreliable, and bearing and fixes given should be used with caution.

N.B.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off.

(b) Planes without receivers, when approaching tower-controlled fields and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60).

(c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons coupled with flashing red code lights, indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are C.A.A. facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

ALABAMA

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (1-9)
BIRMINGHAM ARPT-Closed to civil. acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No svcg mil acft 2200 to 0600. No maintenance. (1-18)
BROOKLEY FLD (MOBILE)-RADIO: Army DF stn inop. (12-9) FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)
CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.
CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)
CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail., mrkd. (11-2)
COLUMBIANA ARPT-N end strip rough, rocky. (12-16)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop.(11-12)
DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft) (8-12)
GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip. (2-3)
[redacted]
HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tenn. River Channel at lat 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to mid river; SW along river to point of beginning.
JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. (1-21)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
MUSCLE SHOALS ARPT-Fuel avail. civil acft only. (1-20)
NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg. only. (8-6)
TUSCALOOSA ARPT, SITE 59, FV-AG-Extreme NW and SW ends fld soft in wet weather. (1-23)
TUSKEGEE INSTITUTE FLD NO. 1 (TUSKEGEE)-Soft spots after heavy rains. (11-2)
[redacted]
ASHFORK INT, SITE 36A, LA-AQ-Rough. (9-19)
COCHISE INT, SITE T-3, PH-EO-Rough. Tall grass in spots on fld. Ctn when landing and taxiing. (1-18)
DAVIS-MONTHAN FLD (TUCSON) -E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys. (1-16)
DEEP LAKE INT, SITE 54A, LA-AQ-Soft. E end E/W, N end N/S strips rough. Equip. on fld days. (11-11)
ECHEVERRIA FLD (WICKENBURG)-Use rnwys only (parked acft).
FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side of fld. (1-9)
GILA BEND AAF-Tetrahedron inop. (8-26)
KINGMAN ARPT-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn (8500' MSL) 11 mi S. Rnwy lgts Rnwy 17-35 inop. (7-12)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)
** LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. 11 flash. bcns on White Tank Mtns W of fld discont. (1-17)
NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.
PRESCOTT-RADIO: Courses aligned by ground check only. (1-31)
RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)
SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough). (1-18)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).
TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (11-13)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW-RADIO: Courses aligned by ground check only. (1-30)
★ WINSLOW ARPT-RADIO: CAA twr discont Jan. 31. These data rcvd too late for deletion from Figt Planning Charts, "ANRA", Directory of Arpts and for (I) symbol.

ARKANSAS

ADAMS FLD (LITTLE ROCK)-Use rnwys only-shoulders soft. Equip. on fld. Closed to trans mil acft 1800 to 0800. (11-6)
EL DORADO-RADIO: Jan 31, VHF range flight-checked and comm. on exper basis only at lat 33°17'00", long. 92°46'00". Freq. 109.1 mcs. Ident. "LD" Visual courses 45°, 225°; Aural courses: 135°, 315°. Mag. var. 7° E. Stn class: VARW (2-3)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. (12-28)
GRIDER FLD (PINE BLUFF)-Closed ngts. (1-13)
HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LITTLE ROCK-RADIO: Effective Dec. 29, stn guards 3117.5 kcs 2300 to 0700.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy.(9-27)

[redacted]

McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs and receives on 4495 kcs only. (9-11) FLD: Use ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon. thru Fri. (12-12)
PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat 34-14-48, long. 91-55-36. Freq. 108.7 mc. Ident "PL" Visual courses: 13°, 193°, aural courses: 103°, 283°. Stn class: VARW. Mag. var. 7° E.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only (parked acft).
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (11-21)

[redacted]

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating .5 mi S of lagoon in seadrome. Equip. adj to and on rnwys. Fld on positive control. (8-16)
AMERICAN LEGION ARPT (SALINAS)-CLOSED (12-5)
ARCATA ARPT -Closed to acft without 2-way radio unless prior approval rcvd from Stn Director. Incoming acft must file flight plan. Use surfaced areas only. (10-2)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-RADIO: 116.1 mc transmitter temp inop. (1-21)
BAKERSFIELD-KERN CO. ARPT (BAKERSFIELD)-Unlgtd 92' pwr line 0.5 mi N of bndry. (11-1)
★BIDWELL FLD (RED BLUFF)-RADIO: CAA twr discont Feb. 1. These data rcvd too late for inclusion in "ANRA", "FLIGHT PLANNING CHARTS", and "DIRECTORY OF AIRPORTS". Red Bluff CAA Communication Stn may be contacted by rdo equipped acft for advisory information.
BLUE CANYON INT, SITE 13, SF-SL-CLOSED (snow) (1-29)
BLYTHE-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-14)
BORDERLAND FIELD (SAN YSIDRO)-Target drone Unit 36 conduction flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-RADIO: Intermittent interference from Navy transmissions on adjacent channel of 245 kcs. (5-23)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7, 15, left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way radio rqrd all acft. Rnwy 13-31 closed (parked acft). (1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)
**CAMP PENDLETON-Danger area adjacent to Amber Arwy #1 has been redefined as follows: beginning at lat 33-24-23, long. 117-15-15, thence to lat 33-18-00, long. 117-16-09, to lat. 33-16-00, long. 117-19-00, to lat 33-17-00, long. 117-21-00, to lat 33-27-14, long. 117-34-00, to lat. 33-30-13, long. 117-29-13, to point of beginning.
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited. (11-6)
★CASTAIC-RADIO: Geog. lctn for FM on NW course of Los Angeles range: lat. 34-28-52, long. 118-36-52.
CASTLE FLD (MERCED)-No opers office. (1-29)
CATES, BEACON SITE 235 MI. BLINKER, SF-SA-Bcn inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg. only. (6-11)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.

[redacted]

COTATI OLF -Crash truck avail. at Santa Rosa NAAS upon req. (6-11)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (12-7)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (1-10)
EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range unreliable, use for homing only. (9-30). Middle mrkr inop. Stn lctn mrkr is used as outer mrkr, (12-11) FLD: First 1000' Rnwy 25, Rnwy 21L open to acft days and CFR opers only; first 1100' rstd. Land over yellow line, (1-7)
GARY FLD (BLYTHE)-Use rnwys only (parked acft)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop). (1-28)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right traffic when landing or taking off to the SW. All flying under supervision of arpt mgr at all times. (1-13)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg. use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
INDIO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-22)
INYOKERN NAF-Use in emerg only (caretaker status-no facs).
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg. use only. (10-1)
**LIVERMORE OLF-No lgts (1-1) See page 49. Lgt acft avoid using fld-tall grass and weeds. Avail. heavy acft in emerg only. (1-3)
LOCKHEED AIR TERMINAL-See Burbank.
**LONG BEACH ARPT-165' twr of Rdo Stn KVOE, 15 mi ESE (107°) true dismantled and removed, replaced by new antenna system of two 180' lgtd twrs, 400' N of old site. (1-24) No 91 oct. mil acft. Ltd svcg. No maintenance. Const entire N bndry fld, mrkd. Ctn landing Rnwys 16R, 16L. (1-27)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
★LOS ANGELES ARPT-MINES FLD (LOS ANGELES)-RADIO: Lclzr and glide path of CAA ILS temp inop. Approach control svc inaugurated Feb. 1. Acft cleared by the Los Angeles ATC Center to the Downey Compass Locator, 11 mi E of the Los Angeles Range stn to hold between Downey and a point 2 mins E, until further advised by Los Angeles appch control on 260 kc or 118.9 mcs. FLD: Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwy 11-29, 4-22 closed. Obst lgts atop 40' pole 350' S of twr inop. (1-22)

LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA May not be avail. on short notice due to dongestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (8-15)
★MARCH FLD (RIVERSIDE)-RADIO: Army VHF DF stn now operates cont. (2-3) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (1-28) FLD: Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders,unsurfaced areas unsafe.(12-26)
**MERCED MUN. ARPT.-Fld lgts prior req. (1-10). See page 52. Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg. or on approval of the CO. (11-8)
**MODESTO ARPT-Rot. bcn, rnwy ctc, obst lgts avail. on prior req. (1-17). See page 48. Equip. on rnwys until Mar. 15. (1-17)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MONTEREY PENINSULA ARPT (MONTEREY)-Right traffic pattern in use. (11-22)
MT. SHASTA-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-18)
MUROC AAF-RADIO: Army range facs unreliable and to be used for homing and training purposes only. FLD: Lctd within a danger area. 50' equip. near W end Rnwy 6-24. No 91 oct. No facs 1900 to 0700 or Suns. (10-22)
OAKLAND ARPT-RADIO: Modernized lclzr on freq 109.9 mcs and Glide Path on freq. 333.8 mcs will be comm approx Feb. 15. Glide path component shut down. Bndry and outer mrkr operating but not monitored pending completion const program. (1-13) FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. (12-3)
O'BRIEN, BCN SITE 21B, SF-SA-Soon, bcn site, 15.5 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only. Strip muddy when wet. (11-5)
★ONTARIO ARPT-RADIO: CAA twr oper 0800 to 1800. Too late for "ANRA". (2-4)
PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained. (9-21)
**RAMONA FLD-ABANDONED (1-13). See page 81.
RED BLUFF-RADIO: 116.1 mc transmitter and rcvr resumed oper. These data rcvd too late for deletion of ⓪ symbol. (2-4)
ROCKLIN, BCN SITE 93, MI BLINKER, SF-SL-Will be perm. discont soon. (11-22)
**RYAN FLD (HEMET)-ABANDONED (1-13) See page 81.
SACRAMENTO-RADIO: 116.1 mc transmitter and rcvr temp inop.
SACRAMENTO ARPT-Acrobatics, low flying days from flight strip 1000' W of Sacramento Arpt. NW/SE rnwy avail. days. Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (12-10)
SAGE, BCN SITE 114 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. (11-12)
**SAN DIEGO-Dive bombing area approx 20 mi N has been redefined as follows: a circular area with a 3 mi radius centered at lat 33-00-49, long. 117-08-48 excluding that portion lying within Blue Arwy #14.
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45° Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1.5 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5) Equip. on Rnwys 18 and 29 installing rnwy lgts. Ctn when landing, taking off or taxiing on rnwys. (1-17)
SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)
SAN MATEO ARPT-Const. Avail. lgt acft only. (11-1)
SAN NICOLAS ISLAND NAAS-Use in emerg only (caretaker status-no facs)
★SANTA BARBARA-RADIO: VHF range flight checked and comm Jan. 29 at lat 34-25-40, long. 119-52-26. See page 49.
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-RADIO: Soon, freq. of CAA twr will be changed to 353 kcs. (1-9) FLD: Avail. trans acft with 2-way radio. Closed ngts and to all student pilots. (1-10)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SILVER LAKE-RADIO: Range flgt-checked Jan. 31, courses correctly alinged.
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (1-18)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset. (9-4)
★TRONA-RADIO: Rdo rcvg watches, voice fac and teletype service discont Feb. 1. Range and stn lctn mrkr will remain in cont oper without voice.
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (11-7)
TRUCKEE INT, SITE 16B, SF-SL-1 to 3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT-RADIO: Mun. twr inop. FLD: Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port. rnwy lgts avail. ngts in emerg or by prior arrangement. (11-4)
VERNALIS FLD-CLOSED (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (11-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (1-10)

[redacted]

★GRANDE PRAIRIE-RADIO: Stn new gds 3105,3117.5,4495,6210 kcs. (1-1)
★PENHOLD-RADIO: Weather bdcast 13 and 43. Edmonton,Penhold,& Lethbridge. (1-1)

[redacted]

★KIMBERLEY-RADIO: Stn class BRA-T. (1-1)
★PORT HARDY-RADIO: Stn now gds 1674,3082.5,3117.5,4495,5037.5,6210,6545 3105 kcs.; 118.3 mcs. (1-1)
★QUESNEL-RADIO: Correct ident. "QZ".
★SANDSPIT ARPT-Elev. 10'. Bcn lctd at arpt 400' from SW side of rnwy.(1-1)

[redacted]

★CHURCHILL ARPT-RADIO: Army twr comm. Transmits on and gds 116.1, 126.18 mcs. Opers 0900 to 1700 and on req. (1-1)
★WINNIPEG ARPT-RADIO: Twr now transmits on 278 kcs and 126.18 mcs.Gds 3105,3117.5,6210 kcs, and 126.18 mc. (1-1)

[redacted]

★BUCHANS-RADIO: Weather bdcast 13 and 43 after the hr. (1-1)
••BUCHANS ARPT-Elev. 826'. (1-1)
★GANDER-RADIO: Stn now gds 3105,3117.5,4495,6210 kcs. (1-1) DF stn now transmits on and gds 3248,3285,6500,6563,6577,11319 kcs. Weather bdcast at 40. Weather in METAR code simultaneous transmission on 3285,6577,and 11319 kcs. 8538,8554,and 12776 kcs transmitted on and guarded on req. (1-1) H fac operating on 363 kcs. (1-23)
★STEPHENVILLE ARPT-RADIO: U.S. Army ILS comm. Lclzr freq 109.5 mcs. Glide path 332.6. Mag heading for landing 190°, 3 mrkrs; inner .041, middle 2.4, outer 7.2 mi. from approach end of rnwy. Two compass lctrs, at innter mrkr site on 201 kcs, ident. "T"; at outer mrkr site, on 219 kcs,ident."J". (1-1)

[redacted]

★DARTMOUTH ARPT-RADIO: Twr transmits on 278, 3027.5 kcs.; 126.18 mcs.(1-1)
★GREENWOOD-RADIO: Courses realigned to 236-A-302-N-53-A-122-N. (1-1)

[redacted]

★ARMSTRONG-RADIO: Stn now gds 3105,3117.5,6210 kcs. (1-1)
★CLEAR CREEK-RADIO: Weather bdcast 13 and 43. London, Clear Creek, Toronto, Buffalo, Cleveland, and Detroit.) (1-1)
★FORT WILLIAM-RADIO: Stn class BRAZ-PT. Weather bdcast 10 and 40 Fort William; bdcast 10, Ft. William and Duluth. (1-1)
★KENORA-RADIO: Stn class SBRA-T. (1-1)
★NORTH BAY-RADIO: Call letter: VFDN (1-1)
★WINDSOR-RADIO-Stn class: SBRAZ-T. (1-1)

[redacted]

★CHARLOTTETOWN-RADIO: Stn now gds 3105,4495,6210 kcs. (1-1)

[redacted]

★CARTIERVILLE ARPT-RADIO: Twr now opers 0900 to 1700. (1-1)
★MEGANTIC-RADIO: Stn class SBRAZ-T. (1-1)
★MONTREAL-RADIO: Stn now gds 3105,3117.5,6210 kcs. Weather bdcast 10 and 40 Ottawa, Montreal, Megantic, and Quebec. (1-1)

[redacted]

★DAFOE-RADIO: Courses aligned as follows: 162-A-279-N-352-A-086-N. (1-1)

[redacted]

★WHITEHORSE ARPT-RADIO: Army has assumed twr oper. (1-1)

[redacted]

ANTON-RADIO: Dec. 16 oper of VHF range suspended indefinitely.
ALAMOSA ARPT-Bcn inop. (1-11)
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-28)
★DENVER-RADIO: VHF voice fac comm at Commun.Stn Jan. 31. Transmits on and gds. 116.1 mcs. cont. These data rcvd too late for inclusion on Flight Planning Charts and in "ANRA".
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
LOWRY FLD (DENVER)-RADIO: Freq. 2936 kcs voice temp inop. (12-23)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed being widened to 300'. E/W rnwy avail. between mrkrs only. Heavy const equip on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28, S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. (12-19)
RIFLE ARPT-Strips under const. In emerg. use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)

[redacted]

ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (1-15)
RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Municipal twr temp inop. (12-10)
FLD: Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12, 18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON AIRFIELD-DENVER ARPT (DENVER)-Excavation 100' wide S of and parallel to E/W rnwy 2000' from E end E/W rnwy, mrkd. Equip. on fld days. (2-3)
TRINIDAD ARPT-Strips avail. lgt acft. (12-3)
WALKER FLD (GRAND JUCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (12-2)

[redacted]

BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1.5 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (1-14)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N end fld and on taxiway between fld and shop. (10-31)
HAMMONASSET FLYING FLD (MADISON)-Rough-not maintained. E/W strip avail. in emerg. Hangars under const. (9-16)
HARTFORD-RADIO: Automatic range monitoring system inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-available emergency use only. (9-10)
NEW HAVEN ARPT-Available days only. Use rnwys only. No local take-offs or landings during airline arrivals and departures when signalman displaying red flag stationed at approach end of runway being used. (11-18)
STEPHENSON AIRPORT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail.lgt acft. (12-13)

[redacted]

NEW CASTLE CO. AIRPORT (WILMINGTON)-Sod fld within bndrys of rnwys avail. lgt acft. (9-18)

[redacted]

SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat. 38-42-40, long. 77-05-30.
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT. 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21 mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather conditions below ctc flight minimums. No JP-1 fuel. Rnwy 2-20 avail. (12-27)
WASHINGTON NATIONAL AIRPORT-RADIO: Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mi. Form 8A green card holder-500' and 1 mile. Army acft landing this airport will not use D channel VHF to contact tower for landing and take-off instructions. B channel VHF will be used in case of emergency only. (1-16)

[redacted]

**WASHINGTON NATIONAL ARPT-500' MSL twr of stn WARL erected 5 mi W(265° T) at lat 38-50-39.2, long 77-07-32.4. 747.05' MSL twr of stn WQQW erected 6.5 mi. WNW (283° T) at lat 38-52-27, long 77-09-33. (1-6). 350' lgtd twr of NBC erected 8 mi NNW (345° T) at lat 38-55-50, long 77-03-22, on Wardman Park Hotel. Top lgts are blinker type. (1-29). Parking area ltd- turf soft. At times pilots of private acft will be unable to secure parking space. (1-29). ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transportating VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-sholders soft. Equip. on fld. (1-31)

[redacted]

ALBERT WHITTED ARPT (ST. PETERSBURG)-Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. (5-2) FLD: Closed to civil. acft days except on prior permission from CO and in emerg- closed ngts except in emerg. S end Rnwy 2-20 under const. Various type acft practicing inst approach operating cont during IFR up to and including 2000' with weather minimums as low as 200' ceiling and 1/8 mi visibility. Air space includes area 20 mi radius from NAS. (10-31)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-13)

BOCA RATON AAF-Port. floods avail. on 15 mimutes notice. No 91 oct. Stay on rnwys- shoulders soft. (10-16)

BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUSHNELL AAF-CLOSED TO ALL ACFT-UNUSABLE. Fence, ditch across rnwy. Cattle on fld. (1-27)

CEDAR KEYS ARPT-Use rnwys only. (1-27)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

**CROSS CITY ARPT-Change name to Cross City AAF. No lgts. (1-27) See page 129. Livestock on fld. (1-20)

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-31)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to radio rcvr-equipped acft tuned to twr freq. (6-28)

EGLIN FLD (VALPARISO)-RADIO: Army ILS sys temp inop. (1-6) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling whichever is lower, until cleared by Eglin Twr. (2) Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS-EAST & WEST FLDS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)

FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs.)

[redacted]

FORT LAUDERDALE-Danger and caution areas E and W of amber arwy #7 has been discont. Obst lgts atop N twr Radio Stn WGBS 6 mi W inop. (9-28)

FT. LAUDERDALE, BCN SITE 3,MM-AG-Bcn inop. (1-21)

FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)

JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and revr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo revr unless exceptions granted by Chief Arpt Traffic Controller. (1-14). Rdo Stn WJHP constructing two twrs 235' high, 394' apart, 10 mi SW, lgtd ngts while under const. (1-27)

JACKSONVILLE NAS-Closed to ngt seaplane opers. Trans acft desiring ngt landing facs notify Jacksonville NAS 12 hrs in advance. Equip. on fld days. (9-19)

**KEY WEST NAS-150' oil well derrick 8 mi ENE (76° true) at lat 23-36, long 81-33 on Lower Sugar Loaf Sound dismantled. (1-26)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (6-19)

**KISSIMMEE AAF-Lat 28-17-30, long. 81-26-15. This corrects Flight Information Manual Vol. 1 No. 2, Jan. 1, 1947.

**LAKE BUTLER OLF-No lgts (1-27) See page 129. Cattle on rnwy . (1-27)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)

LEE OLF (GREEN COVE SPRINGS)-Closed except in emerg and off. flights. Avail. on 24 hrs advance notice to CO, NAS Jacksonville. (1-26)

LEESBURG AAF-CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE, COMMAND OR HIGHER AUTHORITY OR IN EMERG.

MacDILL FLD (TAMPA)-RADIO: High freq DF stn and evaluation center temp inop. (1-30). Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. (12-26)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip., parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status- no facs). Rnwys 32 and 36 to intersection closed. (9-27)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(11-6)

MELBOURNE-RADIO: Range appears unreliable, courses shifting. (1-31)

**MIAMI-Danger and caution areas NNW and S has been discont.

**MIAMI BCN SITE 20, TM-MM-Type B, 24" Clear single end 6 RPM bcn with red course lgts flash. Char. zero (- -) mounted on 51' twr located 22 mi W; 20 mi W 36th Arpt at lat 25-45-36, long 80-36-54. (1-8)

**MIAMI INTERNATIONAL ARPT AAF-NE/SW rnwy abandoned in N fld.(1-30). Domestic non-scheduled acft taxi to old Army Term. Bldg SE side fld upon arvl and prior to dptr, and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Term. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intmtly days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. No svcg for mil acft except in emerg or maintenance trans Army acft 2400 to 0600. (1-10)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range

stn when passing Miami NAS. Stay clear of NW corner fld- fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

••MORRISON FLD (WEST PALM BEACH)-156' oil derrick located 13 mi W on W leg of Morrison Range, obst lgtd with one red lgt on top. (1-27). N/S rnwy closed perm Designated acft parking apron (1-30) (136)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED- no facs. (10-28)

NORTH POMPANO OLF (POMPANO)-CLOSED (no facs). (1-24)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. No Army maintenance Sats and Suns and from 1700 to 0800 daily. (10-9). Radio controlled target ship in Pinecastle area 6 mi S of Orlando 0800 to 1200 daily Mon thru Fri. (7-1)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. Use E/W rnwy only at ngt. (1-23)

PENSACOLA ARPT-Ext Navy train, thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD (PENSACOLA)-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Multi-engive acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 341° NNW. Pilots desiring to land at Chevalier Fld contact Pensacola Navy Twr before entering traffic pattern. (8-22)

••PERRY MUNICIPAL ARPT-ABANDONED. (1-18) See page 129.

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

PINELLAS CO. MASTER ARPT (ST. PETERSBURG)-RADIO: 118.3 mc transmitter unreliable. (1-20)

RICHMOND NAS-LTA-Use in emerg only (caretaker status- no facs.)

RIDDLE FLD (CLEWISTON)-Heavy acft avoid lgt bar and rod steel mat. Twr oper only during scheduled flying. Unsafe areas partially mrkd days, unmrkd ngts. Cloud flying when clouds broken to overcast during daylgt hrs in area bounded by lat 26-27, lat 26-43, long. 80-50, long. 81-27. Use rnwys only. Grass areas flooded most of summer. (7-27)

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

TITUSVILLE-COCOA ARPT (TITUSVILLE)-Hangar under const. (9-10)

VERO BEACH NAS-Closed to all civil. trans acft. (1-29)

WEST PALM BEACH-RADIO: Range flgt-checked Jan 30, courses correctly aligned.

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)

[redacted]

ALBANY ARPT-Use rnwys only. (11-8)

ALMA ARPT, SITE 43, MM-AG-40' hangar under const N edge NW/SE rnwy.(11-16)

ATLANTA ARPT-RADIO: Middle mrkr of CAA ILS lctd 3600' SE of SE end NW/SE rnwy, keyed with alternate dots and dashes will be comm soon. Outer mrkr will be relctd 4.5 mi SE of SE end NW/SE rnwy. Jonesboro compass locator being relctd to outer mrkr site. (1-29). FLD: Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. Const on glide path bldg 1 lctd 700' W of SE end of NW/SE rnwy. (1-30)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)

✈AUGUSTA-RADIO: Commun stn now guards 122.1 mcs. (2-3) Too late for ANRA.

••BOWERS ARPT (BAINBRIDGE)-ABANDONED (1-20). See Page 129

[redacted]

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-8)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

★DANIEL FLD (AUGUSTA)-RADIO: CAA twr now transmits on 278 kcs, 118.9, 126.18 mcs. (1-23)

GLYNCO NAF-LTA-RADIO: Navy twr temp closed, operates on call on one hrs notice. Tetrahedron temp removed. (10-11)

••HERBERT SMART ARPT (MACON)-Three water tanks lctd, 1 3/4 SE, 1 1/4 SSE and 3/4 S, are dismantled. (1-17)

••HUNTER FLD (SAVANNAH)-120' lgtd twr has been erected between rnwys 10 and 15 outside outer perimeter. (1-18). See page 132. Sharp incline of approx 20°, 370' on approach to Rnwy 23L. (1-18)

JONESBORO-RADIO: Compass lctr shut down for relctn at the outer mrkr site of ILS. (12-27)

KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft.(12-27)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S or fld. Drainage ditch with unlgtd fence between ends Rnwys 2 and 32. Right hand traffic Rnwys 14, 20, 27; left hand on Rnwys 2, 9, 32. (12-16)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const.). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

ST. SIMONS ISLAND-Overwater anti-aircraft firing approx 13 mi E will be conducted between Feb 22 and 26, withing the following described area: N bndry lat 31-15-00; E bndry long 81-00-00, S bndry lat 31-05-00; W bndry long 81-10-00.

SOUTHER FLD (AMERICUS)-Use strips only- parked acft.

SPENCE FLD (MOULTRIE)-Use rnwys only. Rnwy lgts inop. (12-21)

THOMASVILLE ARPT-Closed ngts- no lgts. (10-24)

TURNER FLD (ALBANY)-RADIO: Army air to ground stn. temp. inop. (11-20)
FLD: Use rnwys only. Use Rnwys 14L, 32R, 4L 22R only.

VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)

[redacted]

BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail. for emerg use only. (5-7)

BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (11-19)

GOODING ARPT, new- Use rnwys only- sod unsafe (erosion). (9-20)

GOWEN FLD (BOISE)-Use rnwys, taxi strips only- shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million candle-pwr ceilometer 1000' NNW arpt bcn. (12-11)

••MALAD CITY-RADIO: Jan 13, commun stn reactivated reestablishing teletype, weather reporting services and scheduled weather bdcasts and voice facs on 314 kcs, plus rcvg watches on 3105, 3117.5, 6210, 4495 kcs.

MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.

[redacted]

POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S or rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)
POCATELLO AAF-RADIO: Army air to ground stn. temp. inop. (11-20)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (11-5)

[redacted]

ALBERTUS ARPT (FREEPORT)-Const., equip. on fld. (10-29)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const- unusable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT- Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (12-3)
CASEY ARPT-S 1000' N/S strip being graded. (10-31)
CHANUTE FLD (RANTOUL)-Ltd parking. (10-28)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft- soft. NE/SW rnwy closed. (const.) (9-23)
CHICAGO ARPT-RADIO: Outer compass lctr of CAA ILS will be decomm about Feb 12 and relctd at new site S of Hines Veterans Hospital, Maywood, Ill. at a later date (1-30). FLD: NE/SW rnwy closed, unlgtd (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg on arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. All numerals and letters on Rnwys 13L, 13R, lgtd ngts. Hangar under const N side fld just E of NW corner. Ctn when taxiing. Covered ditch adj Rnwys 27L, 31R, mrkd. Ditch on E side Rnwy 36R, mrkd. (12-6)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center- parked acft.
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (11-8)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (11-26)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)
EFFINGHAM INT, SITE 10, LS-ID-Unsafe (soft). (1-14)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0600 on req. (1-18)
MARION ARPT-Est. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
**MOLINE ARPT-10' antenna erected 1000' S of N end N/S rnwy and 250' E of centerline N/S rnwy obst lgtd. (1-15) 75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. (11-12)
RUBINKAM ARPT (HARVEY)-Reduced in size. Ditch marks E bndry. N, S, W bndrys unchanged. (11-12)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)

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**SPRINGFIELD ARPT-140' twr of Rdo Stn WCVS, formerly WCBS, lctd 3 mi E (090) true at lat 39-46-31, long. 89-38-31, diamantled. (1-3) Fld pad stripe soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-5)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy unable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
**WOODDALE ARPT (GLENVIEW)-Will hereafter be carried under Wooddale, Ill. See page 140.
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

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AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FORT WAYNE)-RADIO: Army ILS (CAA type) temp inop. (10-24)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Fresh grade fld muddy when wet. (1-24)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only.
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Trans acft use rnwys only. (12-22)
★DECATUR-RADIO: FM on SE course Ft. Wayne range decomm Jan 30. Will be relctd at later date.
EVANSVILLE ARPT, old-Use rnwys only. Equip. on fld days. (1-16)
GARY ARPT-Water on fld-soft in wet weather. Extreme ctn when landing or taking off. (1-14)
GOSHEN ARPT-Ctn during thawing weather. (1-17)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105, 4495,6210,3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding mrkr) 75 mcs 10 mi SW of arpt on ILS lclzr course keying "U" tone 3000 cycles temp inop. (11-22)
INDIANAPOLIS ARPT-RADIO: CAA ILS not monitored. (1-7) FLD: Use rnwys only soft. No crash equip. Mil pilots register with registrar in Admin Bldg Lobby, trans acft at City Desk in Terminal Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. Tetrahedron being installed in triangle between NE/SW,NW/SE,E/W rnwys-temp uncontrollable.
EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (1-21)

**LA FONTAINE ARPT-Change name to Shaffer's Arpt (1-30) See page 36.
McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)
MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)
MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (1-24)
MYERS FLD (FT. WAYNE)-CLOSED (soft during thawing weather). (1-27)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail. with ctn. (1-23)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Continue to taxi straight to end of fld then taxi to within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Left traffic pattern. Const areas mrkd. (1-21)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
STARKE CO; ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Ltd svcg facs trans acft. Crash, equip, base opers avail. 0800 to 1700. Lgts on prior req. (1-20)
TRI-STATE ARPT (ANGOLA)-N/S strip closed to trans acft. (1-26)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

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AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. Soft in wet weather.(11-5)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER AIRPARK-Strip rough and rolling. (5-22)
HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)
MASON CITY ARPT-Landings and take-offs rstd on sod rnwys W of Admin. Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)
★MONTEZUMA-RADIO: All rdo facs, weather reporting and teletype service decomm. (1-28)
OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. Army facs avail. 0800 to 1700 daily. (12-26)
WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

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ALLMAN ARPT (LENEXA)-Use strips only. (9-12)
**BAIRD ARPT (ARKANSAS CITY)-215' rdo stn twr erected 4.5 ENE (68°) true at lat 37-05-19, long 97-01-56. (12-31)
BEECH ARPT (WICHITA)-Use rnwys only during damp weather. (11-4)
★CASSODAY-RADIO: All rdo facs, weather-reporting and teletype service decomm. (1-28)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (10-11)
CHANUTE ARPT-Bcn inop. (1-19)
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking ramp. (1-17)
DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
FORT RILEY-AA firing conducted immediately N of Marshall Range Sta.
GOODLAND-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
GOODLAND ARPT-Rnwy sides soft when wet. (9-20)
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. (1-18).
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Svcg, opers avail. 0800-1800 only.(1-23)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (9-17)
KINSLEY ARPT-To be abandoned Feb 15. (1-24)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (10-23)
MORLAND-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only - no facs.
OLATHE OLF NO. 4-Use in emerg only - no facs.
OLATHE OLF NO. 7-Use in emerg only - no facs.
OLATHE OLF NO. 9-Use in emerg only - no facs.
SALINA-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,16; right traffic on Strips 30,34. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. Closed 2000 to 0800 daily. (1-27)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (1-7)
TOPEKA-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
WALDO-RADIO: Dec. 16 oper. of VHF range suspended indefinitely.
WICHITA ARPT-RADIO: Oper of outer mrkr will be temp suspended until approx Feb 5 for installation of low freq compass lctr. (1-3) FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

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ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (10-15)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Red obst lgts N end NW/SE rnwy inop. Const. (11-16)
BOWMAN FLD (LOUISVILLE)-Green approach lgt Rnwy 24 inop. (1-8)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. (11-29)
GODMAN FIELD (FORT KNOX)-RADIO: Army range now operating reliably, maximum power only 25 watts. (10-17) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG; Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
GREATER CINCINNATI ARPT (COVINGTON)-RADIO: Inner and outer compass lctrs and lgt lane figt-checked Jan 21, oper normal. FLD: Use rnwys, taxi strips only-sod portion fld soft. (1-31)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
STANDIFORD FIELD (LOUISVILLE)-Bndry, rnwy lgts inop. Tetrahedron unlgtd, free swinging. (5-25)

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**BARKSDALE FLD (SHREVEPORT)-RADIO: Army VHF/DF stn in oper 24 hrs daily. Transmits on and guards 126.18, 139.32 mcs. (1-30) Army ILS (CAA type)

temp inop. (1-15) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct avail., (1-24)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Obsts in seaplane area-ctn when landing. (1-6) Do not use water area E of base (temp).
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt. Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop. (11-14)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. (1-23)
LAFAYETTE ARPT-Use rnwys only. (1-20)
LAKE CHARLES-RADIO: Range flight-checked Jan 21, courses correctly aligned.
LAKE CHARLES AAF-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS; Operates during cloudy conditions. (12-17)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS) RADIO: CAA ILS inop. (2-4). FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way radio except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE-RADIO: Range flight-checked Jan 22, courses correctly aligned.
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG; Obst lgts on S pole line inop. Equip. on fld days. Non-radio equipped acft use extreme ctn. Closed to all Army acft except primary basic and advanced (not inclg converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft. helicopters and auto-gyros. (11-9)
**SELMAN FLD (MONROE)-Bcn, rnwy ctc, obst lgts. Lgtd tetrahedron. Lgts avail on req. Effect Feb 1, 1947. (1-24) See page 101 Obst lgts atop twr, hangars, floodlgts atop poles W side fld inop. Equip. on fld. (12-27)
SHREVEPORT-RADIO: Soon range, voice and stn lctn mrkr will be shut down between 0800 and 1630 daily (twr painting), weather permitting All facs will be returned to oper in case of emerg or if weather goes below minimums. (1-21)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (11-6)
TALLULAH INT, SITE 26, FV-AG-Avail. in emerg only (water on fld). (1-24)
**WINNFIELD ARPT-Name changed to David G Joyce Arpt. (8-15) See page 120

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AUGUSTA ARPT-Rnwys 3-21, 12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (1-15)
BRUNSWICK NAS-Closed to all but off. flights (caretaker status - no facs).
DOANES ARPT (BREWER)-Avail. only ski-equipped acft during winter. (1-6)
DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)
DOW FLD (BANGOR)-RADIO: Army air to ground stn. temp. inop. (11-20) FLD: E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest true heading rather than mag. heading. (12-10)

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★HOULTON-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. Range will continue to oper without voice fac.
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MILLINOCKET-RADIO: Auto, range monitor. sys temp inop.
MILLINOCKET ARPT-NW/SE rnwy closed from intersection to NW end. Bndry and ctc lgts relctd accordingly. (12-10)
NORRIDGEWOCK AIRPORT-CLOSED - use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (11-12)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-15)
PRESQUE ISLE AAF-RADIO: DF stn temp inop. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 percent at each freq. (1-6) FLD: Rnwy 16-34 closed. Ctc lgts Rnwy 1-19 inop. Obst lgts on two smokestacks 1/2 mi NE fld inop. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. (1-31)
RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-26)
SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)
WESTON FLD (MADISON)-Avail. emerg only. (8-29)

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BALTIMORE ARPT-No crash equip. Use rnwys, taxi strips only-other areas soft 2 cranes 20 and 40' high operating approx 250' S, SW of Rnwys 32, 27. Const, equip. on fld. Rdo rqrd between sunset and sunrise. (1-14)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
CHESAPEAKE BAY-Mines being dropped over-water immediately ESE of Cove Point at lat 38-21-12, long 76-19-18, from altitude of 20,000'. (11-25)
EDGEWOOD ARSENAL FIELD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF BUS. THIS STA OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penn. RR. High alt bombing E and S. Stay on concrete. (2-20)
ERCO ARPT (RIVERDALE)-Gen. fld const, however, one strip always avail.(9-20)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (10-5)
HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W indr bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (9-20)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-N/S rnwy closed (const). NE/SW rnwy and black-topped taxiway avail.-unsuitable for acft heavier than twin- engined type. (10-8)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT ON OFF; BUS; WITH GLENN MARTIN CO. OR IN EMERG; (10-31)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches, equip. adj taxiway parallel to Rnwy 2-20, ditches adj Rnwy 9-27, mrkd. Equip. on fld. Rnwy 9-27 being repaired. (10-14)
PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. No maintenance or RON; Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)

SALISBURY-RADIO: About Feb 10, VHF range will be comm at lat 38-19-22, long 75-24-59. Freq. 109.1 mcs. Ident. "FY". Visual courses: 42°, 222°; Aural courses: 132°, 312°. Var. 8° W. Class: VARW.
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

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BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. E/W rnwy closed ngts. Use rnwys only until Mar. 11-high snow banks.(1-11)
BEDFORD AAF-Two of three 435' twrs 3.5 mi SW (245° true) completed. Temp lgtd with 1000 watt non-flash. lgts. (11-2)
BOSTON-RADIO: Ident of Franklin FM will be changed to three dots, three dashes.
BOWLES ARPT (AGAWAM)-High grass. Ltd maintenance. (6-6)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
★DEDHAM-RADIO: FM comm at lat 42-15-59, long. 71-10-07 on SW course 14.4 mi.
GRAFTON ARPT (NORTH GRAFTON)-Closed to heavy acft (muddy). (1-31) Ⓞ FLAG
GREYLOCK ARPT-Temp closed. (3-27)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16) Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid.
MANSFIELD ARPT-Open week-ends only. (2-3). These data rcvd too late for Ⓞ symbol.
MARLBORO ARPT-Fld not maintained-avail. emerg use only. (9-9)
••MERRIMAC VALLEY SEAPLANE BASE (LAWRENCE)-Only one seaplane base at Lawrence. Correct location 3 mi W. (1-20). See page 143. Right traffic when landing or taking off down river. (11-13)
MYRICKS ARPT-Wires on S end N/S strip. (11-20)
OTIS NAAS (FALMOUTH)-Use in emerg only (caretaker status-no facs)
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (8-27)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (1-2)
SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat.(11-15
SPRINGFIELD ARPT-Lgts inop. (6-24)
SQUANTUM NAS-RADIO: About Feb 17, the NE course of the Navy range will be realigned to 260° and the SW course to 48°. (2-1) FLD: Unlgtd 100' boom on lighter at bndry due W between Rnwys 2, 8. Equip. at bndry. Fld avail. 0800 to 30 mins prior to off, sunset. (9-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29). These data rcvd too late for Ⓡ symbol.
★WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army GCA sys now avail. on one hrs notice. Army ILS (SCS-51) glide path, channel X inop. (1-31) FLD: Following procedure normally to be carried out on IFR South-bound inbound flights to Westover Fld: Boston ATC will be contacted over Portsmouth, N.H., intersection (Portsmouth intersection is N leg of Grenier Range) for further clearance acft will proceed to a point over Grenier Fld range stn for further clearance by Boston ATC to Gardner intersection (Gardner intersection is the intersection of NE leg of Westover range and NW leg of Boston range) acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for futher clearance. Clearance given by Westover approach control will be in accordance with existing letdown procedures as disseminated from Westover Fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control all instructions will be followed which are transmitted by Westover approach control. (11-10)

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ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (1-10)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. (11-14)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. (6-25)
BISHOP ARPT (FLINT)-Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. 160' water twr under const 1-1/4 mi NE, unmrkd. (8-15)
CADILLAC-RADIO: Soon, all rdo facs, weather reporting and teletype services will resume oper. (1-28)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft-bal taxi strip being cleared of trees and brush. Other strip serviceable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of center line of approach. (12-3)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (6-24)
CAPITAL CITY ARPT (LANSING)-Use only rnwys, new N/S strip. Strip closed ngts. Equip. on fld days-acft parked W side fld E of apron. (9-20)
DALTON ARPT (FLUSHING)-N/S, E/W strips unusable. (11-13)
DETROIT CITY ARPT-Inbound acft rqrd to have rdo rcvrs. (10-22)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Sides and ends of strips soft.(5-10)
EMMET CO. ARPT (PELLSTON)-Unlgtd hangar under const 1500' N of the E end of the E/W rnwy. (12-6)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (11-15)
••FORD ARPT (DETROIT)-200' obst lgtd twr erected 2.5 mi NNW (347° true). (12-23) CLOSED. Avail. emerg use only. Use rnwys only. (8-14)
FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (10-22)
JAMES CLEMENTS ARPT (BAY CITY)-Closed ngts. Heavy acft use rnwys only. (7-20)
JEWETT ARPT (MASON)-Strips mrkd with yellow mrkrs. (11-14)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (11-9)
LAPEER ARPT-Hangars under const. Use strips only. E/W, N/S strips being widened. (7-13)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. (11-15)
MACKINAC CO. ARPT(ST. IGNACE)-Avail. ski-equipped acft only. Rnwys plowed upon req. (12-30)
McKINLEY ARPT (FRASER)-Closed except to lgt acft in dry weather-soft.(4-26)

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MOUNT PLEASANT ARPT-Strips soft in wet weather. (3-16)
MUSKEGON-RADIO: Following repairs, courses may have shifted. (1-29)
MUSKEGON CO. ARPT (MUSKEGON)-Use rnwys only-rough. (9-20)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PRICKETT FLD (SIDNAW)-Unusable-under const. (6-25)
ST. CLAIRE CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13) Use strips only. (9-26)
**SAULT STE MARIE ARPT-Redesignated as Arpt of Entry for period of one year from Jan 1, 1947. See page 16. Loose gravel on N/S rnwy. Use rnwys only.(9-20)
SKYHAVEN ARPT (SAGINAW)-Use strips only. Avail. lgt acft only when wet. Right traffic when landing S, SW and W. Left traffic N, NE and E. (11-12)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (7-10)
TRAVERSE CITY ARPT-Closed ngts (rnwy lgts obscured). Obst lgts S end N/S rnwy inop. (1-31)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wheel-equipped acft land at own risk. No snow removal equip. Telephone 9277 for further info. (1-7)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (8-14)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. Apron base and loading gates under const, mrkd. (12-4)

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APPLETON ARPT-Use rnwys, taxi strips only (11-20)
**BAUDETTE ARPT-Designated Arpt of Entry for a period of 1 yr from Jan 1, 1947.
BENSON ARPT-Use ctn on newly seeded areas in thawing weather. (12-8)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. (6-28)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Temp closed (const). (6-17)
FLYING CLOUD ARPT (MINNEAPOLIS)-Const. (12-17)
MANKATO ARPT-Use strips only. (5-16)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Const. Temp rnwys avail. Equip. on fld intermittently.(10-11)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New rnwys avail. ski-equipped acft only. Ctn in thawing weather. (1-7)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough. (9-30)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Avail. ski-equipped acft only. (12-21)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Muak-Calf Project Flgts. Ltd maintenance facs, no overngt parking facs for mil acft. (2-3)

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AUGUSTINE FLD (JACKSON)-Use strips only parked acft.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-RADIO: Army air to ground stn temp inop. (11-20) FLD: Use rnwys only.
GREENWOOD-RADIO: Range flight-checked Jan 22, courses correctly aligned.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. ARPT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
JACKSON ARPT-Rnwys 2-20, 16L-34R closed. (1-10)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)

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KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop glide path bldg 1000' from end of Rnwy 36 and 400' E of center of rnwy inop. (1-24) Rdo Stn WTOK erecting 180' twr 5 mi NE, lat 32-22-46, long. 88-40-04. (9-7)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
McCOMB ARPT-West 1/3 of E/W strip unusable. (9-30)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (11-7)

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BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (9-18)
CHILLICOTHE INT, SITE 7, KC-CG-Use only rnwy during wet weather. Sod areas slightly rough. (10-21)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (3-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only-parked acft.
INDEPENDENCE ARPT-N/S strip avail., bal fld closed (grading). (6-25)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45,C78. (5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (10-10)
KANSAS CITY ARPT-RADIO: Glide path and bndry mrkr temp inop until perm lclzr recomm at a later date. (11-14) FLD: CLOSED TO ALL ARMY ACFT EXCEPT IN EMERG-USE FAIRFAX FLD. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. Obst lgt atop dike and on the extension of center line of N/S rnwy. (1-20)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (11-22)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: About Feb 15, CAA twr will dicsont transmitting on and guarding 142.74 mcs. (1-30) Low clearances observed in blue and yellow sectors of ILS. (10-8). FLD: Closed to non-radio equipped acft. Equip. on fld. Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. (1-9)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (10-1)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs).
NEW FLORENCE-RADIO: About Feb 10, MH fac will be shut down. Approx Feb 14, pwr will be increased to 50 watts. Class will be: BH. (1-31)
QUEEN CITY ARPK (SPRINGFIELD)-35' lgtd pole and lines N end N/S rnwy. (10-30)
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
★ST. LOUIS-RADIO: VHF voice fac comm at commun stn Jan 28. Transmits on and guards 116.1 mcs cont. Stn class: SBRAZ-DTXV.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
**TRIBUNE-Bombing and gunnery range has been established in vicinity, within

[redacted]

the following described area: beginning at lat 37-48-15, long. 92-02-00, S to lat 37-43-00, SW to lat 37-42-00, long. 92-06-00, S to lat 37-38-30, to lat 37-36-30, long. 92-11-00, to lat 37-36-15, long. 92-15-30, N to lat 37-40-30, to lat 37-42-00, long. 92-14-30, to lat 37-48-15, long. 92-04-00, to point of beginning.

VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (9-19)

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BILLINGS-RADIO: CAA ILS flight-checked Jan 25, oper normal.

BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)

**BUTTE ARPT-157' antenna of stn KBOW erected 3 mi NW (310°) true at lat 45-59-23, long. 112-31-35. Obst lgtd with flashing red lgt at top and steady red lgt at 50' and 150' levels. (1-20) Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)

CHINOOK ARPT-Avoid using when wet. (9-8)

COLUMBUS ARPT-Muddy in wet weather. (11-18)

CUT BANK ARPT-Ctc lgts avail. on req. (11-28)

GREAT FALLS ARPT-150' twr of Rdo Stn KXLK being erected 3 mi NE (60° true) obst lgtd. (1-6) Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20, 16-34 only. (12-6)

HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. (10-21)

HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)

LEWISTOWN ARPT-Use rnwys only. (11-13)

**LIVINGSTON INT, SITE 10, HL-TWIN CITIES-208' mast erected approx 1 mi WNW at lat 45-40-20.6, long. 110-32-21, lgtd. (1-12)

MILES CITY ARPT-Bndry lgts inop. (2-2)

MISSOULA CO. ARPT (MISSOULA)-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (11-13)

MOORE ARPT-S end N/S strip rough. (7-30)

MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr - courses unreliable (ice on loops). (11-3)

POLSON ARPT-Usable with ctn. (7-19)

POPLAR ARPT-Dangerous when wet. (9-6)

ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)

SIDNEY ARPT-Ends of strips in cultivation.

SUPERIOR-RADIO: Courses aligned by ground check only. (1-22)

VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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AINSWORTH MUN. ARPT-Use rnwys only. (10-27)

★BIG SPRINGS-RADIO: All rdo facs, weather reporting and teletype service decomm. (1-28)

CLAY CENTER ARPT-Use strips only. (5-19)

CLEAR RIDGE ARPT (OMAHA)-Use strips only. (9-26)

ELGIN ARPT-Haystacks on fld. (12-3)

FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (11-15)

GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27). FLD: Contact Grand Island Radio between 1700 and 0800 for landing. Refueling 0800 to 1700 only. (12-3)

KEARNEY AAF-RADIO: Army H fac temp inop. (1-21). FLD: No opers office. (1-29)

LEE BIRD FLD (NORTH PLATTE)-Army acft rstd from refueling except in extreme emerg. (10-9)

LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)

McCOOK AAF-NW/SE rnwy avail. only. (11-13)

★OMAHA-RADIO: VHF voice fac comm at commun stn Jan 24. Transmits on and guards 116.1 mcs cont. Stn class: SBRAZ-DTV.

★OMAHA ARPT-RADIO: Soon, oper of outer mrke of CAA ILS will be temp suspended for installation of low freq compass letr. CAA twr now guards 3105,4495 6210,3117.5 kcs., 126.18,122.5,118.5 mcs. (2-1). These data rcvd too late for inclusion in "ANRA". FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)

★OVERTON-RADIO: All rdo facs, weather reporting and teletype service decomm. (1-28)

SIDNEY INT, SITE 50, SL-OH-E/W strip avail., bal fld rough. (9-20)

**SKRDLA ARPT (STUART)-Lat 42-30, long. 99-07. (1-15). See page 29.

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BATTLE MOUNTAIN-RADIO: SW course 3° S, bear. 46°. (10-25). 116.1 mc transmitter and rcvr temp inop. (11-6)

BATTLE MOUNTAIN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (1-10)

BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (10-8)

CRYSTAL-RADIO: Soon, Crystal FM will be discont. (1-9)

DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)

FALLON-RADIO: Soon, code commun, weather reporting service and rdo rcvg watches will be discont. Range will remain in cont oper without voice. Stn unmanned 1600 to 0800.

FALLON ARPT-Closed except in emerg. (9-27)

FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due wind erosion, soft sand, mrkd. (11-27).

★GABBS-RADIO: All rdo facs, weather reporting and teletype service discont Jan 31.

HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (1-2)

**JERSEY SUMMIT, BCN SITE 325 MI BLINKER, SF-SL-Discont. (1-10)

LAS VEGAS-RADIO: VHF range will be comm soon at lat 36-11-06, long.115-05-48 Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual, 29°,209°, aural, 119°,299°. Mag. var. 16° E. Simult voice channel and rcvg watches (3117.5 kcs, 116.1,131.7 mcs) avail. 24 hrs daily. Stn class: VAR-VDT. (12-10) Soon, FM will be comm at Mormon Mesa, Nev, at lat 36-42-30, long. 114-28-00. Ident. (-). Will be lctd on the NE course of the Las Vegas rdo range at a distance of 48 mi. (1-9)

LAS VEGAS AAF-RADIO: Effect Feb 15, CAA twr will oper 0800 to midngt. (1-28) FLD: Temp inactive-no facs. (See Special Notice re use).

RENO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-31)

**RUBY, BCN SITE 472 MI BLINKER, SF-SL-Discont. (1-13)

**SHAFTER, BCN SITE 501 MI BLINKER, SF-SL-Discont. (1-13)

TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)

**TOBAR, BCN SITE 477 MI BLINKER, SF-SL-Discont. (1-3)

TONOPAH-RADIO: Soon, code commun, weather reporting service and rdo rcvg watches will be discont. Range will remain in cont oper without voice. Stn unmanned 2400 to 0600 daily.

TONOPAH AAF-RADIO: Army air to ground stn inop. (11-20)

**VENTOSA, BCN SITE 489 MI BLINKER, SF-SL-Discont. (1-13)

YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

NEW HAMPSHIRE

BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-offs and landings made toward NW. 34' hangar under const adj to bldgs S border fld. Avail. ski-equipped acft only. (1-3)
BRATTLEBORO-HINSDALE ARPT (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (11-21).
★GRENIER FLD (MANCHESTER)-RADIO: Weather now bdcast at 45 mins past the hr. Voice fac now avail., on Army range 24 hrs daily. (1-30) Army twr now tr. on 278 kcs, 116.1, 126.1 mcs. VHF voice fac comm at commun stn. Tr. on and gds 116.1 mcs cont. Stn class: SBMRAZ-V. (1-21) Army ILS temp inop. (1-20)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LAKES REGION ARPT (WOLFEBORO)-CLOSED (const). Grass strip avail. in emerg.
LANCASTER ARPK-New surface dangerous when wet. (11-21)
★LEBANON-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac oper cont without voice.
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (11-21)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)

NEW JERSEY

ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
BENDIX-RADIO: Tests of exper equip. will be conducted on freqs of 108.5, 109.3, 110.1 mcs.
CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs)
CARTARET-Bcn, side lgts inop on twr Rdo Stn WOR. (7-24)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (8-2)
LAKEHURST NAS-Rnwy tests in progress days. (11-19)
LAKEWOOD ARPT-N/S strip under const. (10-15)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
★MATAWAN-RADIO: VHF range recomm Jan 23. See page 80. Gnd-checked only.
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
NEWARK ARPT-Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 23 rough. Pilots are to make approach for numeral on Rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 closed 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. 3' hole along E side N/S rnwy 2000' in from S end, mrkd. (1-31) To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lotd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (10-28)

NEW JERSEY

TETERBORO, BCN SITE 1, LG-UL-About Feb 12, course lgts will be changed from clear to green flash. dot dash dash. (1-23)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways muddy. (1-30)

NEW MEXICO

ALAMOGORDO AAF-Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (12-18)
ALBUQUERQUE ARPT-Used by RFC. Avail. only for delivery surplus acft this fld, prospective purchasers of surplus acft or parts, or in emerg.
B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme ctn. Heavy equip. on fld. (12-24)
CLOVIS AAF-RADIO: Army twr and ILS temp inop. (1-21) FLD: No opers office.
CONDON FLD-See notice under White Sands Proving Gnd, N. M.
CREWS FLD, SITE 42, EO-PL-(RATON)-CLOSED (const). (4-29)
GALLUP ARPT-E/W rnwy closed. (5-4)
GALLUP CITY FLD-ENE/WSW strip under const. (5-7)
HOBBS AAF-Rnwys 3-21, 12-30 closed. (12-18)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (7-21)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened.
★★KIRTLAND FLD (ALBUQUERQUE)-RADIO: Inner and outer mrkrs of ILS gnd checked only. (1-28) FLD: Two lctd gd twrs erected on fld: one 30' high lctd 1300' S of E/W rnwy, 2600' W of E end E/W rnwy. Fld elev. at this point is 5316' one 54' high lctd 1500' S of E/W rnwy 175' W of E end E/W rnwy. Fld elev at this point 5322' (1-31) See page 57.
LAS VEGAS ARPT-Use rnwys only-bal fld unsafe. (11-13)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)
ROSWELL-Inten inst train. on Roswell Rdo Range below, above, and in overcast. Acft inbound to Roswell or operating in vcnty under IFR, ctc Roswell Rdo for instructions.
ROSWELL AAF-Ltd parking, svcg facs. (12-18)
SANTA FE ARPT, new-Army acft rstd from refueling except in emerg. (1-15)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld, White Sands Proving Gnd will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condon Fld. When Condon Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14)

NEW YORK

★ALBANY-RADIO: Feb 4, S course realigned to 15°. Gnd-checked only.
ALBANY ARPT-Equip. on fld intmtly. (11-13)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (11-8)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. 70' unlgtd smokestack W bndry fld between E/W and NE/SW rnwys. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, unlgtd, Projects 4' above obst lgts on lclzr bldg. (2-1)
CARPET CITY ARPT (AMSTERDAM)-Avail. ski-equipped acft only. (1-14)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (11-17)
CLASON'S POINT-RADIO: See La Guardia. LFM temp inop. (1-8)
★★CLINTON HOLLOW-Rot bcn with red course lgts Site 8 LG-UL at lat 41-51-20,

long. 73-51-10 January 15, 1947. Elev. 640' MSL (1-15)
CROTON ARPK (PEEKSKILL)-Hangar under const. (6-11)
★DANSVILLE-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac oper cont without voice.
★DUNKIRK-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac oper cont without voice.
FLOYD BENNETT FLD NAS (NEW YORK)-Closed 1700 to 0800. (8-15)
FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough.(10-3
★GLENS FALLS-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac oper cont without voice. About Feb 17, MHW fac will be decomm and relctd to the Warren Co. Arpt, 2.5 mi NE of Glens Falls, lat 43-20-38, long. 73-36-20. (1-31)
★★GLENS FALLS ARPT-205' twr of Rdo Stn WGLN, erected 4 mi SSE (72°) true at lat 43-18-57, long 73-37-20, lgtd by flash red bcn. (1-9)
GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. NE corner fld unusable-soft area mrkd. Closed to all acft above 250 HP. (11-25)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
★★HUDSON BCN SITE 10 LG-UL-Rot 12 rpm bcn with red course lgts comm Jan 17 at lat 42-14-04, long. 73-49-04. Elev. 548' MSL (1-18)
HYLAN FLD (ROCHESTER)-Use strips only - ctn when wet. (5-18)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole.(1-13)
IDLEWILD ARPT -Temp pavement on Runwys B-(N/S) and C (NE/SW) being removed with trenches across rnwys presenting extreme hazard even in emerg. Not yet opened-const. (10-15)
ITHACA ARPT-Right traffic pattern in use. (8-3)
KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)
LA GUARDIA-RADIO: About Feb 18, weather permitting, present New York (La Guardia) Range will be turned off. Simultaneously the new La Guardia Range at Clason's Point will be turned on for pilot familiarization on the req of an operator or pilot, providing air traffic conditions permit when ceiling is 7000' or better and visibility 5 mi. or more. Coordinates: Lat 40-49-11, long. 73-50-33. Freq. 209 kcs. Ident. "LG". Bear. & dist, stn to La Guardia Fld: 222°, 3.2 mi. Courses will be: 42°, 129°, 222°, 273°. Stn class: SBRAZ-DTV. VHF voice fac will transmit on 116.1 mcs. Stn will gd: 3105, 4495, 6210, 3117.5 kcs., 116.1 mcs. Clason's Point LFM will be decomm. FM will be comm at New Rochelle, N.Y., at lat 40-53-17, long. 73-47-19, on NE course. Bear. & dist, range stn to FM: 42°, 5.6 mi. Ident. one dash. These facs, outer mrkr on CAA ILS La Guardia Fld will be comm simultaneously. (1-14)
★LA GUARDIA FLD (NEW YORK)-RADIO: Outer mrkr of CAA ILS relctd 4.5 mi SW of SW end of NE/SW rnwy at lat 40-42-52, long. 73-55-47. Will be comm soon, now avail. only for pilot familiarization, pending comm. of Clason's Pt. facs. Glide Path on CAA ILS comm Jan 28. See Page 80. Flgt-checked Jan 22, oper normal. Glide path not to be used below middle mrkr alt on acct of tentr lgtn. Lclzr ident "LG" now in use. FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. or with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when PON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Runwy 22 and end Runwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. Truck and 30' crane NW corner fld adj to rnwy days. Ditch N end approx 400' off W side Runwy 4-22 parallel to rnwy. Area

from end of Runwy 18 to intersection of Runwy 9-27 being graded days.(12-7)
LONG MEADOW ARPT (MEXFORD)-Avail. ski-equipped acft in emerg only. (12-27)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. (11-18)
MALONE-DUFORT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)
MASSENA-156' twr Rdo Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four sides lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (6-11)
MITCHEL FLD (HEMPSTEAD)-RADIO: Army ILS (CAA type) temp inop. (1-20) FLD: Runwy 18-36 closed. (12-18)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
★NEW HACKENSACK-RADIO: CAA range flight-checked and comm Jan 24 at lat 41-33-00, long. 73-51-54. VHF voice fac comm at Commun Stn. Transmits on 4 gds 116.1 mcs cont. See page 44.
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 73-52-34. Elev 261' MSL. (11-25)
NEW ROCHELLE-RADIO: Compass locator inop. (1-31)
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 149.
NEW YORK-SPECIAL NOTICE-RADIO: See LaGuardia Rdo.
NEW YORK-Each week end, weahter permitting, between the hrs. of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor; beginning at lat 40-32, long 73-46; to lat 40-34, long 73-15; to lat 40-00, long 73-15; to lat 40-00, long 73-55; to lat 40-22, long 73-55; to lat 40-22, long 73-46 to the point of beginning. (11-15). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (11-13)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Runwys 6, 33, left traffic pattern Runwys 10, 15, 24. Hospital 3/4 mi from Runwy 28-avoid, if possible. Clump of trees 125' to left and 700' from end of Runwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject tot a penalty of $100 for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E.
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (11-22)
SMITHPORT INC. (UTICA)-Hangars under const. (10-14)
STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. range.
★STEWART FLD-RADIO: Jan 23, Army assumed oper of former CAA range, without voice. Freq 335 kcs. See page 44. Flgt-checked and correctly aligned.
STEWART FLD (NEWBURGH)-Pilots unfamiliar with Stewart Fld let-down procedure will not be cleared this fld under actual inst conditions. Final approach

under these conditions will be made on SW leg Stewart Fld range only.(8-5)
SYRACUSE ARPT-Turf areas soft after heavy rains. (9-10)
**SYRACUSE MUN. ARPT-147' twr 15 mi SE (126°) true erected on top 1748' MSL hill lctd 3 mi N of Pompey, N.Y., lat 42-56-47, long 76-01-32. Not lgtd.
**TIVOLI BCN SITE 9 LO-UL-Rot bcn with red course lgts comm Jan 16 at lat 42-03-29, long 73-49-01 Elev 321' MSL (1-16)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (6-11)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn lgt burning but not rot. (11-13)
**WARREN CO. ARPT (GLENS FALLS)-205' twr of Rdo Stn WGLN erected 1-1/4 mi SW at lat 43-18-57, long 73-37-20. Lgtd by flash red bcn. (1-9)
WATERTOWN-RADIO: VHF range will be comm soon. Lat. 43-57-08, long. 76-03-52 3.15 miles 48 degrees mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. Ident. "WB". Visual courses: 64-244, Aural courses: 154-334. Var. 12° W. Blue sector in North quad. Stn class: VARW. (1-15)
WATERTOWN ARPT-Installing lgts. Land, taxi with ctn-holes along rnwy edges. (8-1)
WESTCHESTER ARPT INC (ARMONK)-Const, tree removal equip on fld. (8-16)
**WESTCHESTER CO. ARPT (WHITE PLAINS)-Rnwy lgts on NNW/SSE rnwy oper daily from dark to dawn. (12-31) See page 44 Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S and E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. (12-31)
WINDSALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

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**ASHEVILLE-1160' twr of rdo stn WWNC erected approx. 3 mi W. Lgtd on top.(1-30)
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No cto lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip on fld. No rdo facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).
BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BOGUE MCAAF-Closed to all acft except in emerg (no facs). (7-11)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-CLOSED (equip). (11-25)
CANNON ARPT (CHARLOTTE)-Surplus Acft Sales Center - parked acft.
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with ctn.(11-20)
FLD: Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop until approx Feb. 7.(1-7)
KENTON NAS-Use in emerg only (caretaker status - no facs)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FAIRCHILD-CIVIL ARPT (BURLINGTON)-Use rnwys, taxi strips only. No fld facs.
FORT BRAGG-Heavy firing is being conducted in all sections of Fort Bragg danger area up to 20,000 ft. All acft must avoid this area shown on Flight Planning chart 110 herein. Inten train. days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will oper within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT (GREENSBORO)-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (12-5)
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
LEXINGTON ARPT-Ctn-strip rolling. (10-1)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)

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POPE FLD (FORT BRAGG)-RADIO: ILS (SCS-51) temp inop. (12-23) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
★RALEIGH-DURHAM ARPT-RADIO: Lclzr ident of CAA ILS comm Jan 31. See page 109. CAA twr operating effect Jan 20, traffic controlled by lgt gun only. Hrs of oper 0800 to 1800. FLD: ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. 55' lgtd control twr N side fld near Admin Bldg. Const on ramp in front Admin Bldg, lgtd. (1-3)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
**TARBORO ARPT-300' obst lgtd twr of rdo stn WCPS erected 4 mi NW (300°). true (1-8)
THOMASVILLE ARPT-Ctn-strip rolling. (10-2)
WEEKSVILLE NAR-LTA-Avail. HTA and LTA acft daylgt hrs; ngts by prior arrangement or in emerg. (9-3)
WINSTON-SALEM-RADIO: Range flgt-checked Jan 22, courses correctly aligned.

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BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)
DICKINSON MUN. ARPT-Three 15' hay stacks along E bndry fld. (1-16)
FARGO ARPT-HECTOR FLD (FARGO)-Weather below CFR mins. indicated by oper of bcn days and flash. tetrahedron lgts ngts. (12-17)
**GRAND FORKS ARPT-Redesignated as Arpt of Entry for period of one year from Jan 1, 1947. See page 12. 50' const boom adj to NE corner fld, lgtd ngts.
**JAMESTOWN ARPT-190' twr of Stn KSJB lctd 2 mi SW. dismantled. (1-14)
PEMBINA INT, SITE 14A, FO-WG-N/S rnwy avail. skd-equipped acft, bal fld closed. Equip. on fld days. (1-26)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwys during thaws. (12-15)

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AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, S and SW. (11-24)
BROOKFIELD ARPT-Avail. lgt acft only. N/S strip under const. (4-21)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (11-27)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED (soft). (1-15)
★CINCINNATI-RADIO: Jan 10, INSAC relctd from Lunken Arpt, Ohio to Greater Cincinnati Arpt , Covington, Ky. Geographical letn of SBRA fac unchanged. VHF voice fac comm at Commun Stn Jan 20. Transmits on and gds 116.1 mcs cont. Class: SBRAZ-DTV.
CINCINNATI ARPT, INC. (SHARONVILLE)- Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction.(11-25)

CLEVELAND ARPT-Trans pilots must register in Term Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. (12-16) Three 200' twrs 1C mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. (11-30)

★CLINTON CO. AAF (WILMINGTON)-RADIO: Army VHF DF stn, ident. Clinton Co. D/F transmits on and guards, on req through twr on Channels B, 126.18; C 137.88; D, 140.58; G, 137.70. Operates cont. Range approx 50 mi. CCA, call Clinton CCA; guards and transmits on rec through twr 116.1,137.70, 126.18,137.88,140.58,134.10 mcs, 3105,6440,3475,4890,4495 kcs, 0800 to 2200 daily; on 2200-0800 during IFR conditions or on req 30 minutes notice through twr. (1-24) FLD: Rnwy lgts avail. on one hrs notice. For flgt thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 71. (1-22)

CONNEAUT ARPT-Use moved stripe only. (6-4)

DAYTON ARPT-Use rnwys only at ngt. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. (12-28)

GRIESER ARPT (WAUSEON)-Use stripe only. (7-3)

GRIMES FLD (URBANA)-Use stripe only. Land according to wind tee ltd in center of fld. (11-23)

LANSDOWNE ARPT (GREENVILLE)-Equip. on fld intmtly. (8-12)

**LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30) FLD: 70' twr left of approach to rnwy 18. (1-28). See Page 72.

LORAIN CITY ARPT (LORAIN)-Water main being run thru the SW corner of fld, temp shortening NE/SW strip to 1800'. (9-27)

★LUNKEN ARPT (CINCINNATI)-RADIO: CAA twr will remain in oper. See page 60. This corrects "AIRGI" Vol. 1, No. 21. FLD: Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. Army facs ltd. (11-1)

MANSFIELD ARPT-Use rnwys, taxi stripe only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)

MARION ARPT-Use only NE/SW, NW/SE stripes W side fld. NE/SW, NW/SE stripes extend into cultivated area W end fld. (6-4)

MATHER ARPT (CLEVELAND)-Closed to trans acft except on special permission. Const on 1000' NW/SE, 1100' NE/SW rnwys. (11-25)

MEDINA PRICHARD ARPT (MEDINA)-Soft when very wet. (10-14)

MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.

NORWALK ARPT-Ditch E end N/S strip adj to side of road. (7-26)

OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (9-17)

PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (11-27)

PATTERSON FLD (FAIRFIELD)-RADIO: Glide path of Army ILS unreliable for ceilings under 100'.(7-1) Army GCA sys temp deactivated. (1-7) FLD: Equip on fld. (1-3)

PAULDING CO.ARPT (PAULDING)-Soft when wet, land at own discretion.(11-26)

PORT COLUMBUS-NAS (COLUMBUS)-30' port. twr on taxi strip W side fld, 800' S of E/W rnwy and 800' SW of NW/SE rnwy until approx Feb 15. (1-2)

RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)

TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (12-13)

WARD ARPT (BEDFORD)-SW end NE/SW strip under const. (11-27)

WELLINGTON ARPT-Right traffic on S and SW rnwys. (12-22)

WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FLD. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flgts. Ltd maintenance. No quarters for trans crews. (10-22)

WYNKOOP ARPT (MT. VERNON)-Under const. (6-20)

YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (12-5)

ZANESVILLE ARPT-Use rnwys, taxi stripe only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (12-5)

OKLAHOMA

ALTUS MUN. ARPT-Avail. only for delivery surplus mil acft or in emerg. Equip on and near N/S rnwy. (12-13)

ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (9-13)

CIMARRON FLD (YUKON)-Now a WAA Sales and Stge. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 stripe indicated by pylons and mrkrs. Lime mrkings center of each strip. (11-27)

ENID AAF-RADIO: Army range unreliable. (10-4) FLD: Ltd parking facs. Use rnwys, taxiways only. (1-29)

GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE stripe avail.

GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)

GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm.

**HARNAGEL FLD (BORGER)-229' obst lgtd twr of rdo stn KEUZ erected 4 mi NNE (20° T) at lat 35-41-05, long. 101-23-20. (12-31)

HATBOX FLD-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only - parked acft.

LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (12-2)

MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman.

MUNICIPAL ARPT (BOISE CITY)-Emerg use only. (5-11)

NEWKIRK SKYPARK-NW/SE strip under const. (8-3)

NICHOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)

POST FLD (LAWTON)-Closed to all except liaison type acft. Ext const. Equip. on entire W half and NW portion fld. Closed ngts. Flash. bcn atop balloon hangar inop. Soft spots. Const on rnwys. 5000' rnwy under const. Bndry lgts inop. (1-14)

ROOSEVELT-RADIO: Dec 5, VHF range flgt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00, long 99-03-49. Freq. 108.7 mcs. Ident. "RQ" Visual courses: 53°,233°; aural courses: 143°, 323°.

SHAWNEE ARPT-Use rnwys, taxi stripe only. (11-25)

★TINKER FLD (OKLAHOMA CITY)-RADIO: Army range reported unreliable for orientation and homing. (10-30) Army VHF DF stn now in cont oper on 139.32 and 140.58 mcs. (1-31)

TULSA-RADIO: Range flgt-checked Jan 23, courses correctly aligned.

★TULSA ARPT-RADIO: CAA ILS flgt-checked and comm Jan 21. See page 61. FLD: Pilots without rdo watch twr ltd SE corner fld for lgt signals. Use rnwys, taxi stripe only. Const on Term Bldg ramp. Equip. on fld days, lgtd ngts. Svcg,crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (10-25)

WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: Soon CAA ILS will be comm serving N/S rnwy with approach from S. Voice equipped lclzr will be oper on 109.9 mcs. Ident. "OL". Glide path will oper on 333.8 mcs, lctd 1000' N of S end of N/S rnwy. Two mrkrs, middle and outer will oper on 75 mcs. Middle mrkr will be lctd 3500' from S end of N/S rnwy on rnwy centerline, keyed alt dots and dashes. Outer mrkr, 4.6 mi from S end of N/S rnwy, keyed two dashes per sec. (1-14)

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WILL ROGERS FLD (OKLAHOMA CITY)-Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

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BAKER ARPT-Use rnwys only. (1-29)
BEAVER MARSH INT, SITE 73, RV-ND-Avail. large acft with ctn-unsafe lgt acft.
BEND ARPT (old)-Unusable-being cultivated. (1-22)
BLUE STAR ARPK (EAGLE POINT)-Hangars under const. (10-18)
CIVIL AIR PATROL ARPT (WORDEN)-CLOSED (muddy during winter months) (11-25)
EUGENE-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-21)
EUGENE ARPK-N/S rnwy closed-to be used as taxiway only. (9-13)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade.(6-5)
HOOD RIVER ARPT-Grading in progress to widen and lengthen strips. (9-16)
★LA GRANDE-RADIO: Feb 3, MH and voice fac, rcvg watches recomm and will not be decomm as previously advertised. Recomm of weather reporting service postponed until about Feb 5. Too late for "ANRA".
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)
MEDFORD AAF-Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (1-6)
PORTLAND-RADIO: Lacenter FM will be comm soon at lat 45-49, long. 122-30, lctd 12 mi on N course of Portland Range. Ident. 4 dashes. (12-19)
PORTLAND AAB-Flash. lgts on tetrahedron indicates suspension CFR flights. Ltd JP-1 fuel. Use rnwys, taxi strips only. (1-20)
★REDMOND-RADIO: VHF voice fac comm at Commun Stn. Transmits on 4 gds 116.1 mcs cont. Class: SBRAZ-DTV. Too late for Flight Planning Charts & ANRA.
**ROBERTS FLD (REDMOND)-Range lgts, obst lgts. Port rnwy lgts on req. or signal only. (9-19). See page 1.
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry.(12-3)
SATIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (11-26)
TROUTDALE ARPT-Surplus Acft Sales Center-parked acft.
**VALE ARPT-New fld. Lat 43-58-15, long. 117-15-00. (9-12). See page 21. Hangar under const. (9-12)

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**ALLENTOWN-BETHLEHEM ARPT (ALLENTOWN)-160' stack 2 mi SW, obst lgtd. Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. (1-19)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt, 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (12-5)
★BROOKVILLE-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH operates cont without voice.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (11-27)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (6-11)
CECIL-RADIO: Visual and aural FM signals reported in vicinity of Imperial, Pa. (7-17)
CHAMBERSBURG-High explosives being discharged approx 7 mi NW thru Feb 5, 1947, daily Mon thru Sat 0800 to 1700 within the following area: N bndry lat 40-01; S lat 39-59-30, E long. 77-47, W long. 77-49. (8-3)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. (12-10)

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CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months.(11-15)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. (11-28)
DALEVILLE ARPT-Right traffic used on take-off in the direction of S by SE. (11-29)
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy, mrkd. (1-28)
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT (HARRISBURG)-Use rnwys only. (12-5)
JOHNSTOWN ARPT-Use rnwys only. (7-1)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (5-27)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (11-27)
**MILLARD ARPT (ANNVILLE)-New fld. Lat 40-19, long. 76-32. (1-10). See page 76. Sod area soft. Use rnwys only. (1-22)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MOUNT UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. Use rnwys, taxi strips only in wet weather. Entire fld usable in dry weather. (12-2)
MUSTIN FLD NAAS (PHILADELPHIA)- Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld . 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST ARPT (PHILADELPHIA)-Avail. radio-equipped acft. Use rnwys only. Equip. on fld intermittently days. Trans pilots must register in Admin Bldg upon arvl and dptr. (10-15)
PHILADELPHIA SOUTHWEST ARPT (PHILADELPHIA)-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident. "PG". (12-31) FLD: Closed to non-radio-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (10-8)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo-equipped acft. (12-11)
PITTSBURGH-BETTIS ARPT (PITTSBURGH)-Right traffic on NE and NW rnwys. (11-30)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (11-27)
READING ARPT-RADIO: CAA ILS comm Oct 9 on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)
SMILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)

STAR VALLEY ARPK (CHARLEROI)-Equip. on strip intmtly Unusable in wet weather. (11-22)
★SUNBURY-RADIO: Jan. 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac operates cont without voice.
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (10-15)
VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (5-29)
VANDERGRIFT ARPT-Being repaired-use only center of strips. (4-25)
WEST CHESTER ARPT-Strips under const. (4-15)
★WILKES-BARRE-RADIO: Feb. 1, all voice communications, rdo rcvg facs,teletype and 24 hr weather reporting facs recomm.
WILKES-BARRE-WYOMING VALLEY AIRPORT (WILKES-BARRE)-Use rnwys only. (11-14)
WILLIAMSPORT-RADIO: S course 3° W, bear 14°.
WILLIAMSPORT ARPT-Closed ngts. Avail. emerg. landings only. (10-4)
WILLOW GROVE NAS-Closed ngts. Equip. sides all rnwys days-lgts being installed IFR inbound flights will be accepted daylgt hrs but no IFR outbound flights may be made. (9-16)
WINGS FLD (AMBLER)-NW/SE rnwy unusable (plowed up). Hangar const S side fld. Fld being graded, mrkd days. (9-14)

RHODE ISLAND

CHARLESTOWN NAAS-Const. Low alt formation break-up. Use ctn below 1000' alts. Equip. on Rnwy 4-22.
GREENE ARPT, THEODORE FRANCIS (PROVIDENCE)-Use rnwys only. (1-9)
••NEWPORT ARPK-New fld. Lat. 41-32-00, long. 71-17-00, (1-3) See page 45
★PROVIDENCE-RADIO: Jan. 12, rdo rcvg watches, weather reporting and teletype facs discont. Range will continue to oper without voice fac. About Feb. 17, VHF range will be comm at lat 41-40-32, long. 71-50-49. Freq. 108.7 mcs. Ident."PR" Visual courses: 59°,239°. Aural Courses: 149°,329°. Var. 14°W. Class: VARW.

SOUTH CAROLINA

★ANDERSON-RADIO: MH and voice fac, VHF at commun. stn, teletype and weather reporting facs recomm. Feb. 1. See page 108.
CHARLESTON MUN. ARPT-Use rnwys only.
CLARK FLD (CHARLESTON)-Strips rough. (4-19)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). (12-5)
GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)
GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-rdo equipped acft watch twr for landing direction. Occasional heavy glider traffic. (12-12)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH. FLD: Ltd Army svcg 0800 to 1800. Ltd parking space. (12-23)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. Equip. on fld until approx. Feb. 19. (1-29)
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-RADIO: Soon, DT fac of CAA range will be relocated at Lexington Co. Arpt. (12-7) FLD: Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin. Bldg, mrkd.(12-5)
PARRIS ISLAND MCAS-Use in emerg. only (caretaker status-no facs.)
SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flight plans other than by fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

SOUTH DAKOTA

ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld.
BROOKINGS ARPT-W portion fld soft in wet weather,bal fld usable with ctn.(11-15)
★PHILIP-RADIO: All rdo facs,weather reporting and teletype service decomm.(1-28
RAPID CITY AAB-RADIO: Army ILS temp suspended. (1-3) FLD: No svcg or opers 1900 to 0700 daily. (10-9)
SIOUX FALLS ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (1-8)
★SPEARFISH-RADIO: All rdo facs,weather reporting and teletype service de-d comm. (1-28)
W.W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Blinding 30 million candle pwr ceilometer 1000' NW bcn. (9-27)

TENNESSEE

BEACHVILLE, BCN SITE 63, DL-LV-Will be comm at new location soon.(10-18)
★BERRY FLD (NASHVILLE)-RADIO: Effect Jan. 20, FM approach control comm using the Mt. Juliet FM as the holding fix, lctd 9.6 mi on NE course of Nashville range. FLD: 340' twr of rdo stn WKDA erected 5.5 mi NW (300°T). Lgtd three levels, flashing bcn on top. Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD (CHATTANOOGA)-Intmt dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (9-25)
CORNELIA FORT AIRPK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
EMBRY RIDDLE FIELD (UNION CITY)-Use rnwys only-parked acft.
KNOXVILLE-McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin. Bldg. (10-3)
LEBANON AIRPORT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.
MEMPHIS ARPT-RADIO: CAA ILS flgt-checked Feb. 3. Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctr atop tarm. bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)
MEMPHIS NAS-CLOSED NGTS EXCEPT IN EMERG. Flight plans should be addressed to "MEMPHIS NAVY". Ngt flying in 5 mi radius up to 2500'. Exten flight opers in 15 mi radius. Traffic left at 1000'. Resurfacing rnwys, mats. Red rot.bcn indicates IFR.Disabled acft at intsn of NE/SW E/W rnwys. (1-8)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (6-25)
TRI-CITY ARPT-RADIO: Oct. 5, CAA twr comm, operating 0600-2100. Lgt gun only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough, Soft when wet. (10-22)
WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Light acft use caution. (2-3)

ABILENE-RADIO: Effective. Dec 29 stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr.(9-3)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (10-20)
ARLEDGE FIELD-MAIN AIRDROLE (STAMFORD)-Use rnwys only-parked acft. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (6-3)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (11-22)
ASHERTON AIRPORT-High brush-use strips with caution. (6-11)
AUSTIN-RADIO: Range flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23) Effective Dec 29, stn guards 3117.5 kcs 2300 to 0700.
AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft). (9-23)
BERGSTROM FIELD (AUSTIN)-RADIO: Army ILS avail. on req. for practice flgts only. (1-6) FLD: NE/SW rnwy closed. Unlgtd 20' lclzr truck and antenna 1500' on an extended center line from N end Rnwy 17L. (11-7)
★BIGGS FLD (EL PASO)-RADIO: Army VHF DF stn now in oper on 139.32 and 140.58 mcs. 0800 to 1700 Mon thru Fri. Call Biggs DF Homer. (1-31)Army ILS (CAA type) temp inop. (1-3) FLD: See notice under White Sands Proving Ground, N.M. (12-26)
BRUCE FLD (BALLINGER)-Holes in fld. (10-18)
CAMP HOOD LANDING FLD (KILLEEN)-Not oper on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12, lctd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CM" (- . - . - -). Visual courses: 53°, 233°; aural courses: 323°, 143°. (7-25).
CLEVELAND-RADIO: Oper on exper. basis only. (1-9)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (9-12)
**COCHRAN COUNTY ARPT (MORTON)-New fld. Lat. 33-43-45. Long. 102-44-00. (9-11) See page 60.
★CUDDIHY NAAS (CORPUS CHRISTI)-RADIO: Navy twr decomm. (1-1)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings should be made within orange cone bndrys. Use strips only-parked acft. No sveg or lgts.
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
**ELDER FLD (KILGORE)-300' FM twr erected 2.5 mi NNW (345°) true at lat 32-26-35, long 94-51-55, obst lgtd nightly at each 100' levels, top lgts will be blinker type with two 500 watt lamps. (1-29)
ELDORADO ARPT-E/W strip soft in wet weather. (12-6)
★ELLINGTON FLD (HOUSTON)-RADIO: Army twr reactivated Jan 28. Freq. 219 kcs. See page 117. Army air to ground stn. temp. inop. (11-20) FLD: Closed to VHB acft except in emerg.
ENGLISH FLD (AMARILLO)-RADIO: Middle and outer mrkrs of CAA ILS shut down for const (1-7) Use rnwys, taxi strips only: 60' unlgtd pole 3250' NE of end of NE/SW rnwy. (2-3) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. Five 300' lgtd twrs of Rdo Stn KGNC being erected 15 mi NE (30° true). (1-19)
FAIRCHILDS, BCN SITE 16, ZN-HU-Soon will be perm discont. (12-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
**FORT WORTH AAF-202' rdo twr, obst lgtd, near fld, at lat 32-46-00, long 97-24-48. (1-27) E/W rnwy closed. 40' trees immediate end Rnwy 35L. (12-20)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FIELD (SHERMAN)-Use rnwys only.
GIBBS FIELD (FORT STOCKTON)-Use rnwys only-parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from N end NW/SE strip. Use strips only. (12-5)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Local inst acft using range. Ltd parking, sveg facs. (1-8)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)
GUTHRIE-RADIO: VHF range flight checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH". Visual courses: 72°, 252°, aural courses: 162°, 342°. Blue sector in North quads. "N" in E quad, "A" in W quad. (1-10) Var 11° E.
HALLETSVILLE, BCN SITE 8, ZN-HU Soon will be perm discont. (12-12)
HEARNE BCN SITE, 15, GS-SC-Ben inop. (5-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
**HIGHLAND PARK ARPT (DALLAS)-New fld. Lat 32-53, long 96-46-30. ctc lgts on N/S rnwy. (12-4) See page 97. E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-20)
HITCHCOCK NAF-LTA-RADIO: 6390 kcs transmitter and receiver temp inop.(3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Radio for ngt landings. (5-12)
**HOUSTON ARPT-Neon approach lgts lctd at SW end NE/SW rnwy comm. Jan 18. (1-18) Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip on fld (12-31)
**HUKILL ARPT (DENVER CITY)- Lat. 32-57-45. Long. 102-50-30. (5-11) See page 92.
**IRAAN ARPT-New fld. Lat. 30-54-15. Long. 101-54-00. (10-12) See page 92.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308° aural courses: 38° 218°. (12-9)
KELLY FLD (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W Rnwy 14-32. (1-2)
KENDLETON, BCN SITE 14, ZN-HU Soon will be perm discont. (12-12)
LAMESA ARPT-200' rdo twr being erected approx 3.5 mi SE (130°) true. (1-22)
LAMESA FLD-Holes in fld. (10-16)
LAREDO ARPT-Acft taxi to S hangar on main ramp for sveg. Tetrahedron unlgtd uncontrollable. Ctc Laredo Rdo for landing information. (12-14)
LAUGHLIN FLD (DEL RIO)-Closed-emerg use only.
**LOLITA SITE 5 YK-UX cut off, discontinued. (1-31)
LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (5-18)
LOVE FLD (DALLAS)-RADIO: CAA ILS glide path and lclzr ground-checked only. (1-26) FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. Rnwy 7-25 closed-equip. (1-17)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
**MARY NEAL SITE 24 JR-RE discontinued (1-31)
MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL 5100' N of N end N/S rnwy on extended centerline directly on lclzr course. (12-31)
**MINERAL WELLS ARPT-Lgtd wind cone, rot. bcn on all ngt; rnwy lgts on req. (1-2) (5-6) New entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (12-5)
★NAVASOTA-RADIO: CAA range operating without voice fac, Class: MRLW (1-22)
NIXON, BCN SITE 4, ZN-HU Soon will be perm discont. (12-12)

ORANGE ARPT-NE/SW,NW/SE strips under const: Use only E/W strip. Fld flooded after rains. (7-10)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (10-21)
PAMPA ARPT-Hangars being const along N/S hangar line parallel to N/S strip. (10-18)
**PARKER ARPT (TEXAN)-New fld. lat. 31-13-15, long. 101-43-45. (9-17). See page 92. Hangar under const. (9-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon, will be perm discont. (12-12)
**POST ARPT-New fld. lat. 33-11-45, long. 101-22-15 (9-12). See page 92.
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (11-6)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
**RANKIN ARPT-New fld. Lat. 31-13-45, long. 101-56-00. (10-9) See page 92.
RAYMONDVILLE INT, SITE 5, JI-FV-Lgt acft use ctn-gopher holes. (11-28)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 clsd. Use rnwys, taxi strips only. Bldg. 300' E, 700' S of N end Rnwy 17-35 lgtd. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lgtg. (1-28)
**ROBERT LEE, SITE 21, JR-BZ-Discontinued. (1-31)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (8-1)
**ROTAN ARPT-New fld. Lat. 32-52-15, long. 100-28-30. (9-12) See page 92.
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANGELO ARPT-NW/SE rnwy lgts inop. (1-29)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio ATC. Acft inbound to Randolph Fld or operating in that vicinity under IFR etc Randolph, Alamo, or San Antonio Range Stn and adhere to instructions issued by San Antonio ATC. Acft outbound from Randolph Field adhere to instructions issued thru Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD (SAN ANTONIO)-Ltd svcg. Closed ngts to all civil acft except scheduled airlines. (10-17)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
**SEMINOLE ARPT-New fld, lat. 32-43-00, long. 102-37-45. (9-14). See page 93.
**SHEPPARD KELL MUN. (WICHITA FALLS)-500' twr of FM rdo stn KTRN erected 6 mi SSW (200°T) at lat. 33-54-00, long. 98-32-25 comm. Jan. 23, 1947, lgtd. Elev. 1310' MSL. (1-23) Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
**SHUCH RANCH, SITE 20, JR-BZ-Discont. (1-31)
**SKYHAVEN ARPT (MIDLAND)-New fld. Lat. 32-00-45, long. 102-03-30. (10-30) See page 92. Hangar under const. (10-30)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft revd only between 0600 and 1630 Mon thru Fri. Svcg, opers avail. 0600 to 2200. Ltd transportation, no housing, messing facs. (12-12)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (11-13)
**STOCKTON ARPT (FALFURRIAS)-ABANDONED (1-30) (113)
TERRELL, BEACON SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx. 15 mi WSW Texarkana Arpt, 0900-1615 daily except Sat. and Sun. All acft cautioned to fly above 1500' over this area.
**THOMASTON, SITE 2, YK-UX Cut-Off, discont. (1-31)

**TURKEY ARPT-New fld. Lat. 34-21-30, long 100-54-30 (9-11) See page 93.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only(12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon, will be perm discont (12-12)
WEATHERFORD ARPT-Use only N end fld-stripe under const. Closed to heavy acft. (12-9)
WHITE FIELD (BRADY)-CLOSED. (8-7)

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-CLOSED (snow) (1-30)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (10-23)
**GRASSY MOUNTAIN BCN SITE 573 MI SF-SL-Discont. Jan. 24, 1947. (1-24)
HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7 mc rcvr temp inop. Stn unmanned from 2200 to 0600. (1-23)
★HILL FLD (OGDEN)-RADIO: Army air to ground stn now oper on 4765,2862, 4697.5 kcs., voice, 3200,4595 kcs CW, 116.1,140.58,137.88 mcs. This corrects Airgi, Vol. 1, No. 22.
MILFORD ARPT, SITE 45, LA-SL-Lgtd bldgs being const 300' N of bcn twr E side fld. Unlgtd bldgs SE corner fld S of and adj to bcn twr. Equip. on fld. Trench being dug across taxiway to hangar, mrkd. Soft during thawing weather. (1-25)
OGDEN-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-23)
PROVO ARPT-Soft shoulders. Fld lgts avail. on req. (12-30)
**ST. GEORGE INT, SITE 36, LA-DV- Correct location: lat 37-02, long. 113-31 (1-22)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft.(1-2)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont. aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-RADIO: Lclzr of ILS oper without voice.(12-16)
FLD: Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi. E, in the Low Flight Strip area, from 0600 to 1800. See chart 28.
WENDOVER FLD-Opers inop. 1700 to 0730. Fld closed 1800 to 0730 except on 24 hrs advance notice and in emerg. Obst lgts on mtns N and W of fld inop.(2-3)

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
★BURLINGTON ARPT-RADIO: CAA twr now transmits on 278 kcs., 126.16 mcs. Guards 3105,4495,6210,3117.5 kcs., 122.5,126.16 mcs. (1-31) These data revd too late for inclusion on Flight Planning Charts and in "ANRA".
FLD: Use rnwys only. (12-3)
★MONTPELIER-RADIO: Jan. 12, rdo rcvg watches, weather reporting and teletype facs discont. Range will continue to oper without voice fac.

ALBERTA ARPT-ENE-WSW strip rough. Ends, sides ENE/WSW NNW/SSE stripe mrkd by 12' yellow mrkrs. (1-14)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (5-28)
ARCOLA-RADIO: Soon, CAA range will be comm at lat 38-56-30, long. 77-26-41. Freq. 233 kcs. Ident. "EC". Courses 41°, 140°, 222°, 316°. Var. 6° W. Stn class: SRAWZ. (1-14)

BLACKSTONE-RADIO: Reception on all guarded freqs, except 116.1 mcs. occasionally unreliable (heavy lcl interference). (1-29)
**BRISTOL ARPT-New fld. Lat 36-36, long. 82-10 (1-3) See Page 108.
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except in emerg or on req with 2 hrs notice. Bcn operates all ngt except during lcl ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. (9-5)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md; Norfolk, Va; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory, Philadelphia, Pa; Cherry Point MCAS, S.C, Quantico MCAS, Va; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md; Lakehurst NAS, N.J. 1 rnwy closed. Equip. on fld. Only 1 rnwy avail. ngts. (8-28)
**DANVILLE-RADIO: Jan 12, rdo rcvg watches, weather reporting and teletype facs discont. MH fac operates cont without voice.
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status - no facs).
GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
HYBLA VALLEY ARPT (ALEXANDRIA)-Surplus Acft Sales Center - parked acft.
LANGLEY FLD-RADIO: N course of Army range swinging 5° W, bear. 167°. (1-15)
FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD-SITE 35A, NA WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (12-31)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facs).
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF range comm FOR TEST PURPOSES ONLY. Lctd at lat 36-48-13, long. 76-12-06. Ident. "NW". Freq. 108.7 mcs. Visual courses: 20° 15', 200° 15'. Aural courses: 110° 15', 290° 15'. Class: VARW. Aligned by ground check only. (1-20)
NORFOLK NAS-EAST FLD-Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flights proceeding in accordance with IFR to NAS Norfolk, shall establish radio ctc with twr at NAAS Chincoteague, Va., for further clearance instructions from Navy Norfolk. Pilots on Northbound coastal flights proceeding in accordance with IFR to NAS Norfolk shall establish radio ctc with Navy Weeksville Radio, NAS (LTA) Weeksville, Elizabeth City, N.C., for further clearance and instructions from Navy Norfolk. Equip. on fld. (7-22)
OCEANA NAAS-Rnways, taxi strips under const. Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Essential mil flights accepted anytime on prior notification. (9-26)
ORANGE CO. ARPT-Strips muddy in wet weather. (12-29)
PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)
PETERSBURG ARPT-Avail. emerg landings only. (1-20)
PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy, 2 poles approx 3200' NW of W end E/W rnwy, and 3 poles approx 3600 to 3900' W of W end E/W rnwy unlgtd. (2-1)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse this fld with the Richmond AAB.
RICHMOND AAB-Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without estab. rdo commun. with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (8-7)
SHENANDOAH ARPT-N/S strip under const. (10-29)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (10-18)
VALLEY ARPT (WAYNESBORO)-Ctn when wet. (12-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (6-7)

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous - all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON NAAS-Use in emerg only (caretaker status - no facs).
**BELLINGHAM ARPT-Redesignated as Arpt of Entry for period of one yr from Jan 1, 1947. See Page 1. Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
COLVILLE ARPT-NW/SE strip closed. (11-6)
COUPEVILLE OLF-Closed except in emerg. Training use required 24 hrs adv notice thru Whidbey Island NAS. (9-11)
DOROTHY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)
EASTON INT, SITE 5B, SA-HL-CLOSED (snow). (11-22)
**EPHRATA-RADIO: VHF voice fac comm at commun stn Jan 20. Transmits on and guards 116.1 mcs cont. Class: EMRLZ-DTV.
EPHRATA ARPT-Loose cattle on fld. (10-7)
FAIRWEATHER FLD (REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Rancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. (12-13)
HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment. (7-1)
KENMORE ARPT (BOTHELL)-Avail. emerg use only - cattle. (9-10)
KING CO. ARPT-BOEING FLD (SEATTLE)-Use rnwys, taxi strips only. Equip. adj Rnwy 13-31. Lgt acft graded strip between main rnwy and E taxiway closed-avoid mrkrs this area. (12-27)
LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED. (4-26)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
McCHORD FLD (TACOMA)-RADIO: Army ILS (CAA type) temp inop. (1-7) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs adv notice thru Whidbey Island NAS. Bcn inop. (10-1)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn lcl and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt mgr or CAA Commun Stn. 145' unlgtd derrick 3 mi SSE. (1-10)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status - no facs).

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PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
ROSALIA MUN ARPT-12" grass and weeds. (7-16)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE-All acft advised not to fly below or near blimps in Puget Sound area
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32, near GCA unit. (1-29)
SEATTLE-TACOMA ARPT (SEATTLE)-RADIO: ILS emits lclzr signals on 110.3 mcs, bndry and outer mrkr signals on 75 mcs cont. These signals may at times be spurious and are not to be relied upon for any purpose. (10-8) FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. (8-22)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
TOLEDO INT, SITE 63B, SF-SA-Use strips only - sodded portions soft. (11-18)
★WALLA WALLA AAF-RADIO: Army VHF DF stn now operates cont. (1-28) FLD: All
** blinker lgts on mtns E of fld perm removed. (1-29) No opers office.(1-29)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD (WHIDBEY ISLAND)-Bcn opers on IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. Tetrahedron lgts inop. (12-12)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)
★WOODLAND-RADIO: Jan 23, ident of Woodland FM changed to two dots, four dashes.
YAKIMA CO. ARPT (YAKIMA)-Use rnwys, taxiways only - graded areas soft, rough Tetrahedron inop. (1-11)

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TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Keres (South) rnwy.

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**BOLLINGER ARPT (CHARLESTON)-Stn WCAW 358' twr erected at lat 38-20-26, long 81-37-45, approx 2 mi ENE (60°) true, lgtd at 1/3 levels. Flash. lgt top level. (1-14)
CLARK ARPT (WINFIELD)-Obst lgts atop 325' twrs of Rdo Stn WCHS, 9.5 mi. SE (140° true) inop. (1-20)
ELKINS ARPT-Contact Elkins Rdo or circle fld before landing. (7-16)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (1-6)
MORGANTOWN-RADIO: Range flgt-checked Jan 23, courses correctly aligned.
SCOTT FLD (BECKLEY)-Use right traffic on N course. (12-31)

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CHAPLIN'S ARPT (PLYMOUTH)-NE/SW, NW/SE strips under const. (10-21)
CLINTONVILLE ARPT-Use plowed strips only. (1-8)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)
**GENERAL MITCHELL FLD (MILWAUKEE)-Code Bcn atop rot bcn discont. perm. (1-7) Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flgts to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)
OMRO ARPT (OMRO)-Use strips only. (1-6)
LA CROSSE ARPT-Use rnwys only. (9-24)

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LA CROSSE INT, SITE 23A, CO-TWIN CITIES-Snow fence erected 50' W of E bndry entire length of fld. E bndry lgts moved in to snow fence. (11-8)
MOREY ARPT (MADISON)-Use strips only. (1-8)
PLATTE ARPT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)
**SHAWANO ARPT-Either flood or port. rnwy lgts on prior req. See Page 16.
Use rnwys only. (1-2)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (1-3)
SOLON SPRINGS ARPT-Const - unusable. (10-29)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TAYLOR CO. ARPT (MEDFORD)-Avail. in emerg only. Very rough. Maintained for small acft only. (6-6)
TOMAH ARPT-N/S strip under const. (7-9)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Fld lgts and aweg not avail. 0030 to 0730.
VETERANS FLD (MENOMONIE)-Rough. (1-2)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. (12-13)
WINNEBAGO CO. ARPT (OSHKOSH)-Use N/S, E/W rnwys only. (1-8)

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★CASPER AAF-RADIO: Army twr reactivated Jan 27. Freq 396 kcs., 126.18 mcs. Guards 3105,4495,6210 kcs, 126.18 mcs. (1-31). Guarded freqs rcvd too late for inclusion in "ANRA". FLD: No opers office. (1-29)
CHEYENNE ARPT-Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip 1000' from E end. (1-1)
FORT BRIDGER INT, SITE 9, SL-OH-Hazardous to all acft (snow). (2-4)
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
KEMMERER INT, SITE B17, BX-RT-CLOSED (snow). (1-29)
**LINGLE ARPT-New fld. Lat 42-09-15, long. 104-20-15. (10-18) See Page 28.
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Stay on pavement. Equip. on fld. (12-31)
SUSSEX INT, SITE 22A, CX-GT-CLOSED (snow).(2-4) These data rcvd too late for (R) symbol.
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only -bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (10-30)

BERMUDA APPROACH CONTROL AREA PROCEDURES:

Acft enrte to Bermuda shall set a crs to enter the Bermuda Apch Ctl Area as specifically outlined blw unless otrw authorized by the Bermuda Apch Ctl Cntr. Rtes Acft apchg Bermuda from 360° to but not inclds 60° Mag. crs shall set a crs to intercept the NE crs of the "King Baker" Rdo Rng at a point aprxly 150 nautical mis from the rdo rng. Acft apchg Bermuda from 60° to but not inclds 120° Mag. Crs shall set a crs to intercept the E crs of "King Baker" Rdo Rng at a point aprxly 150 nautical mis from rdo rng stn. Acft apchg Bermuda from 120° to but not inclds 180° Mag. crs shall set a crs to intercept the SE crs of the "How Oboe" Rdo Rng at a point aprxly 150 mis from the Rdo Rng. Acft apchg Bermuda from 180° to but not inclds 230° Mag. crs shall set a crs to intercept the SW crs of the "Nan Xray Mike" Rdo Rng at a pnt aprxly 150 nautical mis from the rdo rng. Acft apchg Bermuda from 230° to but not inclds 280° Mag. crs shall set a crs to intercept the SW crs of the "How Oboe" rdo rng at a pnt aprxly 150 nautical mis from the Rdo Rng. Acft apchg Bermuda from 280° to but not inclds 315° Mag crs shall set a crs to intercept the W crs of the "King Baker" Rdo Rng at a pnt aprxly 150 nautical mis from the Rdo Rng. Acft apchg Bermuda from 315° to but not inclds 360° Mag.crs shall set a crs to intercept the NW crs of the "How Oboe" Rdo Rng at a pnt aprxly 150 nautical mis from the Rdo Rng.

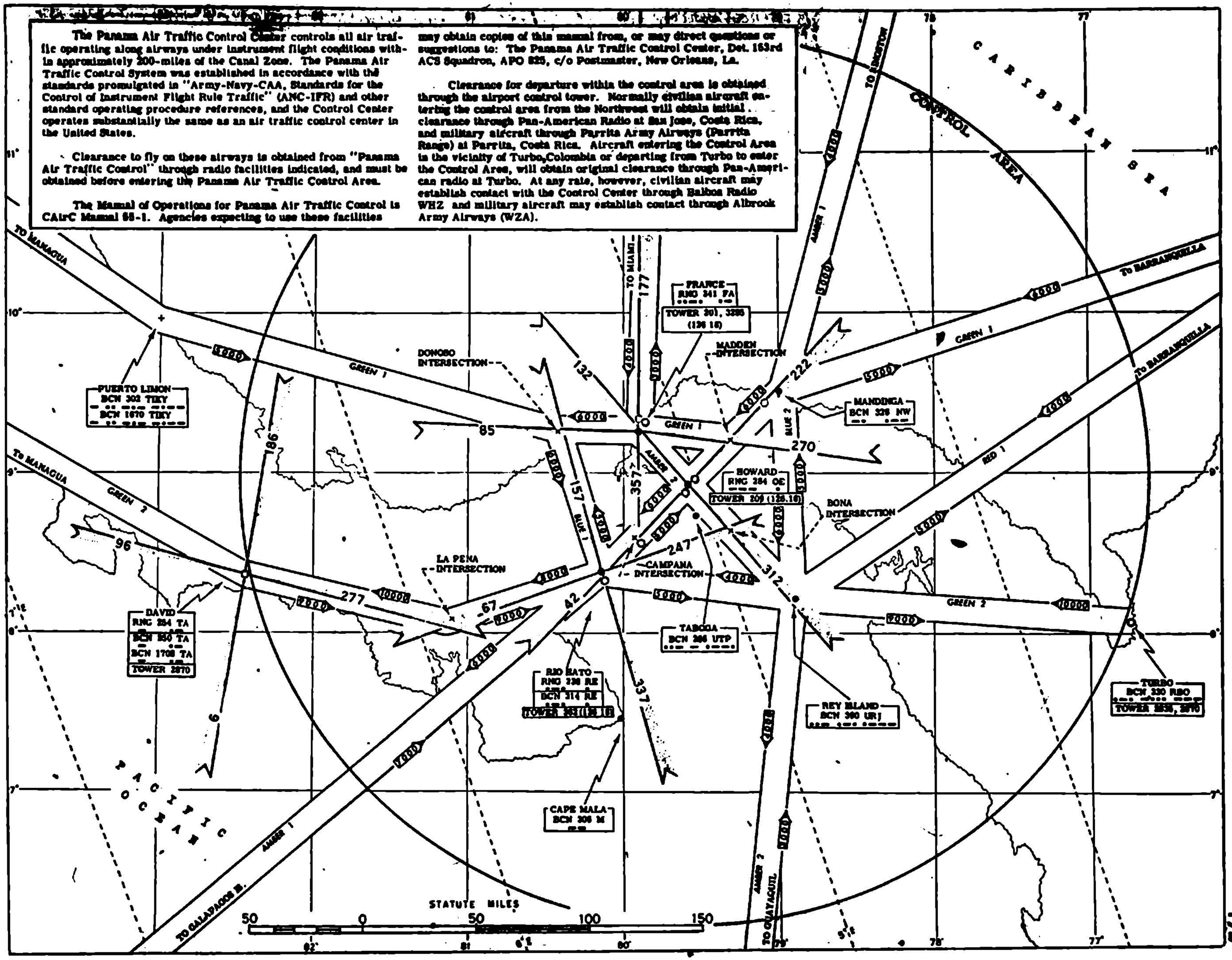
PANAMA AIRWAY TRAFFIC CONTROL AREA

The Panama Air Traffic Control Center controls all air traffic operating along airways under instrument flight conditions within approximately 200-miles of the Canal Zone. The Panama Air Traffic Control System was established in accordance with the standards promulgated in "Army-Navy-CAA, Standards for the Control of Instrument Flight Rule Traffic" (ANC-IFR) and other standard operating procedure references, and the Control Center operates substantially the same as an air traffic control center in the United States.

Clearance to fly on these airways is obtained from "Panama Air Traffic Control" through radio facilities indicated, and must be obtained before entering the Panama Air Traffic Control Area.

The Manual of Operations for Panama Air Traffic Control is CAirC Manual 55-1. Agencies expecting to use these facilities may obtain copies of this manual from, or may direct questions or suggestions to: The Panama Air Traffic Control Center, Det. 163rd ACS Squadron, APO 825, c/o Postmaster, New Orleans, La.

Clearance for departure within the control area is obtained through the airport control tower. Normally civilian aircraft entering the control area from the Northwest will obtain initial clearance through Pan-American Radio at San Jose, Costa Rica, and military aircraft through Parrita Army Airways (Parrita Range) at Parrita, Costa Rica. Aircraft entering the Control Area in the vicinity of Turbo, Colombia or departing from Turbo to enter the Control Area, will obtain original clearance through Pan-American radio at Turbo. At any rate, however, civilian aircraft may establish contact with the Control Center through Balboa Radio WHZ and military aircraft may establish contact through Albrook Army Airways (WZA).



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RADIO FACILITIES OF PANAMA AREA

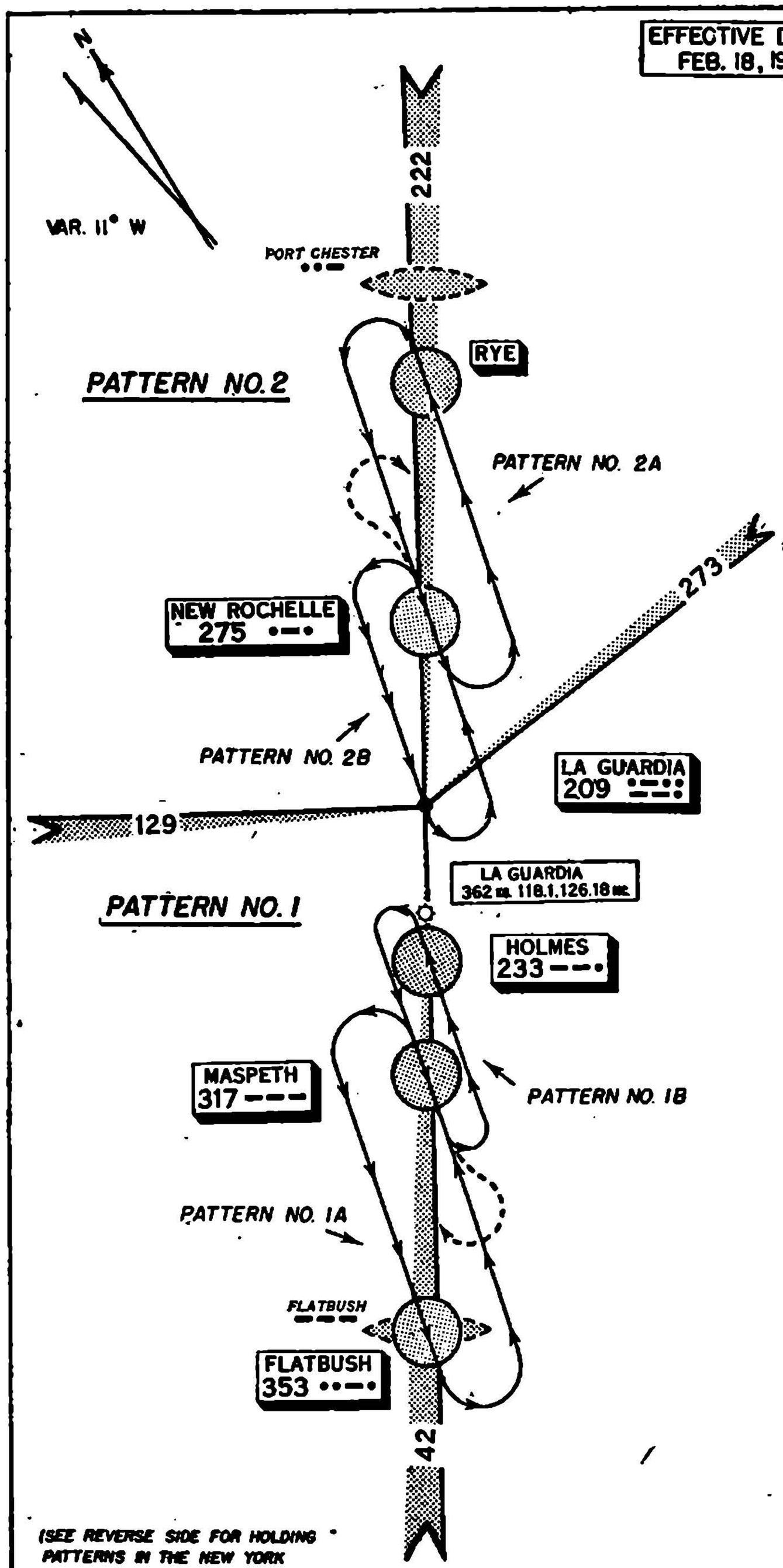
AIRPORT	CONTROL TOWER			RADIO NAVIGATION AIDS					LOCATION AID TO FLD		DF FREQ		AIR/GROUND					OPER-ATED BY	REMARKS
Name	Trans	Rec	Hrs	Type	Freq	Iden	Hrs	Watt	Bear	Miles	Freq	Hrs	Call	Trans	Rec	Emiss	Hrs		SCS-51, GCA, ETC.
Albrook Field Canal Zone	126.18 219	126.18 4495 3105 6210 2870	DN DN DN DN DN										WZA Airways WHZ Balboa WHZ Balboa WHZ Balboa	8280 8200 4595 4220 11445 6597 5602.5 5162.5 3082.5 3076 3057.5 2912 5692.5	8280 8200 4595 4220 4495 11445 6597 5602.5 5162.5 3082.5 3076 3057.5 2912 5692.5	CW CW CW Voice Voice CW CW Voice CW & V CW & V CW & V Voice Voice Voice	DN DN DN DN DN DN D D D N N N N D	AACS CAA	D-F evaluation station operative day only. WX H + 35 and Rq. 1100-2300Z
Barranquilla Colombia	2835	2835 2870	D D	Beacon	353	QUI	R	1200	S	2.0			HKG	6583 3076 5602.5 3057.5 5580	6583 3076 5602.5 3057.5 5580	CW CW Voice Voice CW & V	D D D N D	AVC	
Cape Mala Panama				Beacon	306	M	00-10 30-40	750										USN	
Cartagena Colombia	2835	2835	DN	Beacon	1610	AGE*	P	75	At	Field			HKG2	5580	5580 3057.5	Voice Voice	D N	AVC	* Beacon on request only
David Panama	2870	2870	DN	Range Beacon Beacon	254 1708 350	TA TA TA	DN D N	BMRLZ 1200 1200	146 343	0.45 0.7	8280 8200 4595 4220 5162.5 3082.5	D D D D D D	WYTW Airways David	 8200 4595 4220 5162.5 2912	8280 8200 4595 4220 5162.5 3082.5	CW CW CW Voice Voice Voice	D D D D D N	AACS	WX for David H + 35 from 1230-2130Z
France Field Canal Zone	126.18 201 3295	126.18 4495 3105 3295 6210 2870	D D D D D D	Range	341	FA	DN	SBRAZ	33	5.0	8280 8200 4595 4220 4495	D D D D D	WYP Airways	 8200 4595 4220	8280 8200 4595 4220 4495	CW CW CW Voice Voice	D D D D D	AACS	WX H + 05 and Rq. From 1100-2300Z
Howard Field Canal Zone	126.18 209	126.18 4495 6210 2870	DN DN DN DN	Range	284	OE	DN	BMRLZ	175	2.25								AACS	Range unreliable for setdown. WX for Howard Field
Mandinga Island Panama				Beacon	326	NW	DN	1000										CAIRC	
Maracaibo Venezuela	2870	2870	DN	Beacon Beacon	267.5 1608	YM YM	P S	1200 1200	At	Field			Maracaibo	5602.5 3057.5	5602.5 3057.5	Voice Voice	D N	PAA	
Monteria Colombia	2835	2835	DN	Beacon	1630	MTR	R	75					HKG3	5580	5580	Voice	D	AVC	
Puerto Limon Costa Rica				Beacon Beacon	1670 302	TIKV TIKV	R R	1200 1200										PAA	
Rey Island Panama	Use	Airways		Beacon	390	URJ	DN	1000	At	Field			Airways	390	2870 4495	Voice Voice	D D	CAIRC	WX for Rey Isle H + 35
Rio Hato Panama	126.18 362	126.18 4495 3105 6210 2870	D D D D D	Range Beacon Racon	236 314 X	RE RE 1-1-3	DN DN	BMRLZ 1200	154 E 216	1.7 0.5 1.29	8280 8200 4595 4220 4495	D D D D D	WYYT Airways	 8200 4595 4220	8280 8200 4595 4220 4495	CW CW CW Voice Voice	D D D D D	AACS	WX for Rio Hato H + 35 Control Tower operates 24 hours daily
San Marcos Colombia	2835	2835 2870	D D	Beacon	380	SRS*	R	1000	At	Field			HKK9	5580 5602.5	5580 5602.5	Voice Voice	D D	AVC PAA	* Beacon on request through Barranquilla.
Taboga Island				Beacon	265	UTP	DN	600										CAIRC	
Turbo Colombia	2835 2870	2870	D	Beacon	330	RBO	D	1200	W	0.3			HKP	5580	5580	Voice	D	AVC	

MR 19480—Panama Canal—10-30-46—300

LA GUARDIA FLD. ADF HOLDING & INSTRUMENT APPROACH PROCEDURES

EFFECTIVE DATE
FEB. 18, 1947

NOTE: THIS CHART IS PRESENTED FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE USED FOR NAVIGATION.



(SEE REVERSE SIDE FOR HOLDING PATTERNS IN THE NEW YORK METROPOLITAN AREA.)

ADF HOLDING AND INSTRUMENT APPROACH PROCEDURES FOR LA GUARDIA FIELD, N. Y.

The complete patterns outlined in Holding Pattern #1 will be used for North landings and the #2 Pattern will be used for South landings.

ADF approaches and holding will be in accordance with those procedures shown, normally when the La Guardia ceiling is reported less than 1000'. La Guardia Approach Control, however, will advise in all cases of the type of holding and approaches to be made.

Holding in Patterns 1A and 2A will generally be at the 5500,6500, 7500,8500, and 9500 foot levels. Holding in Patterns 1B and 2B will be at 4500,3500, and 2500 foot levels.

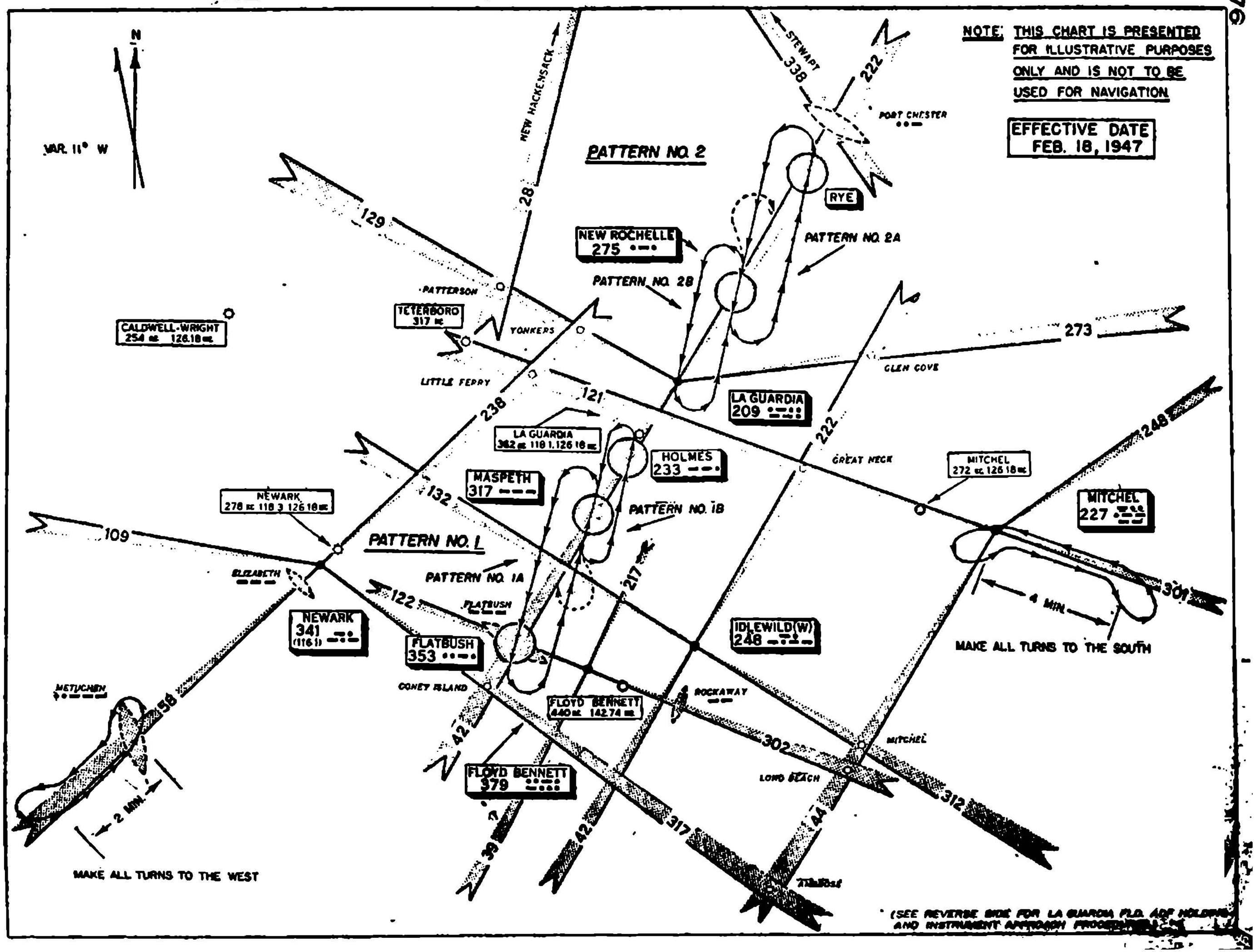
Pilots will be advised when to report over Maspeth or New Rochelle while in Patterns 1B and 2B and will be given a course to steer and advised when right turns to be made for return to the La Guardia radio range courses for final approach to the airport.

Appropriate detailed information concerning these procedures and for the entire New York Metropolitan Area are contained in the New York Airway Traffic Control Center Operations Letter #14, copies may be obtained from:

Chief Controller,
New York Airway Traffic
Control Center
La Guardia Field, N.Y.

Important Note: The Rye, N.Y. locator marker was not commissioned at the time this drawing was prepared. Consult the Airman's Guide for commissioning date, frequency, and identification.

NEW YORK METROPOLITAN AREA HOLDING PATTERNS



AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	Jan. 7, 1947	
Albuquerque	Sept. 9, 1946	
Aroostook	Dec. 31, 1946	
Austin	Aug. 11, 1946	
Beaumont	July 25, 1946	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct. 25, 1946
Boston	July 2, 1946	
Burlington	Dec. 31, 1946	
Butte	May 15, 1946	Nov. 6, 1946
Casper	Nov. 7, 1946	
Charlotte	Oct. 25, 1946	
Chattanooga	Oct. 25, 1946	
Cheyenne	Nov. 12, 1946	
Chicago	Dec. 24, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	June 24, 1946	
Corpus Christi	Aug. 6, 1946	
Dallas	Sept. 23, 1946	
Del Rio	Jan. 22, 1946	July 23, 1946
Denver	Sept. 17, 1946	
Des Moines	Dec. 13, 1946	
Detroit	Dec. 31, 1946	
Douglas	July 27, 1946	
Dubuque	Oct. 2, 1945	Dec. 12, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	Nov. 1, 1946	
El Paso	July 25, 1946	
Fargo	May 29, 1946	Nov. 21, 1946
Glacier Park	Oct. 30, 1946	
Grand Canyon	Feb. 19, 1946	Sept. 16, 1946
Grand Junction	Feb. 19, 1946	Sept. 13, 1946
Green Bay	June 12, 1946	Dec. 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Aug. 11, 1946	
Kansas City	Sept. 27, 1946	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 13, 1946	Dec. 3, 1946
Lake of Woods	May 24, 1946	Nov. 19, 1946
Lewiston	July 2, 1946	Dec. 3, 1946
Lincoln	Dec. 3, 1946	
Little Rock	Sept. 27, 1946	
Los Angeles	Aug. 12, 1946	
Miami	Aug. 8, 1946	
Miles City	May 13, 1946	Nov. 12, 1946
Milwaukee	Dec. 31, 1946	
Minot	June 6, 1946	Nov. 19, 1946
Mobile	Aug. 6, 1946	
Mt. Shasta	Oct. 25, 1946	
Mt. Whitney	Aug. 27, 1946	
Nashville	Oct. 13, 1946	
New Orleans	Aug. 8, 1946	
New York	July 2, 1946	
Norfolk	Oct. 23, 1946	
Oklahoma City	Sept. 23, 1946	
Orlando	Aug. 6, 1946	
Phoenix	Aug. 21, 1946	
Pocatello	Nov. 3, 1946	
Portland	Oct. 25, 1946	
Prescott	Mar. 5, 1946	Sept. 3, 1946
Rapid City	Nov. 13, 1946	
Reno	May 17, 1945	Aug. 26, 1946
Roswell	Sept. 16, 1946	
Sacramento	Sept. 9, 1946	
Salina	Sept. 26, 1946	
Salt Lake City	Nov. 7, 1946	
San Antonio	July 30, 1946	
San Diego	Aug. 27, 1946	
San Francisco	Aug. 10, 1946	
Savannah	Oct. 25, 1946	
Seattle	Oct. 23, 1946	
Shreveport	Sept. 16, 1946	
Sioux City	May 31, 1946	Nov. 22, 1946
Spokane	Oct. 23, 1946	
Trinidad	Sept. 16, 1946	
Tulsa	Sept. 27, 1946	
Twin Cities	May 31, 1946	Dec. 8, 1946
Washington, D.C.	Oct. 22, 1946	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	July 13, 1946	WAC 364	Aug. 11, 1946	WAC 467	Aug. 8, 1946
WAC 216	Oct. 21, 1946	WAC 267	Nov. 22, 1946	WAC 310	Aug. 6, 1946	WAC 404	Aug. 26, 1946	WAC 468	July 30, 1946
WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Aug. 28, 1946	WAC 469	July 25, 1946
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	July 17, 1946
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	July 15, 1946
WAC 262	June 26, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	July 29, 1946
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Aug. 8, 1946
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Aug. 29, 1946	WAC 410	Oct. 13, 1946		
WAC 265	Dec. 5, 1946	WAC 308	Dec. 12, 1946	WAC 363	Aug. 11, 1946	WAC 466	Aug. 10, 1946		

RADIO DIRECTION FINDING

21-DF	Jan. 3, 1947	23-DF	Sept. 6, 1946	25-DF	Oct. 6, 1946
22-DF	July 22, 1946	24-DF	Nov. 21, 1946	26-DF	Oct. 30, 1946

LOCAL

Brownsville	July 8, 1946	New York & Vicinity	Aug. 6, 1946
Los Angeles	Sept. 13, 1946	San Diego	Aug. 20, 1946
Miami	July 3, 1946	Seattle	Nov. 28, 1946
		Washington	Nov. 7, 1946

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	WAC 77	Mar. 1946	WAC 118	July 1946	WAC 136	May 1946	WAC 139	Mar. 1946	WAC 191	Apr. 1946
WAC 63	May 1946	WAC 78	Mar. 1946	WAC 119	Jan. 1946	WAC 137	Mar. 1946	WAC 186	Mar. 1946	WAC 192	Mar. 1946
WAC 64	Mar. 1946	WAC 117	Aug. 1946	WAC 135	Nov. 1946	WAC 138	May 1946	WAC 190	Apr. 1946	WAC 193	Mar. 1946
WAC 76	May 1946										

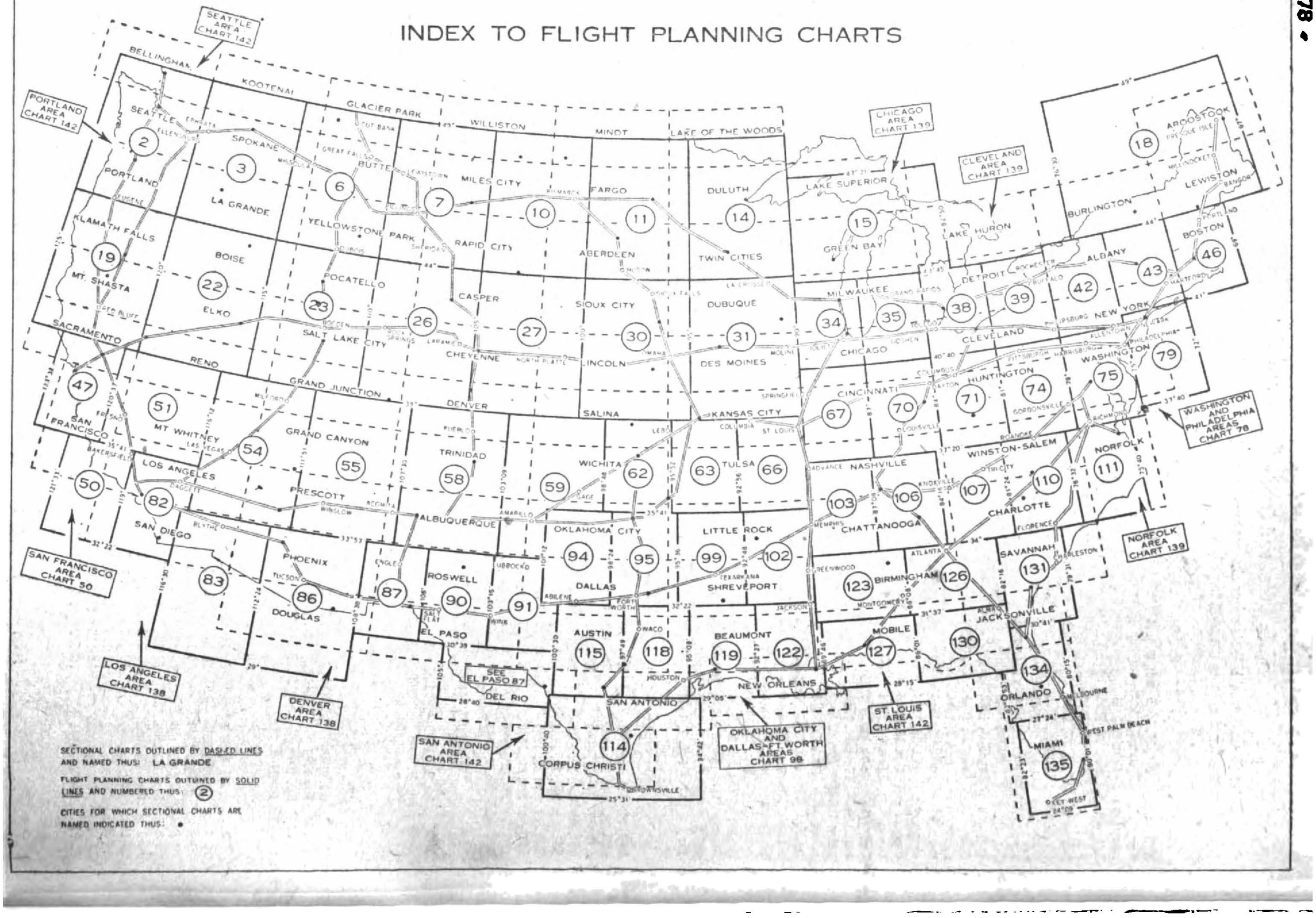
FLIGHT

FC 3	July 9, 1946	FC 14	Feb., 1945	FC 178	Nov. 13, 1946	FC 214	May 31, 1945	FC 225	June 7, 1945
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	July 11, 1946	FC 216	Oct. 26, 1946	FC 226	Dec. 12, 1946
FC 6	Oct., 1946	FC 16	Aug. 6, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Sept. 12, 1945
FC 7	Aug. 6, 1946	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Aug. 1, 1946
FC 8	Sept. 17, 1946	FC 43	May 31, 1946	FC 184	Oct. 12, 1946	FC 219	Sept. 6, 1946	FC 229	July 9, 1946
FC 9	Sept. 17, 1946	FC 173	Nov. 25, 1946	FC 185	Nov. 12, 1946	FC 220	Sept. 11, 1946	FC 230	July 30, 1946
FC 10	Oct. 1, 1946	FC 174	Dec. 2, 1946	FC 186	Aug. 17, 1946	FC 221	Nov. 14, 1946	FC 231	July 22, 1946
FC 11	July 9, 1946	FC 175	May 31, 1945	FC 187	May 31, 1946	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
FC 12	Aug. 6, 1946	FC 176	Sept. 20, 1946	FC 188	Aug. 19, 1946	FC 223	Nov. 12, 1946	FC 233	Sept. 24, 1946
FC 13	May 28, 1946	FC 177	July 12, 1946	FC 213	Aug. 19, 1946	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

AUXILIARY

3060b	Nov. 1, 1946	3069a	July 9, 1946

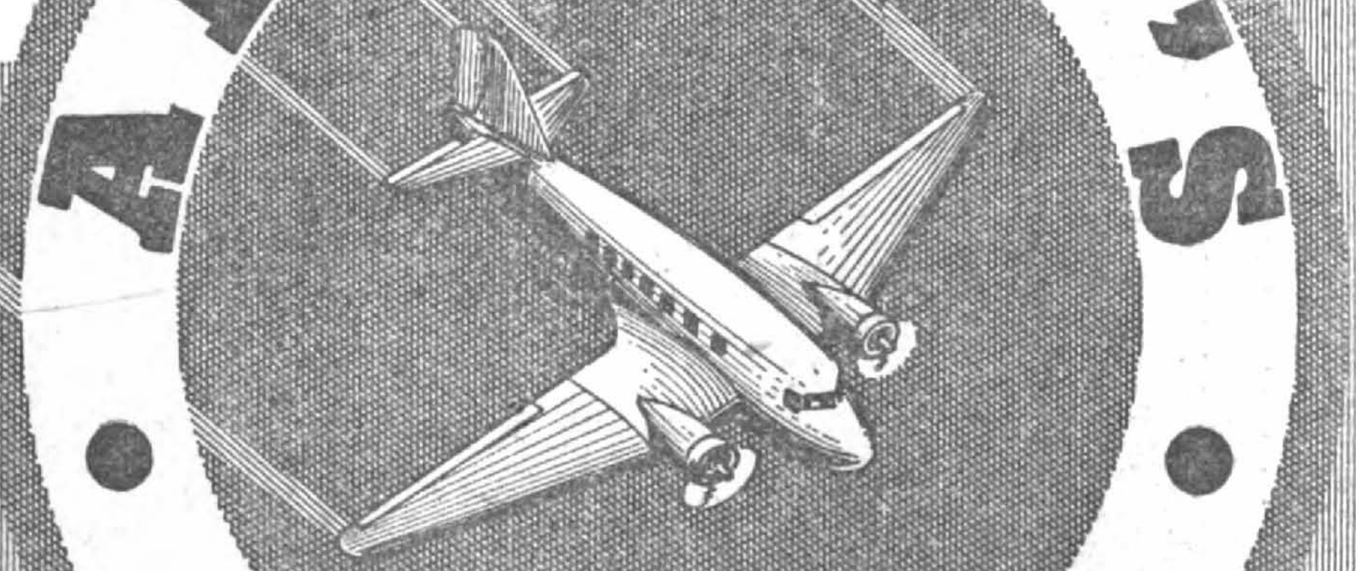
INDEX TO FLIGHT PLANNING CHARTS



IMPORTANT

See Announcement on Last Page

AIRMAN'S GUIDE



NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 1, NO. 24 . . FEBRUARY 18, 1947

This issue includes all data on record as of 0001 E. S. T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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Whitetail (6)
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(95)-Page number of chart on which these locales are inscribed. *-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

Pulaski,Wisc.(15)Green Lake,Wisc.(15,34) Rankin,Tex.(91)Rolan,Tex.(91) Seminole,Tex.(94) Texan,Tex.(91)Post,Tex.(91) Turkey,Tex.(94)

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs.
(4) - Station guards 3105, 4495, 6210, 3117.5 Kcs.
(7-24) - Hours of operation (7 A.M. to midnight) on a 24-hour clock basis
→ - New or revised data *

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City, County, Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators) power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Voice communication with aircraft
VAR.....Visual-aural VHF range
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •————	3 •••––	5 •••••	7 ––•••	9 ————•
2 ••–––	4 ••••–	6 –••••	8 ———••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered nondirectional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency and, generally, VHF of 116.1 mcs.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, *see FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in part by Navy
CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N) or (CG) follows the airport name.

CLASS

SIZE

4h: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L2: Incomplete lighting, either flood or portable runway lights
L4: Beacon only
L5: Beacon and boundary
L6: Beacon, boundary, and obstruction
L7: Beacon, boundary, and flood
L8: Beacon, boundary, obstruction, and runway contact
(L8): Identical to L8 except that runway contact lights are high intensity
L9: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L9): Identical to L9 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

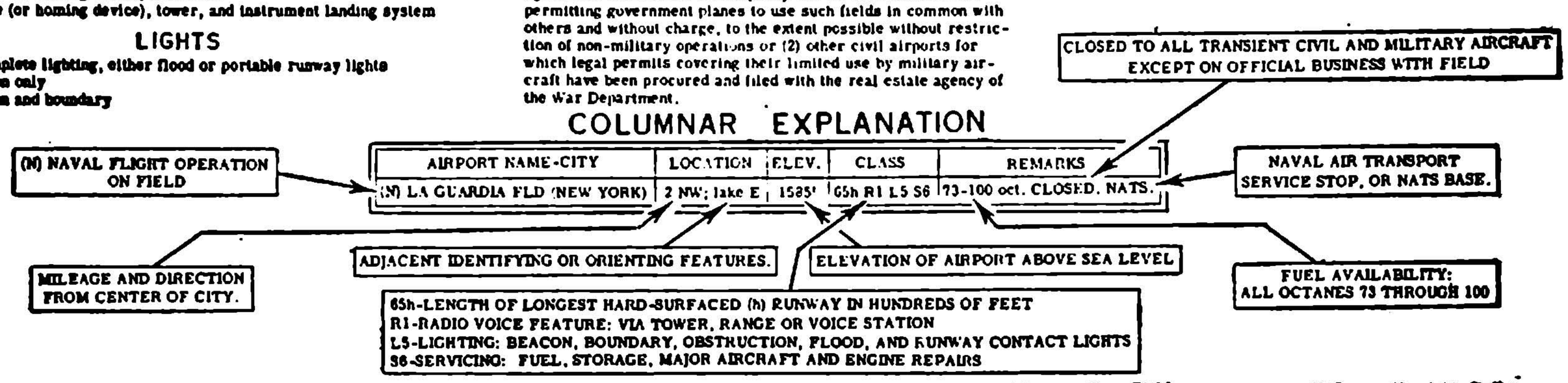
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an ag agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, L8-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, 5the 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct." indicates octane rating of fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE, NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE, CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than air	(N)	- Navy Field	NAS	- Naval Air Station
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAAF	- Naval Aux. Air Facility	NPG	- Naval Proving Grounds
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAAS	- Naval Aux. Air Station	OLF	- Outlying Field (Navy)
CGAS	- Coast Guard Air Station	MCGB	- Marine Corps Glider Base	NAF	- Naval Air Facility		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

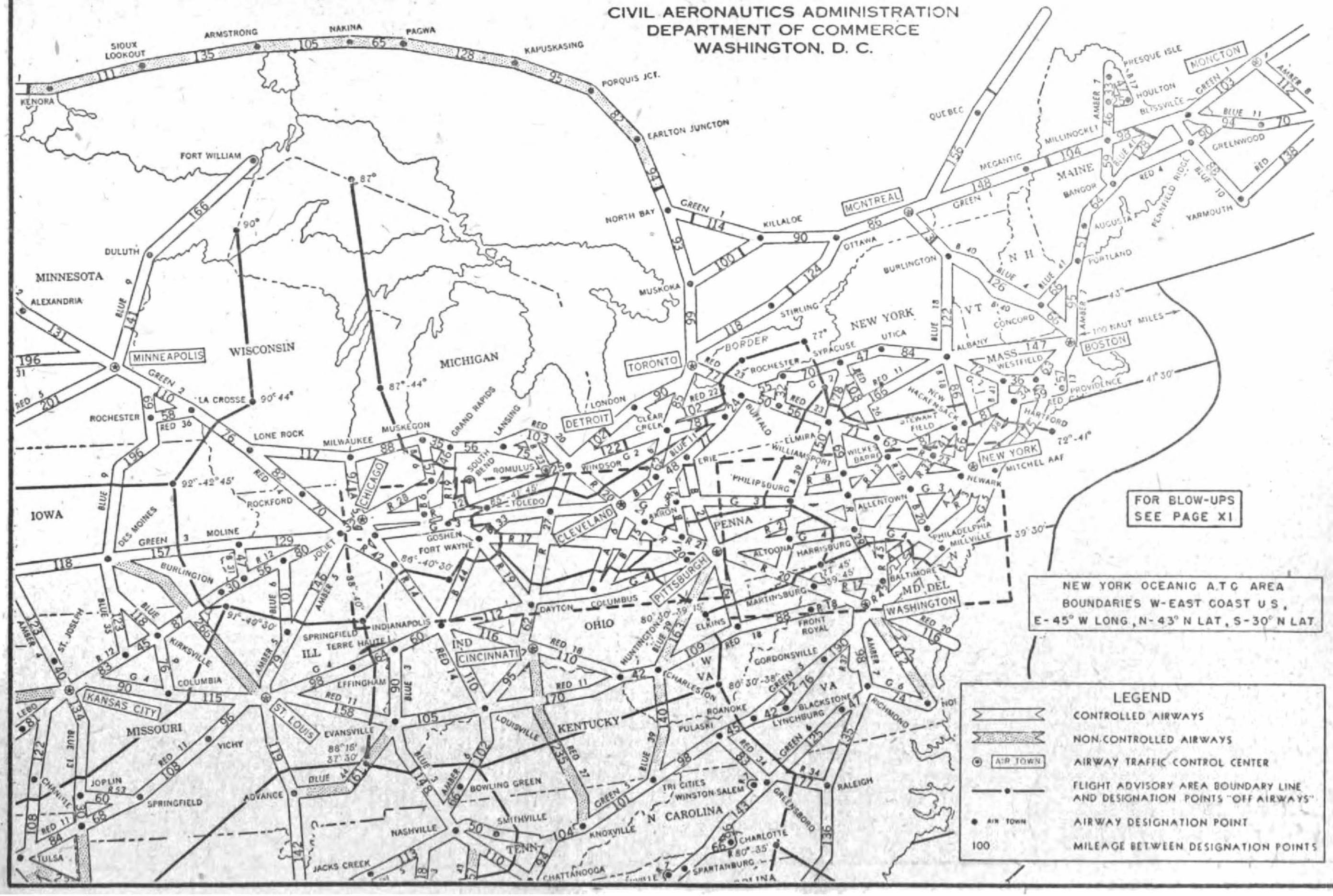
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

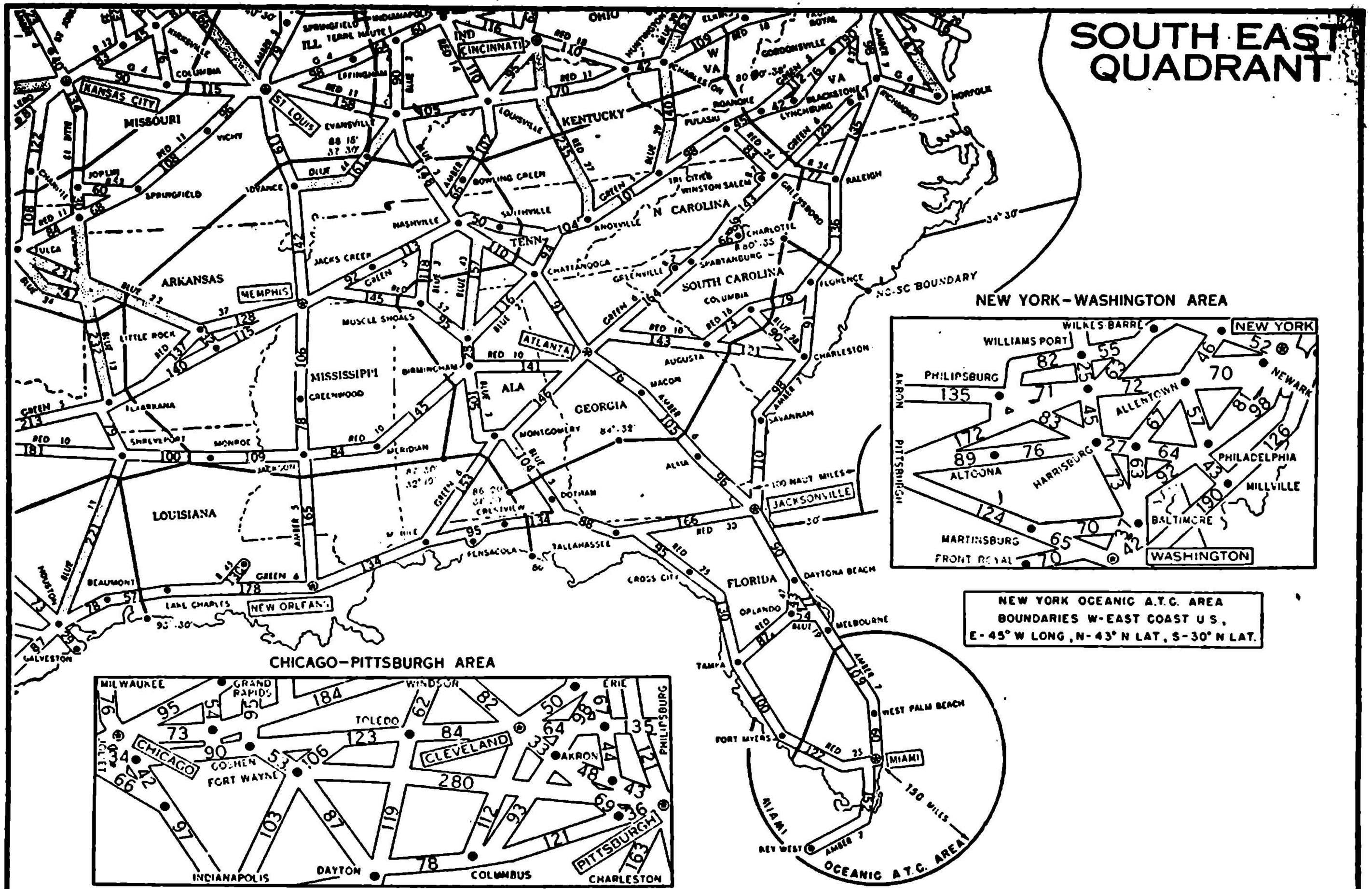
INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

DATE: FEB. 18, 1947

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



SOUTH EAST QUADRANT



NEW YORK–WASHINGTON AREA

NEW YORK OCEANIC A.T.C. AREA
BOUNDARIES W-EAST COAST U.S.,
E-45° W LONG, N-43° N LAT, S-30° N LAT.

CHICAGO–PITTSBURGH AREA

ARMY FLIGHT ADVISORY AREAS

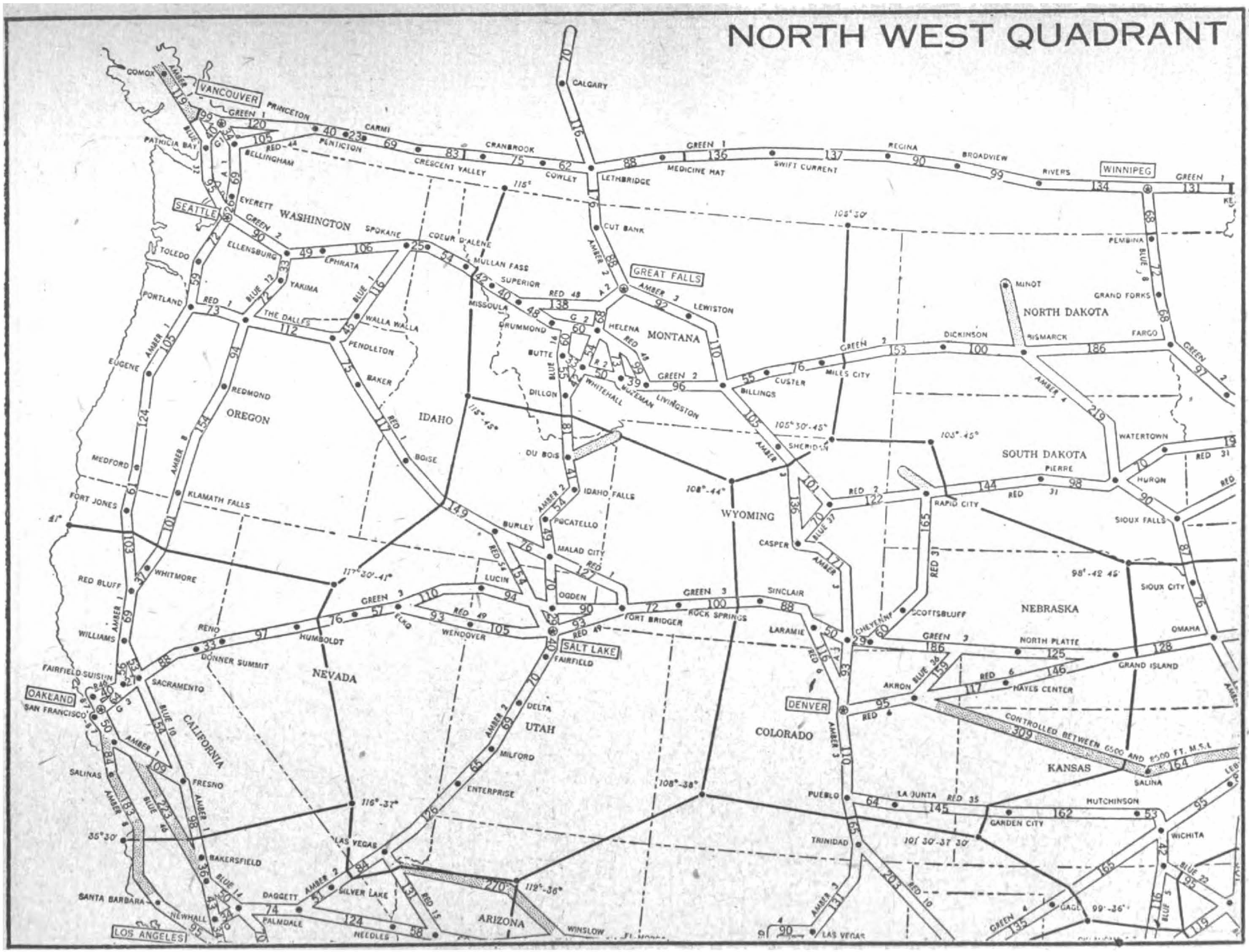
OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOURS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT LEVELS

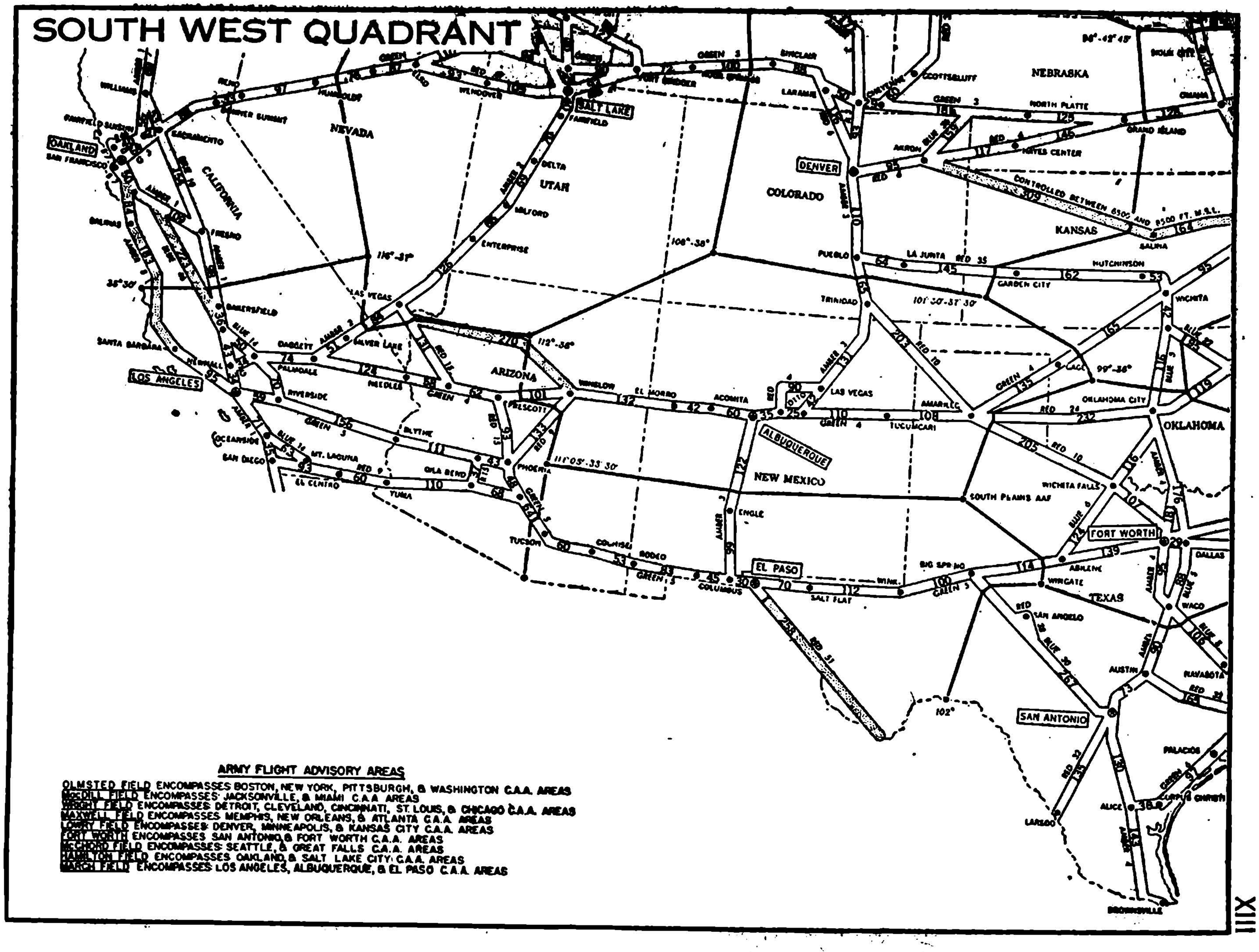
GREEN AND RED CIVIL AIRWAYS
EASTBOUND - ODD THOUSAND FOOT LEVELS
WESTBOUND - EVEN THOUSAND FOOT LEVELS
AMBER AND BLUE CIVIL AIRWAYS
NORTHBOUND - ODD THOUSAND FOOT LEVELS
SOUTHBOUND - EVEN THOUSAND FOOT LEVELS

NORTH WEST QUADRANT

XII



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MACDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST. LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO & FORT WORTH C.A.A. AREAS
MCCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT PLANNING CHARTS

LEGEND

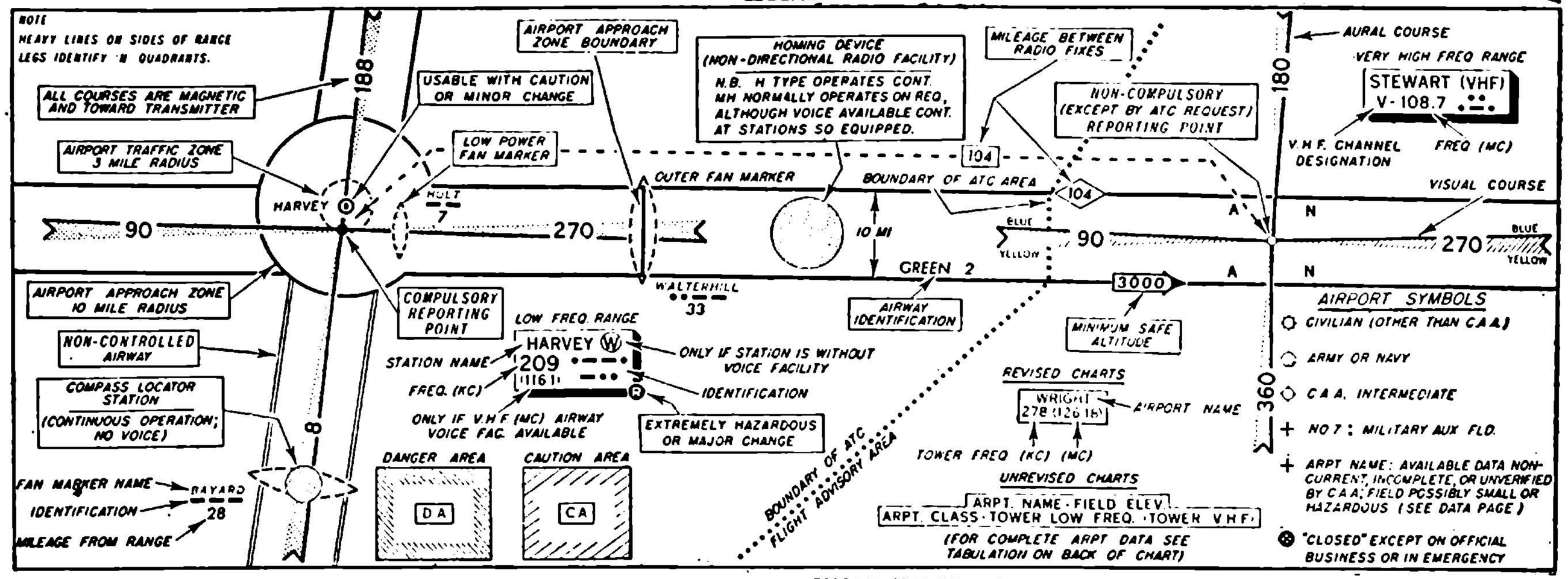


CHART CONTENTS

The Flight Planning Charts, in addition to the warning Ⓡ and caution Ⓞ symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

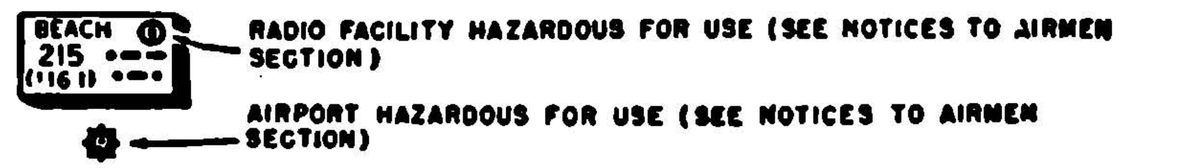
The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled Ⓡ or Ⓞ items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol Ⓡ for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol Ⓞ for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

RADIO

OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS)
➤LACENTER FM	(- - - -)	FM: 331°, 12	Portland
➤PORTLAND (AAB)	332 (PD)(116.1)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
➤REDMOND (Roberts)	368 (RG) (116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-1630)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

WASHINGTON

BELLINGHAM	209 JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385 (EB)(116.1)	SBMRAZ-DTV,270°,2	(4); 116.1
➤EVERETT (Paine)	224 (MI) (116.1)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3); 116.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA)(116.1)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPV. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
EUGENE (Mahlon Sweet),OREG(L6)	109.9 (W)	333.8	159°Mag.	IM-		MM- ·-·- (0.63)	OM- -- (4.5)
						MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
➤Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
➤ " (old) (NC)	7.8 N;hwy E	3350	44	Pole line W, NW. UNUSABLE
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9 SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A)Madras	2 NNW;RR SE	2420	74h	CLOSED.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 81) NC (not charted). ➤ NEW OR REVISED DATA

OREGON

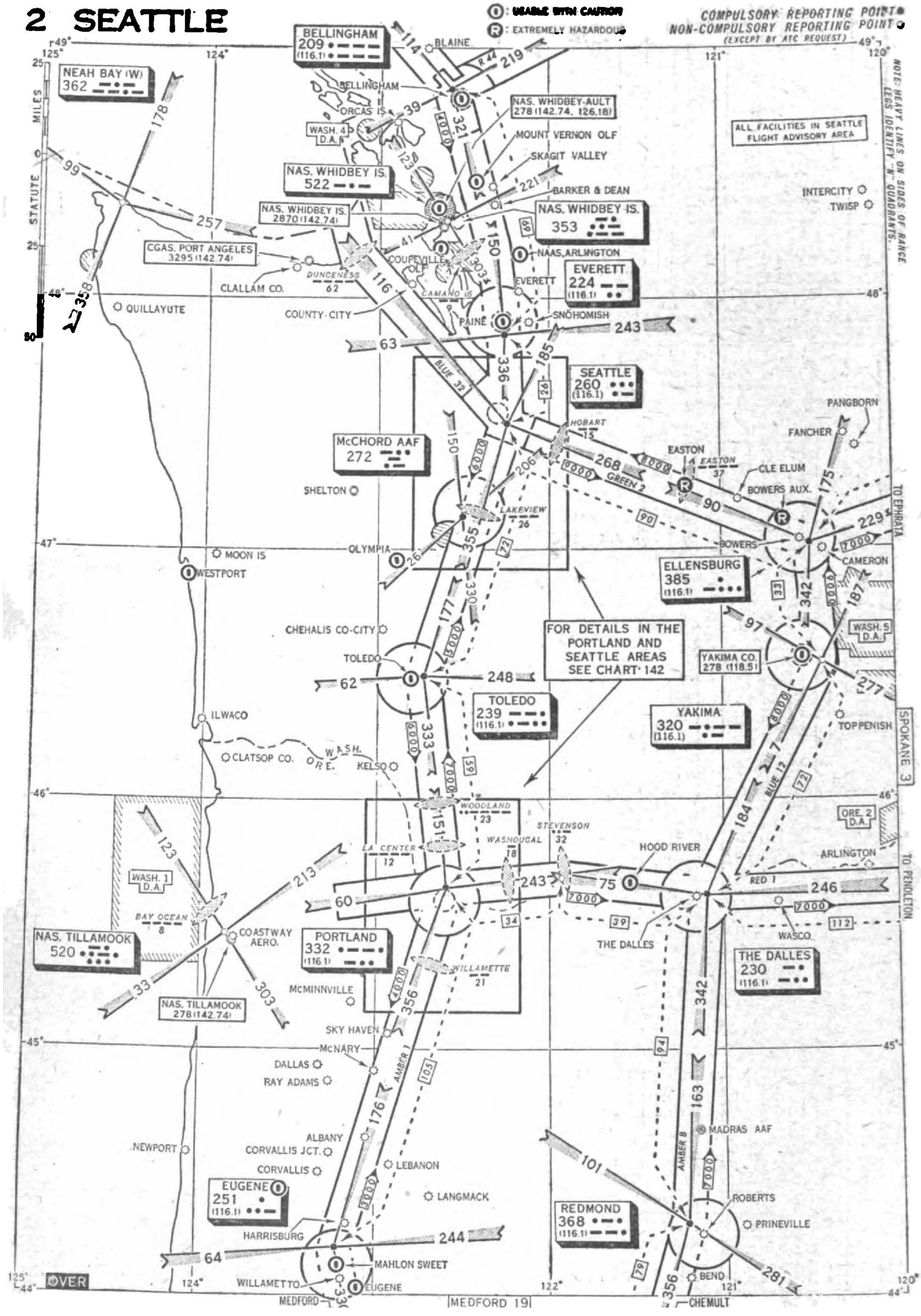
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
➤MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE,RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No bcn.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE,hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE,riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.

WASHINGTON

(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
➤Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	50h R1 L5 S6	80,91 oct. Clc lgts prior req.
➤Bowers Aux. (Ellensburg)	8.6 NNW			ABANDONED
Cameron (Kittitas)	0.5 N,RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
➤Clallam Co. (Port Angeles)	2.9 WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT OF ENTRY
(N)Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center HAZARDOUS.
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	8 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	12 S1	73, 91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW,riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	33 S6	80 oct. Poles,trees ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo Int, 63B, SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
➤YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.

NEW AIRPORTS

2 SEATTLE


O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
PORTLAND 332 (116.1)
ELLENSBURG 385 (116.1)
THE DALLES 230 (116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 142
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
NAAS, ARLINGTON
COUPEVILLE OLF
CAMANO IS
EVERETT
SNOHOMISH
PAINE
DUNGENESS 62
CLALLAM CO.
QUILLAYUTE
COUNTY-CITY
HOBART 15
EASTON
A EASTON 37
CLE ELUM
BOWERS AUX.
PANGBORN
FANCHER
BOWERS
CAMERON
SHELTON
LAKEVIEW 26
OLYMPIA
MOON IS
WESTPORT
CHEHALIS CO-CITY
TOLEDO
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
WOODLAND 23
LA CENTER 12
WASHOUGAL
STEVENSON 32
HOOD RIVER
ARLINGTON
WASH. 1 D.A.
BAY OCEAN 8
COASTWAY AERO.
WILLAMETTE 21
McMINNVILLE
SKY HAVEN
McNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
EUGENE
WILLAMETTO
MEDFORD
YAKIMA CO. 278 (118.5)
WASH. 5 D.A.
TOPPENISH
ORE. 2 D.A.
RED 1
WASCO
THE DALLES
MADRAS AAF
ROBERTS
PRINEVILLE
BEND
CHEMULT
SPOKANE 3
TO EPHRATA
TO PENDLETON
MILES
STATUTE
OVER
MEDFORD 19

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY # QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN No. 1
OKANOGAN LEGION
COLVILLE
NEWPORT
HAFER'S
SPOKANE 365 (116.3)
DEER PARK
COEUR D'ALENE 347
SANDPOINT
LIBBY
EUREKA
ANDERSON
CALKINS AIR TERMINAL
EPHRATA 269 (116.1)
CHELAN
DAVENPORT
FELTS 278 (118.9)
SPOKANE AAF 245 (126.1)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
WEEKS
LE MEN
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY. CLUB
MULLAN PASS 206 (116.1)
LIND
LA CROSSE
WASH. 5 D.A.
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
CONNELL
WASH. 8 D.A.
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
RICHLAND
NAS. PASCO
PROSSER
VISTA OLF
MARTIN
KAMIAH
TWIN CITY
WALLA WALLA AAF 396 126.1
SKY RANCH
WASH.
ORE.
IDAHO CO.
PENDLETON 278 (118.7)
OREGON SKY RANCH
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
On request
LA GRANDE 329
PENDLETON 341 (116.1)
LA GRANDE
PILOT ROCK
LA GRANDE
ORE. IDAHO
McCALL
BAKER 221 (116.1)
BAKER
WEISER
CASCADE
JOHN DAY
PAYETTE
PAYETTE
ONTARIO
BOISE 350

IDAHO MONT.
WASH. IDAHO
MONT.
STATUTE MILES
GREAT FALLS SEATTLE
SEATTLE SALT LAKE CITY
TO THE DALLES
SEATTLE 2
ELKO 22

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347 (KO)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
➔ MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(116.1)	SBRAZ-VDT;116°,1.8	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
➔ LA GRANDE	329 (IU)	MHT	(4)
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
PENDLETON	341 (PO)(116.1)	SBRAZ-VDT	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4)122.5,126.18,118.7
WASHINGTON			
EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
➔ SPOKANE (Felts)	365 (SM)(116.1)	SBRAZ-DTV.	(3):116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-VDT	(4):116.1
➔ Walla Walla AAF	396(126.18)	CA :182°,3.8	(4):126.18

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
+ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark,USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
➔ Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	379	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted). ➔ NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
➔ Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.

WASHINGTON

Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	
➔ Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

[redacted]

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 3[illegible]4.7	(4)
[redacted]			
ALBERTON FM	(- - -)	FM, 276°, 14.8	Missoula
BELT FM	(- -)	FM, 86°, 21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-VDT, 316°, 0.8	(4);116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV, [illegible], 16.1	(4);116.1
CASCADE FM	(- - -)	FM, 202°, 19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT, 327°, 3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT, 167°, 2	(4)
DRUMMOND (Int.)	296 (DR)	SBMRAZ-DT, 185°, 1.5	(4)
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun, Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18, 122.5, 118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371 (HL)(116.1)	SBMRAZ-DTV, 252°, 1.9	(4);116.1, 122.1
Helena Airport	278(118.9)	C	(4);118.9, 122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT, 247°, 2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308 (MX)(116.1)	SBMRAZ-VDT, 120°, 15	(4); 116.1
STANFORD FM	(- - - -)	FM, 270°, 29	Lewistown
SUPERIOR (Int.)	254 (SP)	BMRLZ-DT, 275°, 0.1	(4)
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT, 183°, 2.3	(4)
WHITETAIL FM	(-)	FM, 352°, 15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE, WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois ,23,SL-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
← Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.
[redacted]				
Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
→ Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	25	Closed to Public
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3899	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3200	38 L4 S6	80 oct.All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S.Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S1	80 oct.
★ Int.10.HL-Twin Cities	2 E;RR N	4603	40 R1 L3	Poles S.
→ Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC) Closed to Public
(P) MISSOULA COUNTY	5.3 WNW;RR N	3199	71h R1 L5 S2	80,100 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct,No sto,30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
→ Schaeffer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.Closed to Public
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
→ Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	Closed to Public
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld.Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page 1X) (NC)-Not charted. → [illegible] OR REVISED DATA

6 GREAT FALLS

R EXTREMELY HAZARDOUS D : USABLE WITH CAUTION

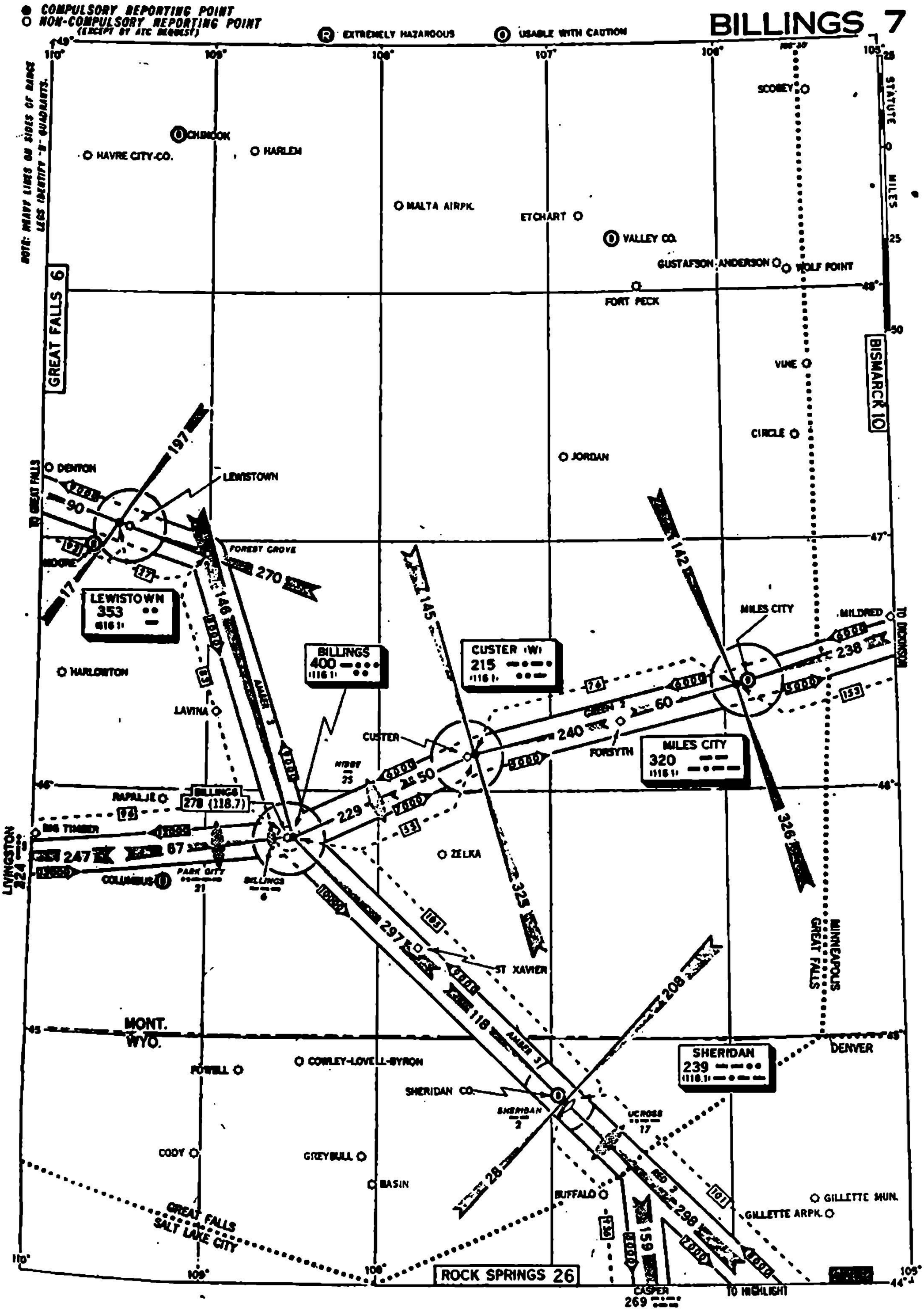
COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS

115° 114° 113° 112° 111° 110° 49° 48° 47° 46° 45° 44°

25 STATUTE MILES 0 25 50 60

QUARTER CIRCLE M C RANCH
CUT BANK 263
LETHBRIDGE
147
76
228
48
CUT BANK
TOOLE CO.
CHESTER
FLATHEAD CO.
KALISPELL
VALIER
AMBER 2
309
6000
CONRAD
88
130
10000
197
CHOTEAU
FORT BENTON
GREAT FALLS MUN. 278(118.7,126.18)
GERALDINE
TANNER
GREAT FALLS 317
GREAT FALLS AAF 219(126.18)
TO MULLAN PASS
PLAINS
POLSON
185
154
MISSOULA 308 (116.1)
SUPERIOR
MISSOULA CO.
CASCADE 20
STANFORD 29
BELT 22
266
90
A 3
A 2
166
34
92
95
ALBERTON 15
275
11000
96
107
12000
RED 48
185
22
CRAIO
GEYSER
40
SUPERIOR 254
276
90
HELENA 371 (116.1)
HELENA 278 118.9
McDONALD PASS 18
HAILE
9000
48
CARRISON
252
G 2
72
WINSTON 15
56
WHITE SULPHUR SPRINGS
STEVENSVILLE
DRUMMOND
DRUMMOND 296
22
166
38
DEER LODGE
334
HAMILTON
99
5
BUTTE
HOMESTAKE 21
TOWNSEND
358
280
LIVINGSTON 224
SIXTEEN
RAINBOW
279
BUTTE 233 (116.1)
WHITETAIL 16
50
54
73
139
GREEN 2
133
RED 48
43
GALLATIN
95
33
256
77
247
96
7000
RED 2
WHITEHALL
42
53
333
DILLON 379
WHITEHALL 284
SHERIDAN
TWIN BRIDGES
185
A 2
3
13000
67
11000
247
LIVINGSTON
29
LIVINGSTON
SPOKANE 3
MONT.
IDAHO
77
257
BOZEMAN 329 (116.1)
319
313
GARDINER
MONT.
WYO
SALMON
DILLON
GREAT FALLS
SALT LAKE CITY
329
81
DELL
152
AMBER 2
FLYING "R"
WEST YELLOWSTONE
CHALLIS
DUBOIS 388
DUBOIS
IDAHO
WYO.
73
253
332
OVER
SALT LAKE CITY 23
IDAHO FALLS
TO BILLINGS


● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
BILLINGS 7
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
STATUTE MILES
GREAT FALLS 6
BISMARCK 10
CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
SCOBEY
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
353
FORBES
90
197
17
GREAT FALLS
FOREST GROVE
270
146
145
142
MOORE
LEWISTOWN
HARLOWTON
BILLINGS
400
CUSTER (W)
215
MILES CITY
MILDRED
238
LAVINA
CUSTER
FORSYTH
MILES CITY
320
60
240
50
RAPELJE
BILLINGS
278 (118.7)
229
BIG TIMBER
247
67
ZELKA
LIVINGSTON
224
COLUMBUS
PARK CITY
21
BILLINGS
325
297
ST XAVIER
208
MINNEAPOLIS
GREAT FALLS
MONT.
WYO.
COWLEY-LOVELL-BYRON
POWELL
SHERIDAN CO.
SHERIDAN
2
SHERIDAN
239
118
BASIN
GREYBULL
CODY
BUFFALO
UCROSS
17
28
298
159
GILLETTE MUN.
GILLETTE ARPK.
GREAT FALLS
SALT LAKE CITY
ROCK SPRINGS 26
CASPER
269
TO HIGHLIGHT
DENVER

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-VDTX	(3);116.1
Billings Airport	278 (118.7)	C(ILS);247°, 1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-VDT,90°,2,9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-VDT,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.84);116.1	
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS, MONT.	110.3 (W)	335	253° Mag.	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. ← Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P)BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P)Bones Bros.Ranch (Birney)(NC)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P)Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P)Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P)Harlowton	2 WNW,riv S	4400	29 S2	73 oct.
(P)Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P)Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	
(P)LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.
(P)Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P)MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P)Rapelje	1 SE,RR N	4030	38	
Red Lodge (NC)	0.5 WNW	5600	29	ROUGH. Road N.
Roundup (NC)	1.9 N,hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P)Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P)Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P)Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)(NC)	2 W,hwy N	3002	18	
WYOMING				
Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P)Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P)Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P)Powell	8 NNW	5054	42 S2	73 oct.
(P)SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
Moore (Mont.)	0.5 E,RR N	4100	20 S2	73 oct.
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). → New or revised data

[redacted] NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-VDT,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-VDT,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

→ PHILIP			DECOMMISSIONED
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-VDT	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.6	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2290	35 S2	80 oct.Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct.Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct.No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1377	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
* Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
* Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 R1 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct.Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct.Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct.Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct.Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct.No bcn.Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct.Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct.Poleline N,NW.
* Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct.Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct.Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct.Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct.Data unver.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct.Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct.Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 L3 S6	80 oct.No sto.Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3216	83h R2 L5 S4	73,91,100 oct.JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N.Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data.

10 BISMARCK

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMMON REPORTING POINT
NON-COMMON REPORTING POINT

105° 104° 103° 102° 101° 100°
49° 48° 47° 46° 45°

CROSBY O
PORTAL
PLENTYWOOD O
MORAIL O
TOWNER O
RUGBY O
PORT O'MINOT
MINOT 209
WRIGHT
CHANDLER
WILLISTON
PARSHALL O
MILLER O
SIDNEY 3
WATFORD CITY O
FARGO 11
ILO
WASHBURN O
GLENDIVE
DICKINSON 308 (116.1)
BISMARCK 230 (116.1)
GLEN ULLIN
BEACH
COLVA
WORTH
JUDSON 27
BINGOLL 39
MILES CITY 320
GREEN 2
BAKER O
RHAME O
BOWMAN O
WYMAN
DICKINSON
BISMARCK
NEW ENGLAND
HETTINGER
N.D.
S.D.
MONT.
BILLINGS 7
FARGO 11
MINNEAPOLIS
DENVER
MONT.
WYO.
BLACK HILLS
NEWELL O
RUSHMORE
GERONIMO
BALLEY
RAPID CITY 221 (116.1)
RAPID CITY AAB 396 (126.1)
PIERRE 347 (116.1)
PHILIP
CHEYENNE 27
HIGHLIGHT
HURON

◆ COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓘ: USABLE WITH CAUTION

FARGO 11

ROLLA
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MAYNEY
JAMESTOWN
DAWSON
BISMARCK
ASHLEY
EUREKA
LEBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
MORRIS
APPLETON
BENSON
WADENA
ALEXANDRIA
BIEDENFELT
MILLER
WATERTOWN
HOFER-KANNEGIETER
CARTHAGE
MADISON
FLANDREAU
BROOKINGS
MARSHALL
MONTEVIDEO
MADISON
REDWOOD FALLS
WESTBROOK
WILLMAR
PARK RAPIDS
DETROIT LAKES
CROOKSTON
TWIN RIVER FALLS
WAHPETON
GRAND FORKS
PEMBINA
LANGDON
WEST FARGO
VALLEY CITY
WHEATLAND
GREEN 2
GREEN 1
BARNESVILLE
N.D.
S.D.
MINN.
MINNEAPOLIS
STATUTE MILES
OMAHA 30
SIOUX FALLS
PIERRE
BISMARCK 10

PEMBINA 260
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
FARGO 388 (118.7)
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
HURON 353 (118.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
BISMARCK 230
PIERRE 347
SIOUX FALLS 245

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-VDT,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-VDT,357°,3.5	(4); 116.1
[redacted]			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-VDT	(3); 116.1
→ Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-VDT,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.

SOUTH DAKOTA

ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-VDT,256°,2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.
Appleton	1.9 NNE,riv S	1010	34 S2	80 oct.Poleline S,SE,SW
Benson	2.4 NW	1031	22	Poleline NW.
Crookston	3 NNW,RR N	875	30 S2	80 oct.Obst sur fld.
Detroit Lakes	2.7 W,RR N	1392	35 S2	80 oct.Rnwy data unver.
Fergus Falls	4.3 W,RR N	1160	23 S1	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W,RR NE	1167	35 S4	80 oct.
Montevideo	2.2 NNE,RR W	950	19 S2	80 oct.Poleline W,NW
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W. unver.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.P-line E Rnwy data
Redwood Falls	1.8 NE,riv NE	1025	25 S2	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S1	80 oct.Poleline S,NW.
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.Poleline W.
Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.

NORTH DAKOTA

Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 R1 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91,100 oct. JP-1
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	73,80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	13 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct.Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct.Poleline N.Data unver.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
Britton Mun.(S.D.)	2 NNE,RR W	1350	24 S1	73 oct.Poles W.
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct Pwr line SE,NNE.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	321 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 116°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 236°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-VDT	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC 293°,3.6	(4):122.5;126.18,118.3,142.74

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.
WISCONSIN				
Anderson (Cocato)	2.6 ENE,RR S	1020	23 S2	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NWW, RR S	1385	57h S4	80, 91 oct. Rnwy data unverified.
Brainerd	1.3 SSE,hwy W	1210	22 S2	Ltd 73 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1150	52	Tank SE corner (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Polelines sur fld.
Cedar (Minneapolis)	8.5 S, RR W	811	28	
Coleraine	0.8 SSE	1390	25 S3	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1080	20 S1	80 oct. Pwr line W.
(N) Fleming OLF (South St. Paul)	1.8 S, riv E	822	15h	(N)
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	28 S1	80 oct. Poles SE, SW
Gervais (Tofte)	1.2 NE,hwy S	300	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	91 oct.
Kenyon	0.8 S,RR E	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 R1 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	20 S1	80 oct.Poleline SSW. Rolling.
Litchfield	1.2 NE,RR S	1140	24 S1	Ltd 80 oct. Trees W.
Littlefork	1.8 WNW,riv E	1153	19 S1	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	998	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	30 S1	80 oct. Poleline E.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	16 S1	80 oct.Poles S,SE; trees SW.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	870	17 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E	704	55h L4	
St. Peter	2.4 NNW,riv E	900	23	Poleline S.
Solis Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W,RR S	950	23 S4	80 oct. No sto.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	950	35 S6	80 oct.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S2	75 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S.	1428	57h R1 L1 S6	80,91 oct. Closed nghts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis) NAS	6.5 SSE,hwy S	834	59h R2 L4 S6	87-100 oct. JP-1. Rdo rec required. No sto. Ltd maint fac.
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W.
WISCONSIN				
Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	32 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	955	25 S1	80 oct.
Marshfield	2.5 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1030	21 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30 S2	80,91 oct.Pole line W, S.
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80 oct. Data not verified.
Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	
MINNESOTA				
Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.

h-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC-(not charted). —► NEW OR REVISED DATA.

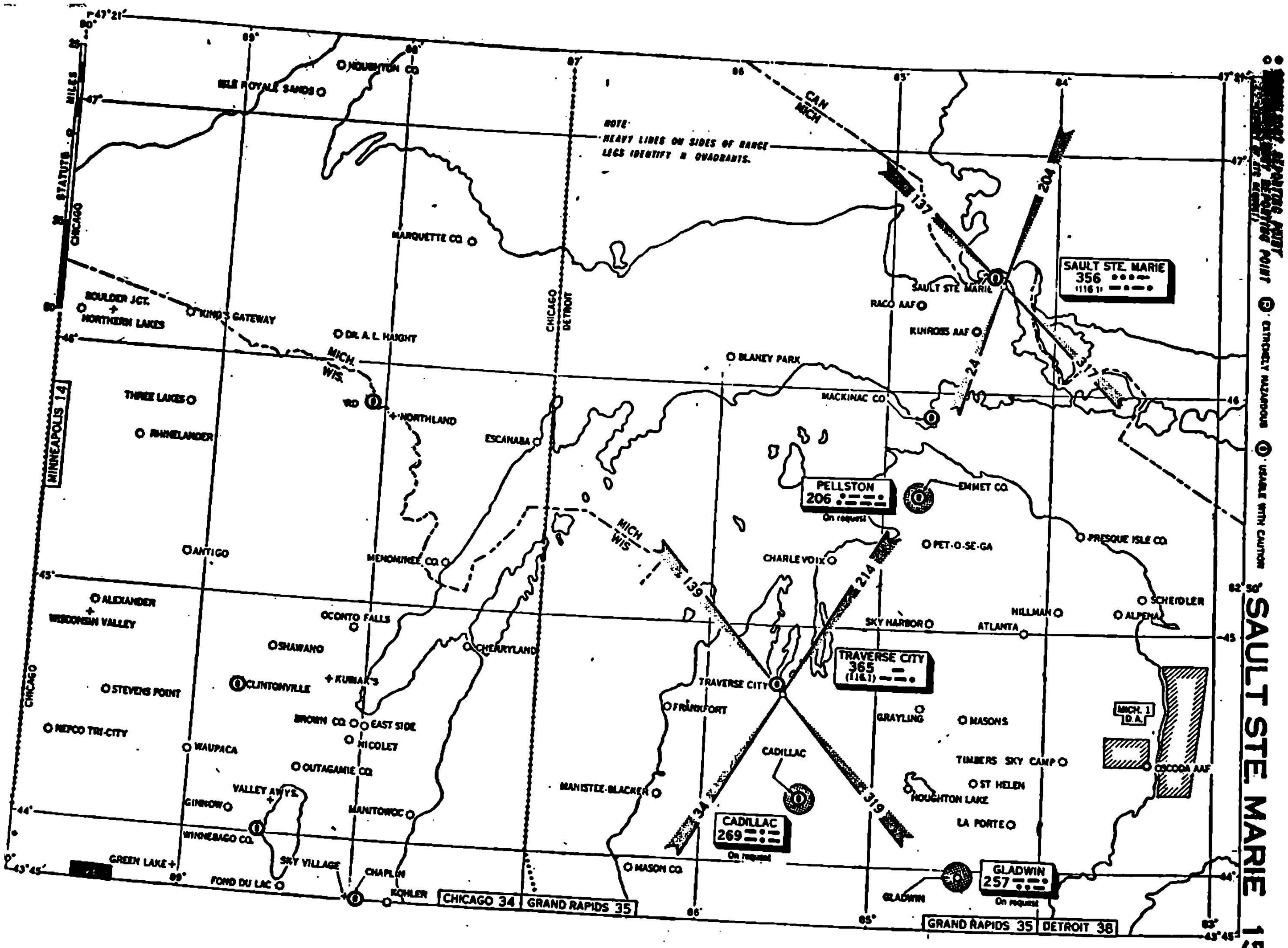
14 MINNEAPOLIS

R: EXTREMELY HAZARDOUS C: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(ACCEPT BY ATC)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
CAN. MINN.
LITTLE FORK
ELY
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
WILLIAMSON-JOHNSON
DULUTH 221
RICHARD BONG
WYMAN
ASHLAND
GOGEBIC CO.
HETTINGER
BRAINERD
CAMP RIPLEY
HAYWARD
SPOONER
PRICE LAKE
PHILLIPS
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
RICE LAKE
ARROWHEAD
RUSK CO.
MONTICELLO
ANOKA
VICTORY
TAYLOR FALLS
ASHERY
U. OF MINN.
MINNEAPOLIS 266 (116.9)
CHETEK
DALLAS
PINES
TAYLOR CO.
LITCHFIELD
ANDERSON
OSCEO
HAMEL
NORTHPORT
HUDSON
BOTCEVILLE
WILLMAR 254
ROBBINSDALE
ST. PAUL
FLEMING OLF
VETERANS
CHIPPEWA FALLS
EAU CLAIRE MUN.
COLBY-ABBOTSFORD
WOLD-CHAMBERLAIN 279 (118.3, 126.1)
FLYING CLOUD
RASTINGS
EAU CLAIRE
HECTOR
JORDAN
LAKE CITY
SCHLOSSER
MARSHFIELD
SIOUX FALLS 245
CEDAR
RED WING
NEILLSVILLE
LE SUEUR
CARLETON
ST. PETER
NEW ULM
FARIBAULT
KENTON
ROCHESTER 236
JACKSON CO.
MANKATO
WASECA
OWATONNA
WINONA
LA CROSSE 371
PLEASANT CORNERS
DES MOINES 31
MISC. 2 D.A.
FARGO 11
ST. CLOUD 13
ST. STE. MARIE 15


SAULT STE. MARIE 15
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.
STATUTE MILES
CHICAGO
MINNEAPOLIS 14
ISLE ROYALE SANDS
HOUGHTON CO
MARQUETTE CO
BOULDER JCT.
NORTHERN LAKES
KING'S GATEWAY
DR. A. L. HAIGHT
MICH.
WIS.
THREE LAKES
RHINELANDER
NORTHLAND
ESCANABA
BLANEY PARK
MACKINAC CO
SAULT STE. MARIE
RACO AAF
KINROSS AAF
CAN
MICH
137
204
24
SAULT STE. MARIE
356
(116.1)
PELLSTON
206
On request
EMMET CO
PET-O-SE-GA
PRESQUE ISLE CO
CHARLEVOIX
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
SHAWANO
CHERRYLAND
SKY HARBOR
ATLANTA
HILLMAN
SCHEIDLER
ALPENA
CLINTONVILLE
KURTZ'S
STEVENS POINT
NEPCO TRI-CITY
BROWN CO
EAST SIDE
NICOLET
WAUPACA
OUTAGAMIE CO
VALLEY AVE.
GILLSON
MANITOWOC
WINNEBAGO CO.
GREEN LAKE
SKY VILLAGE
FOND DU LAC
CHAPLIN
KOHLER
MASON CO
MANISTEE-BLACKER
TRAVERSE CITY
365
(116.1)
FRANKFORT
GRAYLING
MASONS
TIMBERS SKY CAMP
ST HELEN
HOUGHTON LAKE
LA PORTE
MICH. 1 D.A.
OSCODA AAF
CADILLAC
269
On request
GLADWIN
257
On request
GLADWIN
139
214
34
319
CHICAGO 34
GRAND RAPIDS 35
GRAND RAPIDS 35
DETROIT 38
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
47°21'
47°
46°
45°
44°
43°45'
90°
89°
88°
87°
86°
85°
84°
83°
82°58'

RADIO — MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ CADILLAC (Int.)	269(KK)	MHT.	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	206 (PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	356 (VC)(116.1)	SBMRAZ-VDT,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-VDT,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	0.3 ENE,lake E	1390	34 S4	80 oct. Trees, bldgs W.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct.Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct.Radio twr W.N. lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 R1 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. fl-radio facilities. L-lighting facilities. S-servicing. (See page 18) NC (not charted). → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co.(Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct.All lgts prior req.ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.Pole lines N, SW.
(P) Schoolcraft Co.(Manistique)	3.3 ENE.lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct.Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct.Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct.Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct.No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O'Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22	Pole line NE.
(P) Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	800	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct.P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct.Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
Wisconsin Valley Inc.(Wausau)	7 S		34 S2	83 oct.Data unver. Rnwy data unver.
Kubiak's (Pulaski,Wisc)	1.2 E	781	26 S4	Data unver.
(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	90 oct. Data unver.

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-VDT;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-VDT;172°,2.1	(4)·116.1
DOW (Bangor)	278 (126.18)+	CA (ILS)	(3),126.18
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-VDT;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
➔ Presque Isle AAF	278 (126.18) +	AC(ILS);189°,3.4	(4),388.365;116.1,126.18,140.1
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4) 122.5,118.7
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-VDT	(3); 116.1
➔ Burlington Airport	278(126.18)	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BANGOR, ME. (Dow) (L6)	109.9 (W)		150°Mag.	IM- ·····(0.06)	MM- ·-·-(0.89)	OM- --(4.80)
					MMK-	OMK-
➔ PRESQUE ISLE AAF, ME.	109.9 (W)		10°Mag.	IM- ·····(0.05)	MM- ·-·-(1.00)	OM- --(5.00)
					MMK- 201 (1.00)	OMK- 219 (5.00)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

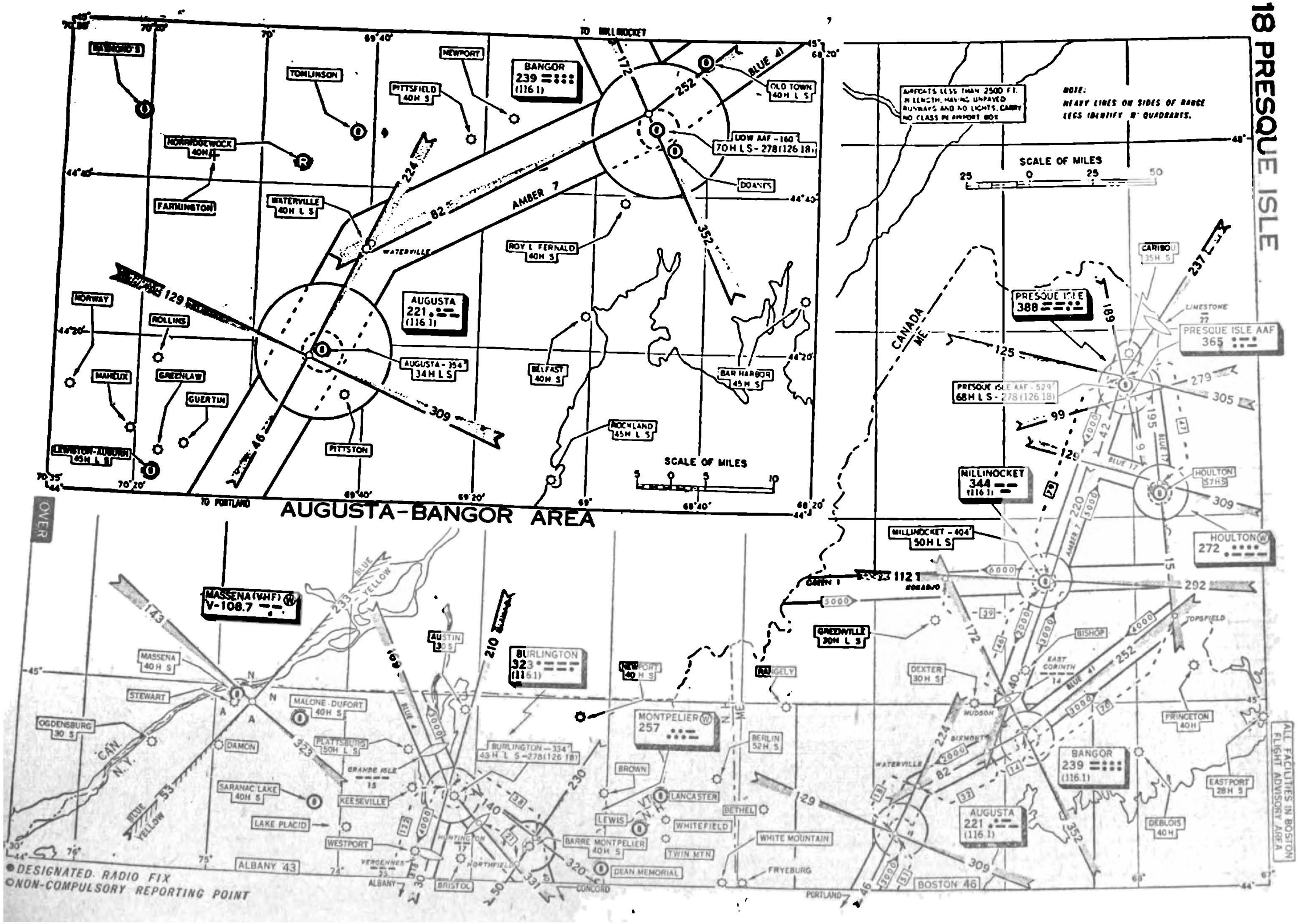
MAINE

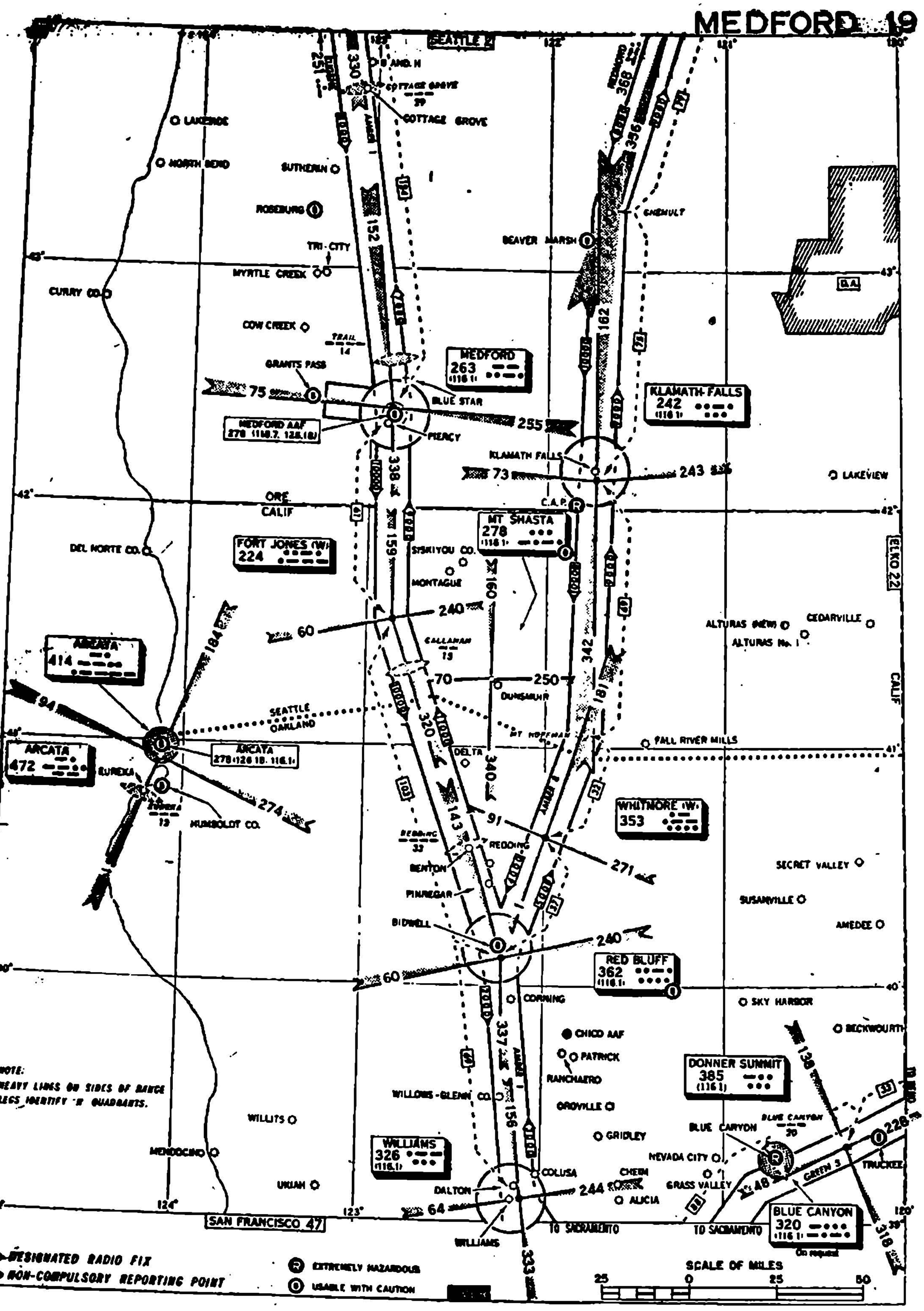
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
➔ HOULTON	2.5 E	493	57h L3 S6	80 oct. Lgts prior req.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S6	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). ➔ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
➔ Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
➔ Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	21 S1	80 oct. Trees N,NW. Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W		20 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	640	23 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
Wheeler-Sack(Great Bend)	1 NNW,riv S			ABANDONED
VERMONT				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	45h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.


AUGUSTA-BANGOR AREA
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
MILLINOCKET 344 (116.1)
HOULTON 272
MASSENA (VHF) V-108.7
BURLINGTON 323 (116.1)
MONTPELIER 257
BOSTON 46
ALBANY 43
NEWPORT
TOMLINSON
PITTSFIELD 40H S
OLD TOWN 40H L S
LIMA AAF - 160° 70H L S - 278 (126.1R)
NORRIDGEWOCK 40H R
FARMINGTON
WATERVILLE 40H L S
DOANES
ROY L FERNALD 40H S
NORWAY
ROLLINS
MANCHUX
GREENLAW
GUERTIN
LEWISTON-AUDURN 40H L S
AUGUSTA - 354° 34H L S
PITTSTON
BELFAST 40H S
BAR HARBOR 45H S
ROCKLAND 45H L S
BLUE 41
AMBER 7
BLUE 17
CARIBOU 35H S
LIMESTONE
CANADA ME
PRESQUE ISLE AAF - 529° 68H L S - 278 (126.1R)
AIRCRAFT LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.
SCALE OF MILES
MILLINOCKET - 404° 50H L S
GREENVILLE 30H L S
DEXTER 30H S
EAST CORINTH 14
BISHOP
TOPSFIELD
HUDSON
BIXMONT
PRINCETON 40H
EASTPORT 28H S
DEBLOIS 40H
MASSENA 40H S
STEWART
MALONE-DUFORT 40H S
OGDENSBURG 30 S
PLATTSBURG 150H L S
DAMON
GRANBE ISLE 15
SARANAC LAKE 40H S
KEESEVILLE
LAKE PLACID
WESTPORT
AUSTIN 30 S
BURLINGTON - 334° 43 H L S - 278 (126.1R)
BROWN
LANCASTER
LEWIS
BARRE MONTPELIER 40H S
DEAN MEMORIAL
CONCORD
BERLIN 52H S
BETHEL
WHITEFIELD
TWIN MTN
WHITE MOUNTAIN
FRYEBURG
PORTLAND
HUNTINGTON
NORTHFIELD
BRISTOL
VERGENNES
ALBANY
CAN N.Y.
BLUE YELLOW
AMBER 7
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
OVER
TO PORTLAND
TO MILLINOCKET


SEATTLE 2
LAKEVIEW
NORTH BEND
SUTHERLIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
GRANTS PASS
COTTAGE GROVE
BEAVER MARSH
CHEMULT
MEDFORD 263
KLAMATH FALLS 242
BLUE STAR
PIERCY
MEDFORD AAF
KLAMATH FALLS
ORE.
CALIF
MT SHASTA 278
FORT JONES (W) 224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
ARCATA 414
ARCATA 472
EUREKA
HUMBOLDT CO.
SEATTLE
OAKLAND
ARCATA
DUNSMUIR
DELTA
FALL RIVER MILLS
WHITMORE (W.) 353
REDDING
BENTON
PINEGAR
BIDWELL
RED BLUFF 362
CORNING
SECRET VALLEY
SUSANVILLE
AMEDEE
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
SKY HARBOR
BECKWOURTH
CHICO AAF
PATRICK
RANCHARITO
DONNER SUMMIT 385
WILLOWS-GLENN CO.
ORDVILLE
GRIDLEY
BLUE CANYON
NEVADA CITY
GRASS VALLEY
ALICIA
COLUSA
DALTON
WILLIAMS 326
WILLITS
MENDOCINO
UKIAH
SAN FRANCISCO 47
TO SACRAMENTO
TRUCKEE
BLUE CANYON 320
SCALE OF MILES
25 0 25 50
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS); 4°, 3	(3) 116.1.126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
→ BIDWELL (Red Bluff)			DECOMMISSIONED
BLUE CANYON	320 (BC) (116.1)	MHVT	(4);116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- - -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-VDT	(4);116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-VDT, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-VDT,323°,2.5	(4); 116.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1)	SBMRAZ-VDT,244°, 2.2	(4); 116.1
[redacted]			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-VDT;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-VDT	(3); 116.1
→ Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ ARCATA, CALIF.	109.5 (W)	332.6	312° Mag.	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
* Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct. NATS (ferry)
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
→ Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	80	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	1 N,riv E	3300	26	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
→ Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
→ Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
→ Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
→ Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	No fuel. No sto.
[redacted]				
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S1	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4726	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAB	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS (ferry)
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.
OREGON				
B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.

ELKO

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Gowen)	350 (BE)	SBRAZ-DT, 110° 2.5	(3)
EAGLE FM	(- - - -)	FM, 301°, 11.5	Boise
GOWEN (Boise)	278(126.18) (118.3)	AC	(4);131.9,126.18,118.3 122.5
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise
NEVADA			
BATTLE MTN.	281(BP)(116.1)	BMRLZ-VDT, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-VDT, 200°, 0.8	(4), 116.1
→ FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-VDT 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-VDT 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno
NEW RADIO FACILITIES			
HUBBARD (Reno)	278	CI	(4) (Wed.Sat.Sun 6-19, other days 9-1630)

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker.(3)-3105, 4495, 6210 kcs.(4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A C S. transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS — IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE. NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	4.5 SSW	2857	77h R2 S1	80,91 oct.
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
→ Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (see page IX)(N.C)-not charted → NEW OR REVISED DATA

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip.35, SF-SL	4 SE,RR N	4521	73h R1 L3	
* Buffalo Valley Int, 32, SF-SL	15 W Battey	4684	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO	1.8 W,RR S	5066	62h R1 L5 S4	73, 91 oct.
* Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAS	6 SE,hwy S	3931	70h	INACTIVE
HUBBARD (Reno)	3.4 SE,RR N	4404	61h R2 L5 S4	80,91 oct.
* Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW (Fernley)
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts on prior req.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

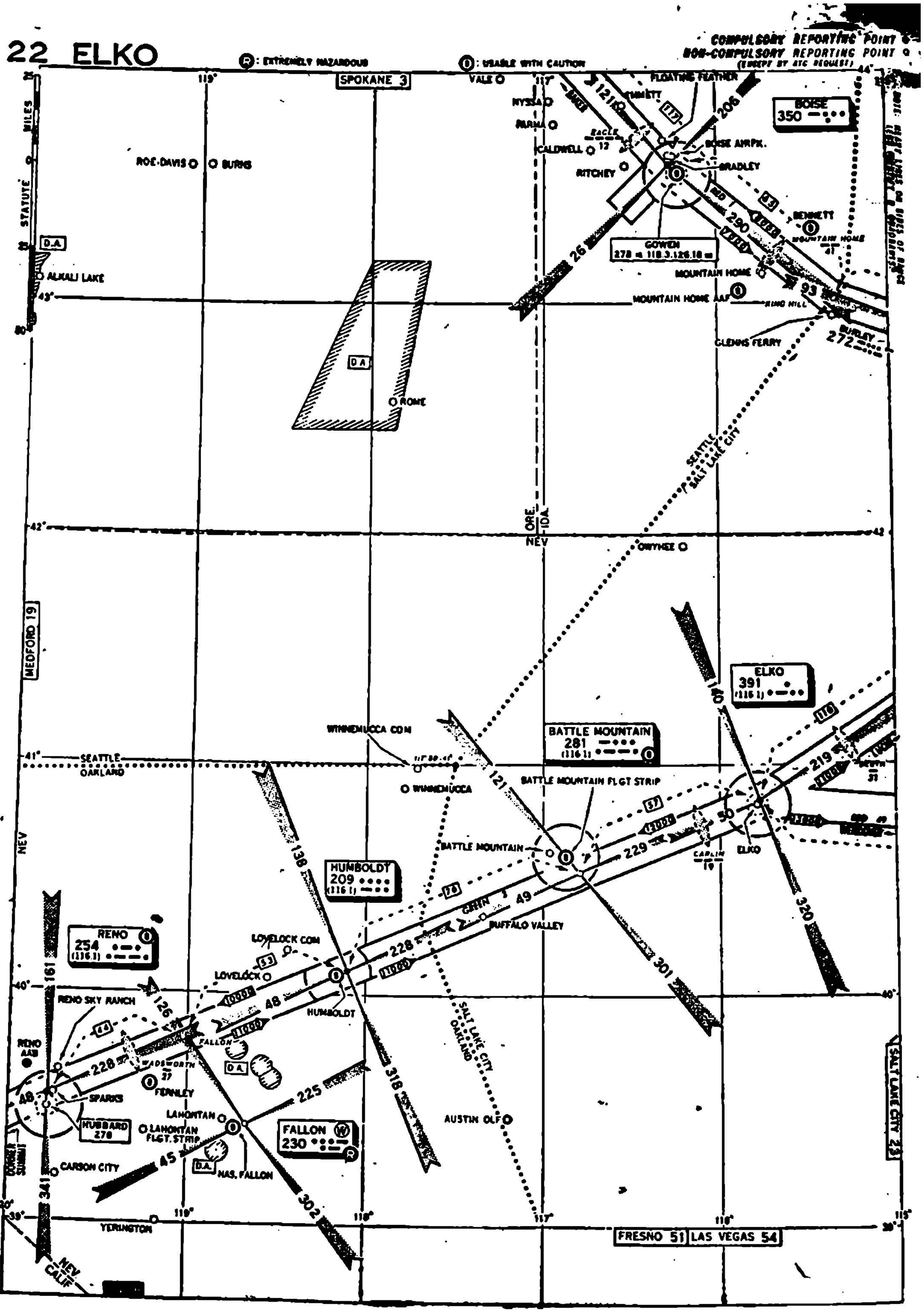
OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S1	80 oct. P-line NE.
NEW AIRPORTS				

22 ELKO

R: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)



SALT LAKE CITY 23

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(F) EXTREMELY HAZARDOUS (D) USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "L" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6

ELKO 22

10 LONG HILL

10 ELKO

10 MILFORD

10 ROCK SPRINGS

LAS VEGAS 54 | WINSLOW 55

STATUTE MILES

IDAHO-WYO.

NEV.-UTAH

IDAHO FALLS 359

BURLEY 272

POCATELLO 257

MALAD CITY VOR 314

LUCIN 302

STREVELL 335

OGDEN 263

FORT BRIDGER 382

WENDOVER 246

SALT LAKE CITY 227

FAIRFIELD 362

DELTA 212

ST ANTHONY
REXBURG
JACKSON
IDAHO FALLS
CAMAS CO.
ALBERT
FLYING BAR'S
GOODING (NEW)
JEROME
TWIN FALLS
BURLEY
POCATELLO AAF
ABERDEEN
HAYFIELD
UNIVERSITY
AMERICAN FALLS
AFTON
DAHOME
MALAD CITY
MONTPELIER
BEAR LAKE CO.
COKEVILLE
PRESTON
IDAHO NEV
LOGAN CACHE CO
HILL CREST
KEMMERER
BRIGHAM
HUNCKLEY 284 ac
EVANSTON (NEW)
OGDEN ARPK.
HILL AAF 396 ac 126.1 8 ac
PROMONTORY POINT
WENDOVER AAF 201 ac 126.1 8 ac
BOUNTIFUL
KNIGHT
EVANSTON
VENTOSA
LUCIN
LOW
GRANTSVILLE
SALT LAKE NO 2
MIDVALE
ALTA
SALT LAKE CITY NO 1 278 ac 118.3 ac
UTAH CENTRAL
KNOLLS
TOOELE
FAIRFIELD
DUGWAY AAF
PROVO
SPANISH FORK
NEPHI
MT PLEASANT
CARBON CO.
MANTI-EPHRAIM
DELTA
YELLAND
WELLS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
IDAHO			
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SBRAZ-DT;131°,3.4	(4)
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
STREVELL	335 (TV)	MH	(4)
UTAH			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-VDT, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (JL)(116.1)	BMRLZ-VDT,2°,4.4	(4); 116.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-VDP,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-VDT,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-VDTX	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 2.9	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE, UTAH	110.3 Ⓦ	335	343° Mag	IM-	MM- ·–· (0.71)	OM- – – (4.60)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4499, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
IDAHO				
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
→ Bear Lake Co. (Paris)	3,3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding (new)	3.5 WSW,hwy N	3730	49h L5 S4	81 oct.
Gooding (old)	4 SSW	3570	20	
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3 S1	73 oct.
→ Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE
(P) POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
NEVADA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
UTAH				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	02,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4380	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	73 oct.Fld lgts prior req.
(P) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91 oct.Rdo rec req.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.
WYOMING				
Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
* Knight Int,6,SL-OH	5 S,riv NNE	7615	47 L3	
UTAH				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
→ Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct.Pwrline W. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted). → NEW OR REVISED DATA

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-VDT	4495,3117.5,116.1 ,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-VDT (ILS)	3105,4495,3117.5:131.7, 116.1
WYOMING			
→ CASPER(Wardwell)	269(CW)(116.1)	SBRAZ-DTV;256°,2	(4); 116.1
→ CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	SHVT	(4) :116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1)	SBMRAZ-VDT 137°, 2.2	(4):116.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-VDT, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-VDT, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM: 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRAND JUNC.,COL. (Walker)	110.3	335	110° Mag.	IM-	MM- ·—·— (0.69)	OM- — — (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2 VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ▲ - Army A.C.S. transmits on and guards 116.1, 137.89, 140.58 mcs

AIRPORTS — COLORADO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,F.
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page 12) (NC)-not Charted. → NEW OR REVISED DATA

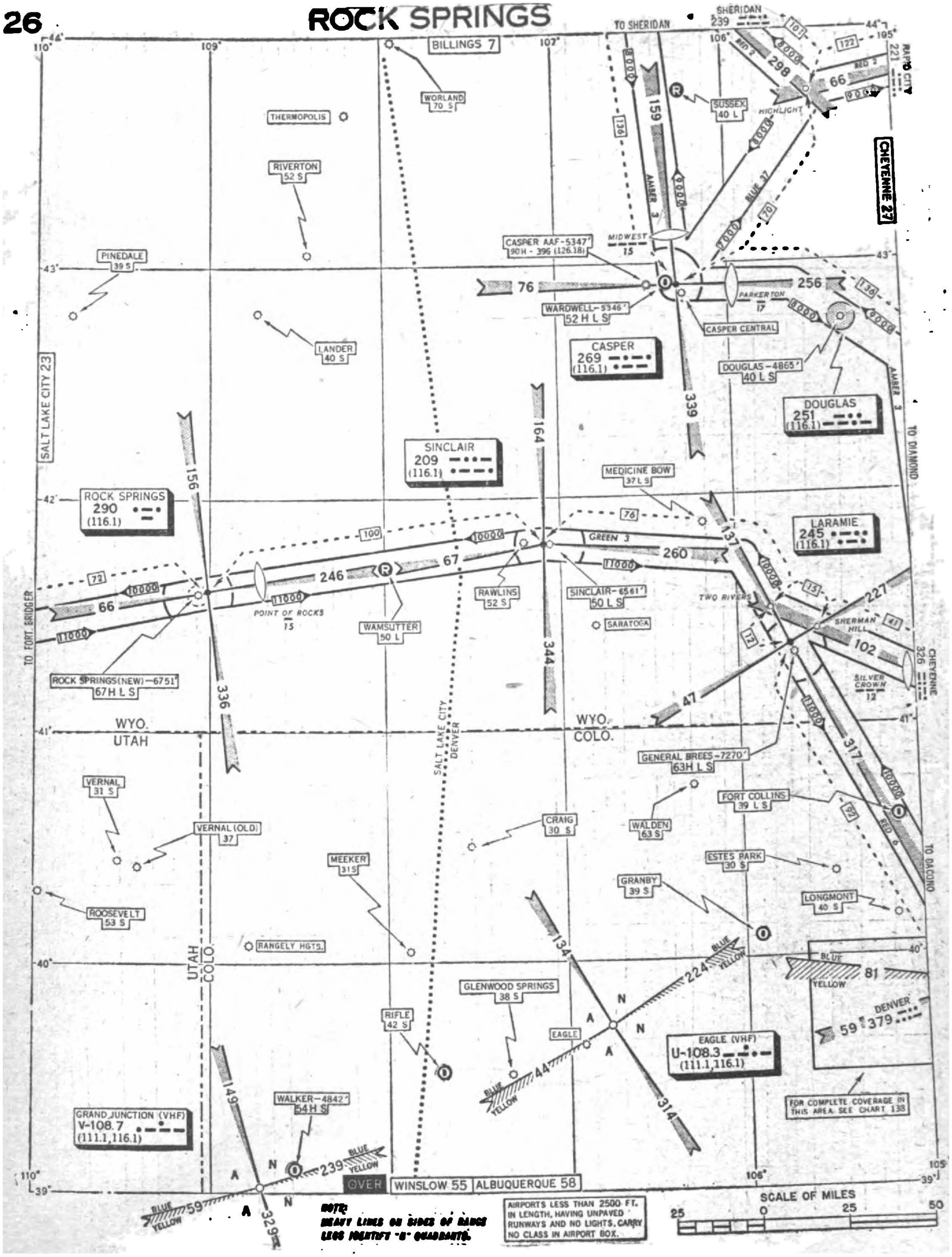
AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 N;TV;hwy SW	5347	90h R1	
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.

NEW AIRPORTS

Casper Central → (Casper,Wyo.)	3 NE;RR S	5100	28 S2	80 oct. Poles SE.
Saratoga Mun. (Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

ROCK SPRINGS



NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "A" QUADRANTS.

CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓓ: USABLE WITH CAUTION

BISMARCK 10

MINNEAPOLIS
DENVER

ROCK SPRINGS 28

TO HIGHLIGHT

TO CASPER

HOADLEY

MONDELL

BOURASSA

EDGEMONT

HOT SPRINGS

RAPID CITY 221

346

D.A.

PRESHO

STATUTE MILES

BENNETT CO

On request
CHADRON
206

CHADRON

GORDON MUN.

HAY SPRINGS

S.D.
NEB.

LUSK

CRAWFORD

FORT ROBINSON

SCOTTSBLUFF
341

WHEATLAND

EAST SIDE

LINGLE

TORRINGTON

ALLIANCE MUN.

ALLIANCE AAF

SENECA

OMAHA 30

MITCHELL

SCOTTSBLUFF

BAYARD

LARAMIE
245

CHEYENNE
270 m 118.3, 126.10 m

SIDNEY
314

IDLE ACRES

OSHKOSH

SIDNEY

CHAPPELL

BIG SPRINGS

OGALLALA

NORTH PLATTE
236

LEE BIRD

PAXTON

JULESBURG

GOTHENBURG

GRAND ISLAND
260

CHEYENNE
326

AKRON
368

SCHWARTZ - JOHNSON

LORENZO

FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 138

STERLING

CROSIER

DENVER
379

YOUNG

HOLYOKE

IMPERIAL

ALVIN

HAYES CENTER
400

HAYES CENTER

McCOOK AAF

McCOOK

AKRON

YUMA

WRAY

BENKELMAN

NEB.
KANS

ATWOOD

OBERLIN

LENORA

DENVER (VHF)
W-109.1

ANTON (VHF) (W)
V-108.7

RODERICK

ST FRANCIS

EDDIE HUTTON

COLBY

STAKE'S

FLAGLER

GOODLAND (VHF) (W)
U-108.3

GOODLAND (W)
353

MORLAND (VHF) (W)
W-109.1

FRANKTOWN

CALHAN

HUGO

ALBUQUERQUE 58 | AMARILLO 59

OVER

RADIO — COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
→ DENVER (Stapleton)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV;155°, 2.4	(3);131.7,116.1
DENVER (Stapleton Airfld)	109.1(DV)(111.1)	VAR-DTXV (9 NNE)	(3); 131.7
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.6	Denver
[illegible]			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
[illegible]			
→ BIG SPRINGS (Int.)			DECOMMISSIONED
CHADRON	206(HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.2	(4); 116.1
→ NORTH PLATTE (Lee Bird)	236(NQ)(116.1)	SBRAZ-DTV;352°,2.2	(4);116.1,122.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1
[illegible]			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1)	SBRAZ-DTV	(3); 116.1
Cheyenne Airport	278(126.18,118.3)	C; 76°, 0.9	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
→ Crosier (Greeley)	3.5 E;rd,riv S	4648	34	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4975	48 S1	73 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
→ Julesburg	2.8 SW; hwy W	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct. Poles S,SW.
[illegible]				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
[illegible]				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3330	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W. Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
SCOTTSBLUFF	3.3 E;hwy S	3945	82h R1	CLOSED.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE.
[illegible]				
(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
[illegible]				
(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L5 S6	80,91 oct. Poles W.
East Side (Wheatland)	0.7 E;RR W	4750	23 S4	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
(P) Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
(P) Young (Fort Morgan)(Colo)	6 N; hwy E	4460	52 S4	73 oct.
Lingle (Wyo.)	1.2 N;RR S	4200	30	Poleline SE

RADIO — IOWA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHVT	(4);116.1
CALIFORNIA FM	(- - - -)	FM, 353°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)(116.1)	SBMRLZ-DTV	(3);116.1
Sioux City Arpt.	396(126.18,118.3)	AC, 337°,1.9	(4)-126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City
KANSAS			
MARSHALL (Ft Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA, 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW,211°,6	
WALDO	108.7 (LQ)	VARW	
MISSOURI			
TARKIO	281 (TK)(116.1)	MHVT	(4);116.1
NEBRASKA			
GRAND ISLAND	260(GI)(116.1)	SBMRLZ-VDT	(4); 116.1
Grand Island AAF	278 (126.18)	CA(ILS)-165°,1.3	(3), 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-VDT, 170°,2.4	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
OMAHA	320 (OH)(116.1)	SBRAZ-DTV	(3);116.1
→ Omaha Airport	278 (126.18)	C(ILS) 146°,0.8	(4),126.18,122.5,118.5
→ OVERTON			DECOMMISSIONED
SOUTH DAKOTA			
SIOUX FALLS	245 (YL)(116.1)	SBRAZ-VDT, 230°, 2.2	(4);116.1
KEARNEY AAF, NEBR.	396(126.18)	CA	(4) 126.18 (8-1630)

INSTRUMENT LANDING SYSTEMS (localizer and G. P. in use. Compass Locator in ALL)

LOCATION	LOCAL. (ZFB)	A.F.	SITE ELEV.	RUNWAY	VISUAL & RELEASE RATES	RUNWAY	VISUAL & RELEASE RATES
→ OMAHA, NEB	110.3 (W)	335	1350 Mag.	VA- ..... (0.06)	MM-	OM-	-- (4.90)
→ GRAND ISL AAF, NEB	110.3 (W)	335	1490 Mag.	VA- (0.08)	MM- ..... (1.00)	OM-	-- (4.50)
				VA-	MM-	OM-	

S Simul Range and Voice W Without Voice Z VHF Range Station Location Marker (3) 3105 4495 6210 3117.5 kcs. Parenthesized Numbers in Frequency Column Indicate Unit Voice → Army ACS channels on and guards 125.1 127.65 140.59 mcs.

AIRPORTS — IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1.4 mi W
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct. Trees,poles E,W S.
→ Harlan	1.5 SSW,hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct 25' pole line S.
Liberty(Sutherland)	2.1 WSW,RR W	1465	23 S6	80 oct. 35' pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct Trees W
Missouri Valley	1.5 S,RR W	960	15 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct Poles NE

h-hard surfaced runways R radio facilities L lighting facilities S servicing (See page 19) NC (not charted) → [illegible]

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW.
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct.Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.,91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.
KANSAS				
Belleville	1.8 WSW,hwy S	1520	24 S2	75 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct.Data unver.;R NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	17 S1	80 oct. Poles N,RR S.
Hiawatha	1.3 WSW,RR E	1110	24 S1	80 oct. Pwr line N.
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct.Hi-lines N Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct. No ben.Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct.Poles sur fld.
Mankato	0.8 ESE,RR S	1700	22 S4	73 oct.
(A)Marshall (Ft Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct.Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	870	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S2	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2	80 oct Pole line N,NW
Wood Arpk (Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct.No sto.P-line W
MINNESOTA				
McDowell (Luverne)	8 NW,hwy W	1440	25 S4	80 oct.
Pipestone	1 SE,RR E,W	1735	20 S4	Ltd 80 oct.
Worthington	1.5 NNE		32 S6	80 oct Data unver
MISSOURI				
Craig	0.6 NE,RR SW	[illegible]	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.
NEBRASKA				
Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct.Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22	Trees S.Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	25 S6	80 oct P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	38h S4	80 oct.Twrs S,SW.Rnwy data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct.Windmill NW
+ Brainard Int,82,SL-OH	5.5 SW,hwy W	1040	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
(A)Bruning AAF (A)	7.7 E,RR N	1544	68h	CLOSED
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct.P-lines W,S.
Clay Center	1.5 E,hwy N	1800	26 S2	73 oct. N,E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct.Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SW
Crete	1 S,RR NE	1368	24 L3 32	73 oct.Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct.Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct Poles NE,Trees NW.
Elgin	0.8 SW,RR S	1930	16 S6	80 oct.Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct.Port rnwy lgts. P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
Falls City	2 SSW,riv N	950	14 S1	Ltd 80 oct,P-line N,W.
(P)Fremont	1.4 WNW,RRs NE	1203	38h S4	80 oct.Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2 L5 S2	73,100 oct. Twr SW.
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RR N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line S 80 oct. S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct.Pole NNW,SSW,
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E, bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct.Trees N,p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1 L5 S6	73,91,100 oct.No sto.;P-l
Lexington	1 W,RR S	2400	32 S5	Data unver.
Lincoln	5.5 NW,RR N	1150	71h R1 L5 S1	80,91 oct.Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct.Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohiowa	3 SW	1572	20	Fence sur fld.Data unver
OMAHA	3.5 NE,lake W	982	54h R2 L6 S6	73,80,91,100 oct.No contact lgts.
100th Meridian(Cozad)	0.8 SW,RR N	2450	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 L3	Bldgs,trees NW,poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct.Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver
(A)Scribner (AF)(A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct.Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct.All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct.P-line NW, req.
Waverly (Lincoln)	9 NE,RR SE	1100	20	Poles SE,SSW
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.
SOUTH DAKOTA				
Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct.Poles N,NW
Dell Rapids Mun	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct.Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct Pole line E,SE.
(A)Mitchell AAF (A)	4 N,hwy E	1352	67h	CLOSED
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct.Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct Data unver
Rickentarker(Stevens)	1 N,riv E	1114	28 S6	80,91 oct.
→ SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S6	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.5 NE,RR SW	2058	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1450	37 S6	80 oct. Twr E.
NEW AIRPORTS				
→ Hawks Brunin, Nebr.	4 Sh; hwy N	1500	26 S2	Fuel. Data unverified
Valley, Nebr	1.8 NW-RR NE	1052	23 S1	80 oct
(P) Skrdla (Stuart, Nebr.)	7.5 S	2090	30 S1	73 oct.
→ Republican City, (Nebr.)	0.5 NW RR S		30 S6	80,91 oct. Flares in emerg.

30 OMAHA

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

FARGO 11
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
MITCHELL
ANDERSON
HURON
PIPESTONE
DELL RAPIDS
MINNEAPOLIS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS 245 (116.1)
SIOUX FALLS
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
LIBERTY
WINNER
PLATTE
GREGORY
MINNEAPOLIS DENVER
S. DAK.
NEB.
WAGNER
YANKTON
VERMILLION
WESTERN UNION COL.
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY 396 (118.3, 126.18)
STORM LAKE
SIOUX CITY 335 (116.1)
AINSWORTH MUN.
SKRDLA
ATKINSON
KANSAS CITY DENVER
NICHOLSON
SLOAN
WAYNE
PENDER
OLIVER RANCH
DENISON
ELGIN
NORFOLK
EAGLETON
CALIFORNIA
DUNLAP
MANNING
WESTPOINT
MISSOURI VALLEY
BRIGGS
HARLAN
ATLANTIC MUN
ATLANTIC
SCRIBNER AAF
FREMONT
BLAIR
CLEAR RIDGE
OMAHA 320 (116.1)
ORD
BROKEN BOW
COLUMBUS
SCHUYLER
DAVID CITY
VALLEY
HANCOCK
On request
GRAND ISLAND 260 (116.1)
KEARNEY AAF (W) 536
COUNCIL BLUFFS
ATLANTIC 257 (116.1)
WESTON
BRAINARD
WAVERLY
OMAHA 278 (126.18)
GLENWOOD
RED OAK
100TH MERIDIAN
LEXINGTON
OVERTON
CENTRAL
KEARNEY AAF 396 (126.18)
KEARNEY
HASTINGS SKY RANCH
GRAND IS. AAF 278 (126.18)
LINCOLN 385 (116.1)
LINCOLN
UNION
ARROW
OFFUTT AAF 396 (126.18)
SHENANDOAH
CLARINDA
IOWA
MO.
HARVARD AAF
FAIRMONT AAF
CRETE
HOLDREDGE
CLAY CENTER
HASTINGS
OHIOWA
HAWKS
BRUNING
BEATRICE
TECUMSEH
AUBURN
TARKIO
On request
TARKIO 281 (116.1)
HEWETTS
HEBRON
FAIRBURY
REPUBLICAN CITY
NEB.
KANS.
FALLS CITY
SUMMERFIELD
BERN
NORTON
PHILLIPSBURG
SMITH CENTER
MANKATO
BELLEVILLE
MARSHALL AAF 215
SENECA
HIAWATHA
ST. JOSEPH 341
HAWK'S
WALDO (VHF)(W) V-108.7
DOWNS
MORITZ
BLOSSER
CLAY CENTER
WOOD AIRPARK
SALINA (VHF) U-108.3
SMOKY HILL AAF
MARSHALL AAF 396 (126.18)
TOPEKA (VHF)(W) W-109.1
LARKINBURG
KANS. 3 D.A.
MANHATTAN
PHILLIP BILLARD 278
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
LAWRENCE
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.
OVER
AMARILLO 59
WICHITA 62
TULSA 63
TO AKRON
TO DES MOINES
TO KANSAS CITY

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "B" QUADRANTS.

DES MOINES 31
MINNEAPOLIS 14
ROCHESTER 278 (118.7)
ROCHESTER 236 (116.1)
LA CROSSE 371 (116.1)
MASON CITY 227 (116.1)
LONE ROCK 278 (116.1)
DES MOINES 212 (116.1)
IOWA CITY 248 (116.1)
MOLINE 224 (116.1)
MOLINE 278 On request
BURLINGTON 326 (116.1)
KIRKSVILLE 391 (116.1)
COLUMBIA 379 (116.1)
NEW FLORENCE 385 (116.1)
ST LOUIS 209 (116.1)
ST. JOSEPH 341 (116.1)
CHILLICOTHE 242 (116.1)
KANSAS CITY 359 (116.1)
MARSHALL 281 (116.1) On request
ROSECRANS 278 (118.7 126.1)
FAIRFAX AAF 278 (118.9 126.1)
KANSAS CITY 278 (118.3 126.1)
DES MOINES 278 (118.3 126.1)

AMBOY, TRI-MONT, SHERBURN, FAIRMONT, BLUE EARTH, ALBERT LEA, DECKER, ARMSTRONG, ESTHERVILLE, RYAN, WESLEY, SQUEEZE, MINNEAPOLIS, KANSAS CITY, POCAHONTAS, CLARION, DOWS, ENO, SAC CITY, LAKE CITY, WEBSTER CITY, CARROLL, JEFFERSON, AMES, AUDUBON AWYS, ADAMSON AWYS, GUTHRIE CENTER, DODGE, ADAIR, STUART, BEAVER, DRESSLER, WINTERSET, MT. AYRPORT, LEON, LAMONI, EDWARDS, FORDYCE, SAVANNAH, DAVIESS CO., OSBORN, CAMERON, CHILLICOTHE, VAUGHN, LEAVENWORTH, LINKVILLE, EXCELSIOR SPRINGS, FISHER, DE SOTO, OLATHE, HERMAN AAP, INDEPENDENCE, HEART OF AMERICA, LEXINGTON, MARSHALL, NICHOLAS, BAILEY'S, BAILEY'S ARPK., MARCELINE MUN, CHARITON, NAS OTTUMWA, OTTUMWA MUN, VENTURE, SEYMOUR, CENTERVILLE, UNIONVILLE AWYS., KIRKSVILLE, KIRKSVILLE ARPK., FAYETTE, SLATER, BRADLEY, LURAY, KEOKUK, CARTHAGE, MACOMB, HI-WAY, MONMOUTH, BURLINGTON, FORT MADISON, MT. PLEASANT, QUINCY, +QUINCY (NEW), BEARDSTOWN, GALESBURG, HANNIBAL, MATANZAS+, ST. DAVID, NEGUS, JACKSONVILLE, SPRINGFIELD, CHESTERFIELD, BOWLING GREEN, GREEN, JEASEYVILLE, ST PETERS, SPANISH LAKE, TO ADVANCE, OVER, VICHY 7, TULSA 63, ST LOUIS 66, FOR DETAILS IN THE ST LOUIS AREA SEE CHART 142

IOWA / MO.
IOWA / ILL.
MINN. / IOWA
WIS. / ILL.
VIS / IOWA

LA CROSSE, IONIAH, CAMP WILLIAMS, CAMP McCOY AAF, SPARTA ANGELO, LONE ROCK, TO MADISON, RICHLAND CTR., TATRO FLY. SER., MINNEAPOLIS CHICAGO, CLERMONT, ELKADER, RED ROCK, DUBUQUE, SHULLSBURG, BELLEVUE, CLINTON, GRAND, CRAM, TO WALNUT, WIESE, MUSCATINE, COLUMBUS JUNCTION, WASHINGTON MUN, GOODRICH & GROSS, DYERSVILLE AWYS, INDEPENDENCE, CHAPMAN, CANFIELD, WATERLOO, IOWA FALLS, EMMETS, GRUNDY CENTER, CONRAD, TRAER, NIEDERHAUSER, MELBOURNE COM, MELBOURNE, NEWTON, N. EDERHAUSER AWYS, SAXON, McVILLE, HUNTER, CEDAR RAPIDS, IOWA CITY, PELLA, ROTH, MONTEZUMA, HENRY'S, WICKS, MOSHER, GREEN 1, GREEN 3, BLUE 9, BLUE 35, BLUE 6, BLUE 5, ROCKFORD 338, STATE MILES, TO WALNUT, CHICAGO 34 TERRE HAUTE 67, OMAHA 320, OMAHA 30, 179 MILES, 148 MILES, 359, 344, 183, 130, 169, 310, 232, 98, 78, 253, 269, 258, 85, 86, 265, 266, 278, 338, 354, 357, 174, 177, 188, 307, 241, 66, 52, 56, 77, 260, 350, 263, 236, 175, 30, 20, 27, 24, 26, 18, 16, 11, 22, 14, 21, 39, 40, 42, 43, 44, 45, 90, 93, 94, 95, 96, 97, 98, 99, 100, 101, 110, 113, 118, 130, 136, 142, 147, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189,

RADIO

ILLINOIS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS GUARD HRS. OF OPER. REMARKS
JERSEYVILLE FM	(-)	FM, 335°, 21	St. Louis, Mo.
MOLINE	224(MO)(116.1)	SBRAZ-VDT, 142°, 12	(4), 116.1
Moline Airport	278	ML, 86°, 2.3	3105 (on req)

IOWA

BURLINGTON	326 (BN)(116.1)	SBRAZ-DTV, 357°, 1.9	(4):116.1
DES MOINES	212 (DM)(116.1)	SBRAZ-VDT	(3), 116.1, 122.1
Des Moines Arpt.	278|126.18&118.3	C, 344°, 2	(4) 126.18, 122.5, 118.3
EARLHAM FM	(- - - -)	FM, 258°, 26.3	Des Moines
IOWA CITY	248 (DX)116.1)	BHTV	(4):116.1
LUCAS FM	(- - -)	FM, 164°, 27.2	Des Moines
MASON CITY	227(NM)116.1)	MHTV	(4):116.1 Oper. cont.
MONROE FM	(- -)	FM, 78°, 23.5	Des Moines
MONTEZUMA (Int)			DECOMMISSIONED
OTTUMWA NAS	272 (142.74)	CN	(3), 142.74

KANSAS

FAIRFAX (Kansas City)	278 (126.18) (118.9)	C	(4), 126.18, 122.5 118.9
SHERMAN (Ft. Leavenworth)	396 (126.18)+	CA	(3), 126.18 cont. except Sun. (23-7)

MINNESOTA

ROCHESTER	236(RR)(116.1)	BMRLZ-VDT	(3); 116.1
Rochester Airport	278(118.7)	C, 350°, 2.6	(4):126.18, 118.7, 122.5

MISSOURI

CHILLICOTHE (Int)	242(CK)(116.1)	MHTV	(4):116.1
EXCELSIOR SPRGS FM	(-)	FM, 52°, 27	Kansas City
KANSAS CITY	359(KC)(116.1)	SBRAZ-DTXV	(3), 116.1, 122.1
Kansas City Arpt.	278 (126.18) (118.3)	AC (ILS), 148°, 2.9	(4), 116.1, 122.5, 126.18, 118.3
KIRKSVILLE	391(KR)(116.1)	BMRLZ-DTV, 333°, 0.9	(4):116.1
LINKVILLE FM	(- - - -)	FM, 328°, 11.4	Kansas City
MARSHALL (Int)	281 (MH)(116.1)	MHTV	(4):116.1
ROSECRANS (St. Joseph)	278(126.18, 118.7)	C, 359°, 3.7	(4);126.18, 118.7, 122.5
ST JOSEPH (Rosecrans)	341(ZJ)(116.1)	SBMRLZ-DTV	(3):116.1

WISCONSIN

LA CROSSE (Int)	371(LE)(116.1)	SBRAZ-VDT, 127°, 1.8	(4), 116.1
LONE ROCK (Int.)	278(LK)(116.1)	BMLZ-VDT, 98°, 0	(4), 116.1

INSTRUMENT LANDING SYSTEMS

LOCATION	LOCALIZER FREQ.	CRS WDTH	BEAR.	GLIDE SLOPE ANGLE IN DEGS	MARKER BEACONS (FEET IN MILES)
KANSAS CITY, MO.	109.9 (W)	333.8	171° Mag	LM ····· (0.01)	LM — — (4.65) MKR 221 —·— (2.8) OMKR 247 —·— (11.0)

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers on Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

ARPT -CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Beardstown	1.5 SE, RR N,W		18 S2	80 oct. Data unverified
Carthage	1.5 SSW,RR E	665	19	Pole line NE, E.
* Chesterfield Int. 4, LS-CG	3 ENE,hwy N	612	26 L3	
→ Galesburg	1.7 NW; hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked
Hi-Way(Fiatt)	1.3 NW,RR E	665	20 S2	80 oct. 35° poleline S,E.
Jacksonville	3.9 S,hwy E	650	19 S4	80 oct. Trees SW.
Macomb	2.4 E,hwy E	695	25 S6	73,80 oct. No sto.
Matanzas(Havana)	4 S,riv W	460	24 S2	80 oct. Data not verif.
(P) MOLINE	4 S,hwy E	590	40h R1 L5 S6	73,80,91,100 oct. Poles NW
Monmouth	1.5 NNE,rd E	770	31 L1 S6	80 oct. Poleline E,W,S.
Negus(Alexander)	2.8 WNW,RR SE	645	22	PRIVATE.
(P) Quincy	2.8 SE,hwy E	650	26 S4	80 oct.
St. David	1.5 SW,RR N	628	22 S2	80 oct. 200' stack NE.

IOWA

Adair	1.5 SSE,RR NW	1350	18 S1	Ltd 73 oct. Trees S.
Adamson Airways	4.8 WSW,hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW,RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong	3.2 NW,hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Audubon Arwys	1 SSE,RR W	1300	15 S1	80 oct. (Audubon)
Beaver	3.4 NW	900	25 S6	80 oct. (Des Moines)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. s-servicing. (See page 18) NC-(not charted).
→ NEW OR REVISED DATA

ILLINOIS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellevue	3 N,RR W	652	19 S1	80 oct.
(P)BURLINGTON	1.7 SSW,hwy E	698	54h R1 L5 S6	80,91,100 oct.
Canfield(Waterlo)	3.5 NW,RR NE	800	32 S6	87 oct. Pole line N
Carroll	4.2 ESE,RR N	1196	34 S2	80 oct.
(P)Cedar Rapids	6.7 SSW,RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW, RR N	1017	25 S2	80 oct. Use strips only
Chapman(Waterlo)	5 E,RR NW	870	33 S6	80 oct. Poleline S.
Chariton C.A.P.	2.3 NNE,RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8 S,riv W	800	21 S6	80 oct. Poleline SE,NE.
Clinton	6.2 WSW,RR S	700	27 L S6	80 oct. No sto. Port rnwy
Columbus Jct.	3 N,RR E	580	28 S2	80 oct. Poleline N,E lgts.
Conrad	3 WNW,RR S	1000	23 S2	80 oct. 27° bldg E.
Cram (Davenport)	2.5 NW,RR SW	646	21 S6	80,91,100 oct.
Creston Arwys	1.6 NE, RR W	1320		UNUSABLE. (NC)
(A)DES MOINES	4.5 SSW,RR W	950	57h R2 L5 S4	80,91 oct. ARMY TMP
Dodge (Grimes)	3.5 E,hwy,RR E	835	27 S6	80 oct. INACT:CIVIL
Dows	1.5 SSE,RR NE	1144	26 S2	80 oct. FACS
Dressler(Anita)	7 SSE,rd W	1250	17 S2	80 oct. Trees S.
(P)Dubuque	1.9 NE,riv E	602	27 S6	80 oct. Poles SE,NW.
Dyersv'l Arwys (Dyersville)	0.8 S, RR NE	940	16 S1	80 oct. Pwr lines NW,NE
Elliot Fly.Svc.	Adj S	550	Unl. S1	80 oct. (Davenport) (NC)
(P)Emmerts(Eldora)	2.8 NE,lake SW	1000	32 S6	80 oct. Poles NW,SE
Eno(Ft.Dodge)	2.5 E,hwy W	1126	27 S6	91 oct.
(P)Estherville	3.5 E,hwy S	1298	35 L S6	80 oct. Port rnwy lgts.
Goodrich&Gross (Strawberry Pt.)	3.5 W,RR NE	1200	19 S1	Ltd 80 oct. Poles SE,SW.
Grand	1.2 SW,RR N	770	20 S2	80 oct. (Grand Mound)
Grundy Center	1.3 ENE,RR S	990	18 S1	80 oct. Pole line S.
Guthrie Center	0.5 NW,riv E	1074	21 S1	80 oct.
Henry's(Floyd)	5 NNE,RR W	1110	14 S1	80 oct. Poles ENE. Steep sloped strips.
(P)Hunter (Cedar Rapids)	3 S, riv N	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S, E.
(P)IOWA CITY	1.7 SW, riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S, RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW,RR S	1052	23 S6	80 oct. No sto. Poleline
Keokuk	4.6 NNW,riv E	670	28 S1	Ltd 80 oct. N.
Lake City	3.5 NNE, RR S	1200	26 S1	80 oct.
* Lamoni Int,10, KC-MP	3 WNW, RR NE	1163	37 L3	
Leon	4.1 N, RR SE	1050	20 S2	80 oct.
McVille (Mechanicsv'l)	3.2 WNW,RR S	850	30 S6	80 oct. Poles S,W
(P)MASON CITY	7 W,hwy S	1215	56h R1 L5 S6	80,91,100 oct. Poles SSE
Melbourne	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com.	0.3 S,RR E	1000	21 S2	80 oct. Pole line E.
* Montezuma Int, 17, OH-CG	3 E,hwy N	953	32 L3	Poles, trees SW Pwr line N.
Mt.Ayrport (Mt. Ayr)	6.6 N, RR N	1100	21 S1	Ltd 80 oct. Poles N,NE
Mt. Pleasant	2.6 ESE,RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW,RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE,hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N, hwy E	890	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys(Grinnell)	4.5 E	1000	26 S2	80 oct
Ottumwa	3.6 N,hwy W,S	850	32 S6	80, 91 oct.
(N)Ottumwa NAS (N)	6.4 NNW	841	52h R1 L5 S6	73,100 oct.
Pella	3.5 SE,RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW
Ryan (Emmetsbg)	1.3 W,RR N	1225	18 S2	80 oct. Trees NW
Sac City	3 SSE,riv W	1160	19 S2	80 oct.
Saxon(Ced.Rpds)	7 NE,hwy S	880	31 S6	80 oct. Trees E,SE.
Seymour	2 NNW,RR S	1060	24 S1	80 oct. Hedge S.
Squeeze(Algona)	5 S,riv S	1201	26 S2	80 oct. Pole line NW,W
* Stuart Int,8,OH-CG	3.5 SE,rd E	1159	31 L3	Pole line NE,E.
Tatro Fly.Svc.	2.6 NW,riv W	918	26 S2	80 oct. (Decorah)
Traer	1 ENE,RR SW	895	18 S2	80 oct. Pole line E.
Venture(Ottumwa	2.8 SSE,RR W	800	13 S6	80 oct. Poleline N,W,NE
Washington	1.5 SSE,RR NE	769	26 S6	80 oct.
Webster City	3.3 SW,riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E,RR N	1250	31 S1	80 oct. Poleline N,S.
Mosner(Riceville,Ia	1 W,hwy S	1263		80 oct. P-line S. Data unver.
Fort Madison	1.5 N; RR W		27 S4	80 oct. Llo sto. Data unver.
(P)Waterloo (Iowa)	4 NW; RR S,E		54h L5 S1	80, 91 oct. Data unver No flood lgts.

KANSAS

ARPT.-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A)Fairfax (Kans.C)	3 NE,RR E	742	65h R1 L5S4	91, 100 oct. (A)
Fisher	1 ESE,RR N	770	26 S6	80 oct. (Edwardsville)
Leavenworth Lecompton	3.6 WSW,RR E	1125	14 S4	80 oct. No sto. Trees, bldg S.
(A)Sherman(Ft. Leavenworth)	1 NNE,RR W	771	60 R1 L5 S4	73, 91, 100 oct. (A)

MINNESOTA

(P)Albert Lea	2.3 N, RR E	1255	32 S6	80 oct. No sto. Poleline
Amboy	1 NNE, Rt W	1000	24 S1	80 oct. N.
Blue Earth	3 S,RR E	1111	23 S1	80 oct. Poleline E.
Decker(Austin)	1.7 E,hwy N	1224	26 S4	73 oct. Obsts sur fld.
Fairmont	3.1 S,hwy W	1190	24 S1	80 oct. Poleline W.
ROCHESTER	1.7 SSE,RR W	1040	43h R2 L4 S6	80,91 oct. Poleline E,N
Sherburn	2 WNW,RRs S,E	1300	21 S2	80 oct. Pwr line ESE.
Tri-Mont	0.9 S,RR W,E	1250	22	(Triumph)

MISSOURI

Bailey's (Brookfield)	2 WSW,RR N	800	26 S2	80 oct. Pwr line SE. Poles E,SE;NW blckd
Bailey's Arpk (Chillicothe)	2 SSE,RR W	675	32 S6	80 oct. Poles S.
Bowling Green	1.6 NW,RR E	882	25 S2	80 oct. Poles S, pwrline
(P)Bradley(Moberly)	3 NNE,hwy W	865	37h S6	80 oct. Obsts, SE.
Cameron	2 E,RR NW	1050	21 S4	80 oct. Poles N,W,NNW
* Chillicothe Int, 7, KC-CG	3 ESE: RR N, SW	780	25h R1 L3	Pole line S, trees SW 4000 strip avail.
Edwards	1.2 ENE,RR W	920	17 S1	Ltd 30 oct. (Grant City)
Fayette	1.5 S	660	28 S2	80 oct. Data unverified.
Fordyce(Bethany)	4.8 ESE,RR WNW	1050	22 S2	80 oct
Green(Mexico)	4.3 ESE,RR S	815	36 L S6	80 oct. Port rnwy lgts.
Hannibal	4.3 WNW,hwy N	735	28 L S6	80 oct. Poleline SW
Heart of America (Kansas City)	4 E,RR E	759	23 S6	80 oct Port rnwy lgts, Poles, trees S. Flood
Independence	5.8 ESE,RR S	825	23 S6	80 oct. Poles S, lgts inop
KANSAS CITY	2.5 NW,riv W,S	739	52h R3 L6 S6	80,91,100 oct. Poles E.
Kirksville Arpk	Adj SE	927	26	Clsd for winter dike W.
" 12, KC-CG	7 SE,hwy NE	970	39h R1 L3 S6	91, 80 oct.
Lexington	3 WNW,RR NW	850	33 S6	73 oct. Poleline S,W,SW
* Luray Int,18,	1.9 ESE,hwy N	727	26 L3	KC-CG
Marceline	1.5 N,RR SE	855	20 S1	80 oct. Pole line NNE.
* Marshall Int,7, KC-LS	1.8 S,hwy E	800	39 R1 L3 S2	80 oct. Silo NE corner
(P)Maryville	2.2 WNW,RR N	1154	25 S6	80,91 oct.
Nicholas Marshall	3.8 S,hwy W	770	26 S4	80 oct. Pwr line S.
* Osborn Int,4,	1.5 NW, hwy S	1046	32 L3	KC-MP
(P)ROSECRANS	4 NW,riv S	821	60h R2 L5 S4	(St. Joseph) 80,91,100 oct
Savannah	1.3 E, RR W	1025	13 S1	80 oct. Fld lgts on req.
Slater	0.8 NW,hwy SE	850	26	Pole line adj N.
Unionville Arwys	1.5 ESE,hwy NE	1100	24 S2	80 oct. Pole line N.
Vaughn(Trenton)	1.2 NNW,RR E	790	26	

WISCONSIN

(A)Camp McCoy(A)	2.6 E Sparta	830	38h	RR W
(P)La Crosse	5 NNW,bet rlys	653	53h L5 S4	80, 91 oct.
* " Int,23A,	8 NNW,RR NE	667	37 R1 L3	Pole E. (CG-Twin Cys)
* Lone Rock Int, 15,CG-Twin Cys	2 N,rd W,N	714	39 R1 L3 S2	Ltd 80 oct. Poleline NE
Red Rock (Darlington)	5 SE,RR E		12 S1	80 oct. Data not verif
Richland Center	6 SSE,hwy W		23 S1	80 oct. Trees E,S. Data not verified
Shullsburg	0.5 S	1000	18 S1	80 oct. Trees SW. Data not verified.
Sparta-Angelo	2.2 NE,RR E	800	25 S1	80 oct. Poles sur fld.
Tomah	1 E,RR N	970	16 S1	73 oct, 180, hill E.
(P)Camp Williams (Camp Douglas,Wisc.)	1 N, RR SW	915	45h S2	No fuel. Rnwy data unver Obsts SE,S. Clsd winter.
Elkader Ia.	1.1 ESE;RR S	915	17 S2	80 oct. Pole line NW.
Independence Ia.	4.1 W;RR E	990	23 S2	80 oct. Poles N
Roth (Oskaloosa)Ia.	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld.
Wicks (Garner)Ia	1.6 NW;RR S	1230	26 S2	80 oct. Poles NW,SW.
→ Winterset Ia.	2 W;RR E	1130	21 S4	80 oct. Fence each end
Quincy,new(Ill.)	9.5 E	760	54h	Data unverified. rnwy
Daviess County	1.1 W,RR N	930	16 S1	80 oct. Pole N.
Wiese Fly. Serv. (Bone Tree,Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-VDT,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 245°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-VDT,45°,1.7	(4); 116.1
INDIANA			
LOWELL FM	(. - - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	359(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
WISCONSIN			
→ GENERAL MITCHELL (Milwaukee)	278 (118.5)	C; 352°, 2.5	(4); 118.5,122.5
GENESEE FM	(- - -)	FM, 279°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-VDT,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-VDT	(3); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				(3)-	MM-	OM-
					MMK-	OMK-
				(M)-	MM-	OM-
					MMK-	OMK-
				(M)-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

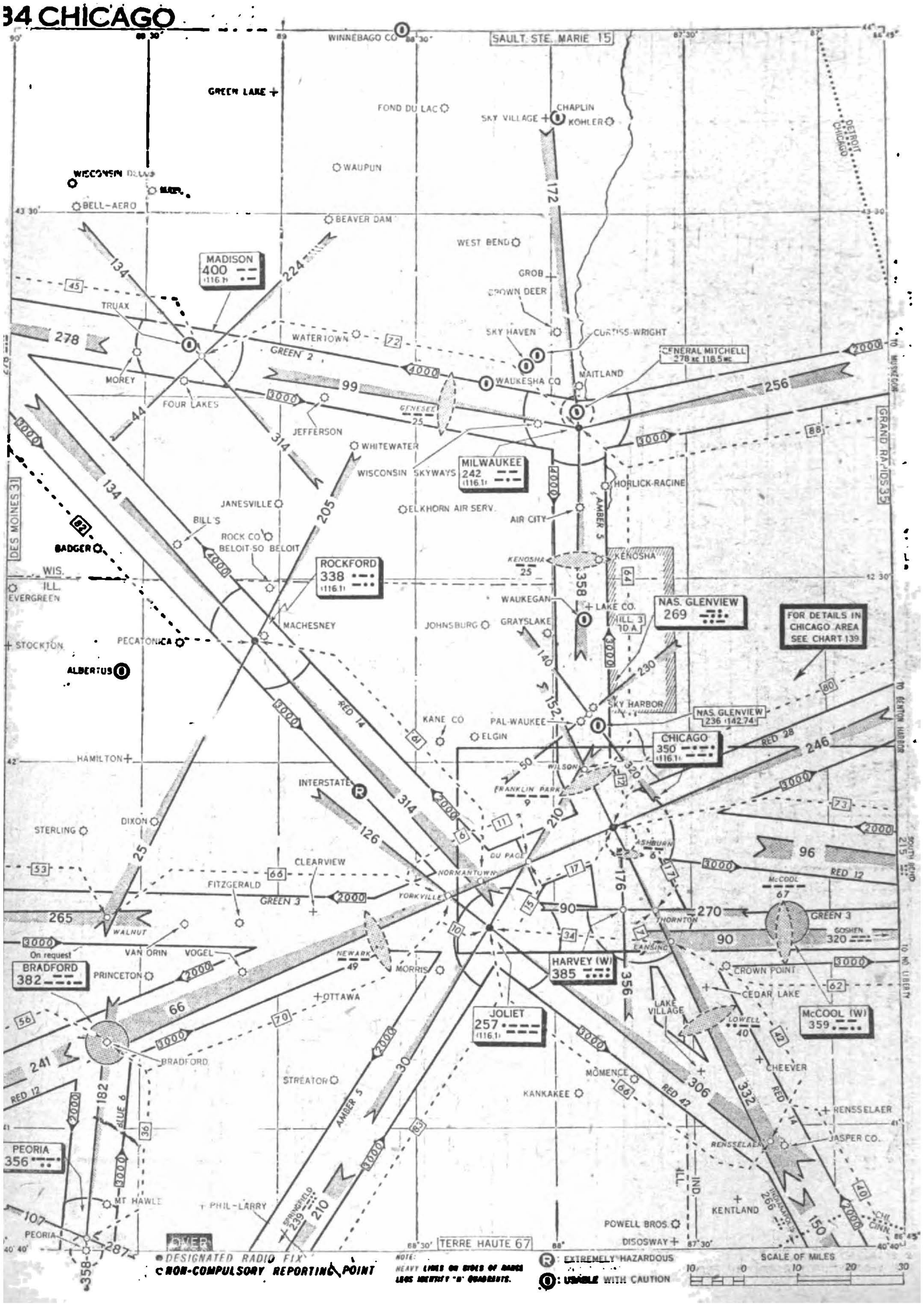
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8 SE,RRS,W	740	26 S6	73,80 oct.
→ Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill NE.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
→ Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct.Apchs blocked except E
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. and N half W bndry.
→ Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
→ Grayslake	1.1 ENE;rd W	751	25	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW; hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	820	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv W	735	29 R1 L4 S6	73,80 oct. Pole line E.
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 18) NC-(not charted). → NEW OR REVISED DATA

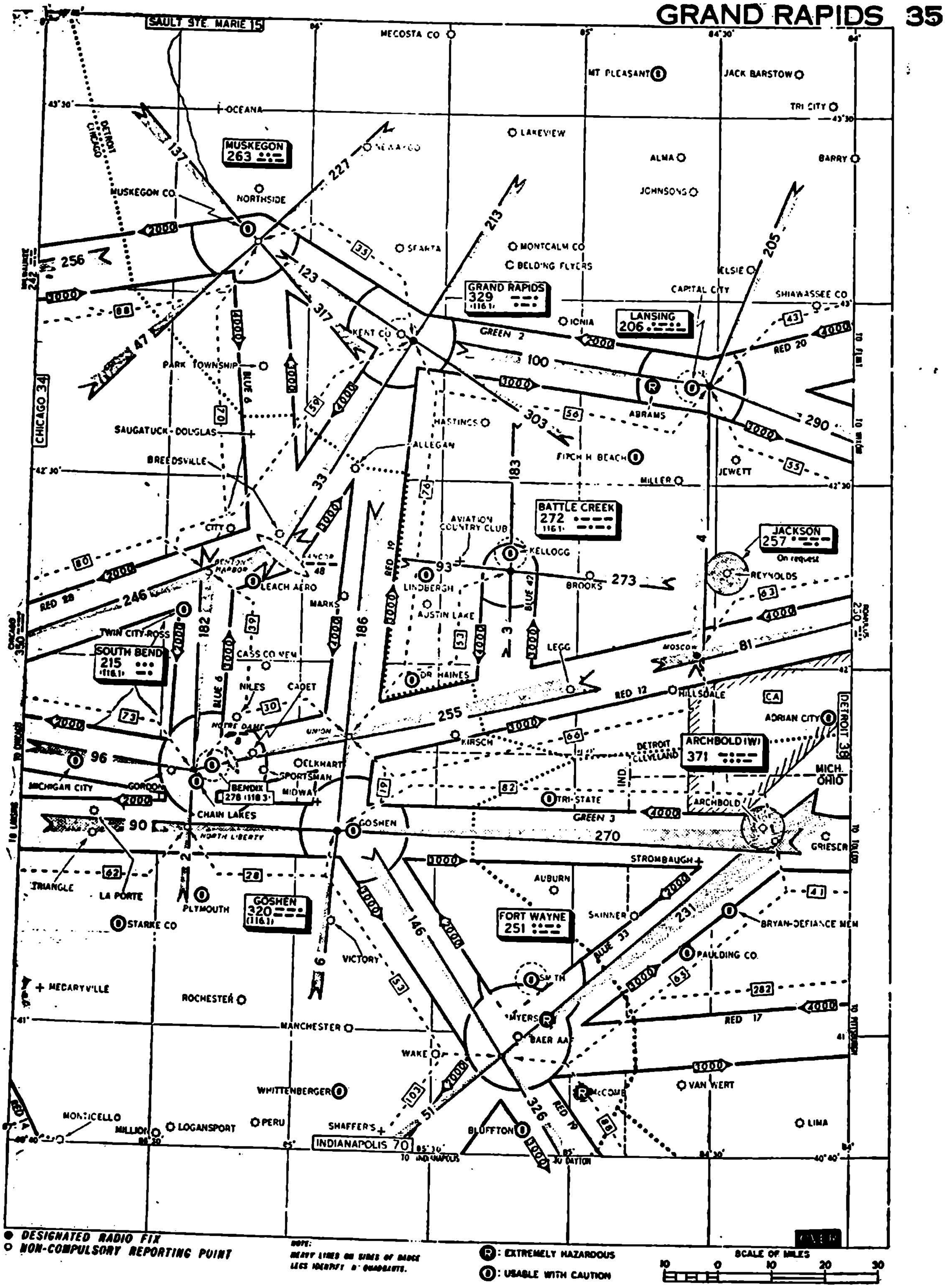
ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	650	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 L3 S4	80 oct. No ben. Lgts prior req.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct.Soft when wet.Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
INDIANA				
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
→ Crown Point	1 N		30 S6	80 oct.P-line E.Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;RR NE	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.
WISCONSIN				
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1040	20 S1	80 oct.
Beaver Dam Inc.	2 N;lake W	914	15 S1	80 oct.
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct.51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L6 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	700	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	855	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct.Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	32 S5	80 oct.P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	778	50h L1 S4	80,91 oct.No sto.P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Hamilton Arpt (Polo) (Ill)	2.5 NE	795	25 S3	80 oct. Data unverified.
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

34 CHICAGO


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
CHAPLIN
SKY VILLAGE
KOHLER
WAUPUN
WISCONSIN DELLS
BELL-AERO
BEAVER DAM
WEST BEND
MADISON
400
GROB
BROWN DEER
TRUAX
SKY HAVEN
CURTISS-WRIGHT
WATERTOWN
GENERAL MITCHELL
MAITLAND
MOREY
WAUKESHA CO
FOUR LAKES
JEFFERSON
GENESEE
WHITEWATER
WISCONSIN SKYWAYS
MILWAUKEE
242
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV.
AIR CITY
BILL'S
ROCK CO
BELOIT SO BELOIT
BADGER
ROCKFORD
338
KENOSHA
WIS.
ILL.
EVERGREEN
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 139
MACHESNEY
JOHNSBURG
GRAYSLAKE
STOCKTON
PECATONICA
ALBERTUS
SKY HARBOR
NAS. GLENVIEW
236
KANE CO
PAL-WAUKEE
ELGIN
CHICAGO
350
HAMILTON
INTERSTATE
WILSON
FRANKLIN PARK
DIXON
STERLING
OU PAGE
ASHBURN
CLEARVIEW
NORMANTOWN
FITZGERALD
YORKVILLE
McCOOL
67
THORNTON
GOSHEN
320
LANSING
WALNUT
VAN ORIN
VOGEL
On request
NEWARK
49
MORRIS
HARVEY (W)
385
CROWN POINT
BRADFORD
382
PRINCETON
OTTAWA
LAKE VILLAGE
CEDAR LAKE
LOWELL
40
JOLIET
257
McCOOL (W)
359
BRADFORD
STREATOR
MOMENCE
CHEEVER
KANKAKEE
RENSSELAER
JASPER CO.
PEORIA
356
MT HAWLE
PHIL-LARRY
SPRINGFIELD
239
KENTLAND
POWELL BROS.
DISOSWAY
TERRE HAUTE 67
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LEGS INDICATE "B" BOUNDARIES.
R: EXTREMELY HAZARDOUS
V: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30
TO GRAND RAPIDS 35
TO BENTON HARBOR
TO MILWAUKEE
TO NO. LIBERTY
DES MOINES 31
SOUTH BEND 215

GRAND RAPIDS 35



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BLOCK LESS HEAVIER 6° QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

SCALE OF MILES
30 20 10 0 10 20 30

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4)118.3,122.5
DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	DBULZ-DTV,51°,3.5	(4), 116.1 (H-S)
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,99°,2.7	(4), 116.1
NOTRE DAME LFM	(- - -)	LFM, 79°, 4.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.5	(4), 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 46	Grand Rapids
BATTLE CREEK (Kellogg)	272(JCK)(116.1)	BMLZ-DTV, 3°,3.2	(4), 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4), 116.1
JACKSON (Reynolds)	257 (JN)	MRT	(4)
LANSING (Capital City)	206 (LI)	SBMRAZ-DTV,289°,3	(4)
MUSKEGON (Muskegon County)	363 (UK)	BMLZ-DTV,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	VHF	(Cont.)
INSTRUMENT LANDING SYSTEMS (Localizer and ...			
LOCATION	...	...	DECOMMISSIONED
FORT WAYNE, IND (Baer)			MM-

S Simul Range and Voice. W Without Voice. ... Parenthetical Numbers in Frequency Column ...

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct, Trees sur fld.
(A) BAER (Fort Wayne) (A)	7 SSW;RR E	788	65h R1	IMP PNACT NO FACS No twr,
BENDIX (South Bend)	6.5 NW;hwy S	778	40h R2 L3 S6	80-100 oct. Pole line S, N.
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	705	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct, Hedge N.
Gordon (New Carlisle)	2.8 ESE;hwy N	730	13 S1	Fuel avail, Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct.
La Porte	2.5 SSW;RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts, Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	753	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld. No sto.
Triangle Air Service (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. Poles E. Data unver.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.
MICHIGAN				
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W. Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct. P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). ➔ NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barry (Saginaw)	3 WSW;hwy S	599	19 S4	80 oct.
Belding Fliers Inc.	12.1 W;RR E	710	27 S4	73 oct. Poles S.
Breedsville Airpark	1.6 W;hwy N	684	23 S4	73,80 oct. No sto. P-line NE,S,SW.
Brooks (Marshall)	1.1 S;hwy N	900	26 L3 S6	80 oct. Trees W, lgts
(P) CAPITAL CITY (Lansing)	3.4 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW;RR SE	720	30 S4	80 oct. P-lines E,NE
City (South Haven)	4 S;RR W	640	30 S4	73 oct. Trees W.
Elsie	6 SSE;RR NNE	760	19 S1	80 oct. Pole line sur fld.
Fitch H. Beach (Charlotte)	1.6 ENE;RR NW	900	25 S6	73 oct. No sto.
Haines (Three Rivers)	12.1 SE;RR SW	900	26 S1	80 oct. Poles S, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1180	19 S4	73,80 oct. No sto. Poles NE,E.
Ionia	3.5 W;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1 SE;RR W	920	23 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	760	17 S2	80 oct. Lld sto.
(P) KELLOGG (Battle Creek)	5 WSW;RR W	968	42h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	861	44h R1 L3 S6	73,80,91 oct. P-line NW,SE. Rdo repairs.
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S.
Lakeview	1 1 NNE;RR S	963	19 S5	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	654	19	Data unver.
(P) Legg (Coldwater)	1.3 NW	932	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto
Montcalm Co. (Greenville)	3.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	1.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE.
Northside (Muskegon)	5.4 NNE	560	29 S4	73 oct. No sto. Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	·SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.
OHIO				
* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
(P) Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S. Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E; wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct. Poles N,S,NW,NE.
NEW AIRPORTS				
Shaffer's (La Fontaine, Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.

RADIO — MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
→ Willow Run Arpt.	332 (118.7)	C	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272 (126.18)	C; 45°, 0.4	(4);126.1°,122.5
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBMAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM	(. . -)	FM, 31°, 83	Columbus
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(CG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in MHz. Compass Locators in ital.)

LOCATION	LOCALIZER	G.P.	APP. HEAD.	MARKER BEACONS & MILEAGE (PLUS COMPASS LOCATORS)		
Selfridge, Mich.	109.5 (W)	332.6	184° Mag.	OM- (0.23)	MM- ..... (0.81)	OM- -- (4.31)
					MMK-	OMK-
				OM-	MM-	OM-
					MMK-	OMK-
				OM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3)-3105 4495, 6210 kcs. (4)-3105 4495 6210 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army ACS transmits on and guards 119.1 121.88 140.58 mcs

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct. Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	73 oct.
Caro	3 WSW;RR SE	699	22 S2	80 oct. SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. Trees S,E.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY. Rdo rcv rqrd. Tank W side
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct.

B-boul mariacal numbers. B-rotating beacon. L-lighting facilities. S-services. (See page 11) NC-(not charted). → NEW OR REVISED DATA

DETROIT

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Kance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct. Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. No sto Poles NW;bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Metteta (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	535	30 S4	73 oct. No sto. Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD. ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct. Poles S,SW.
→ Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE, SE, SW, NW, Bcn on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. Poles N.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE.
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct. No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor) (NC)	5 W		26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW,RR E	690	21 S1	80 oct.
Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct. Poles N. Stumps NW. No sto.

OHIO

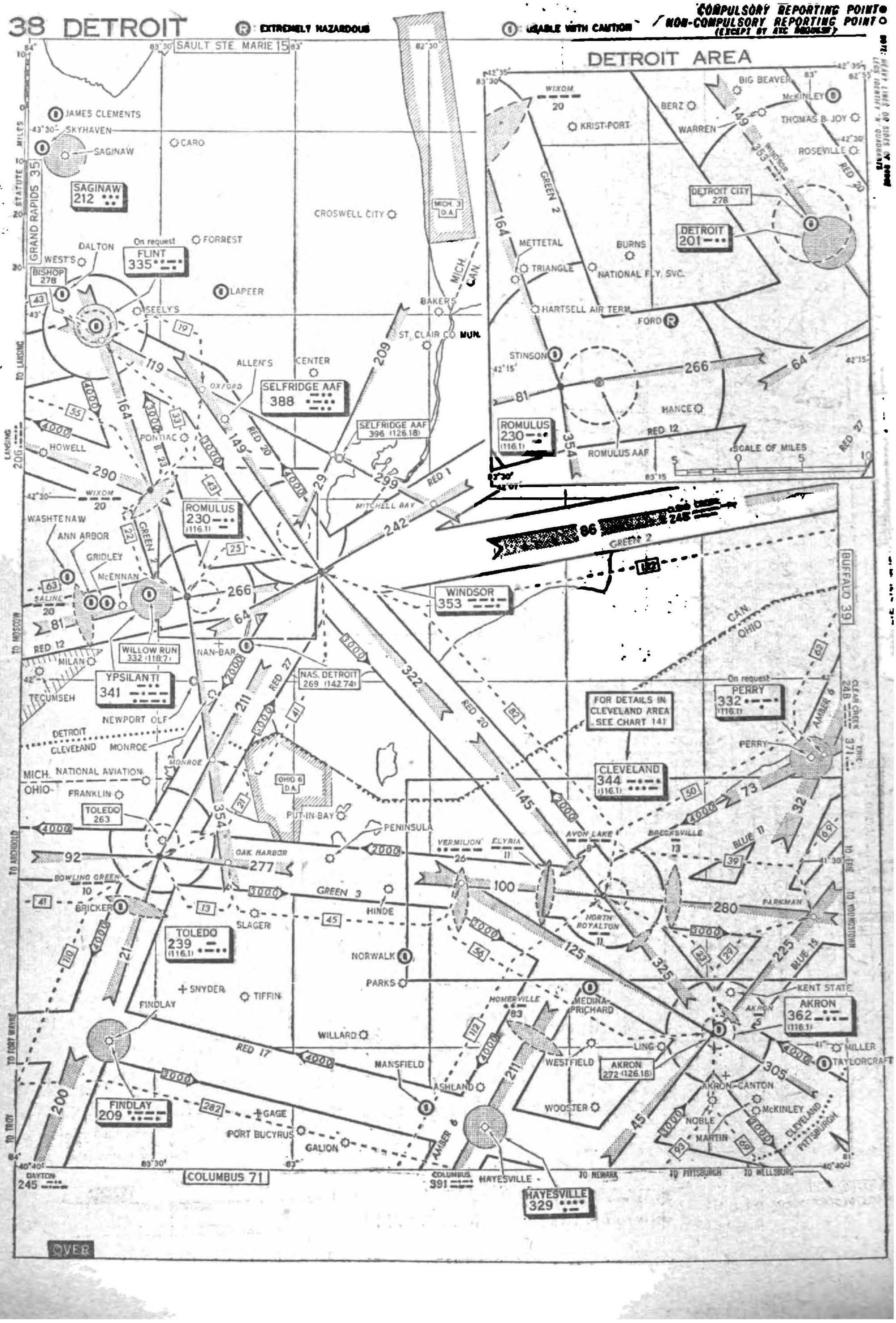
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct. Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE.	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2 *	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int. 4B, CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	73,83,91 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	900	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct. Data unver.

38 DETROIT

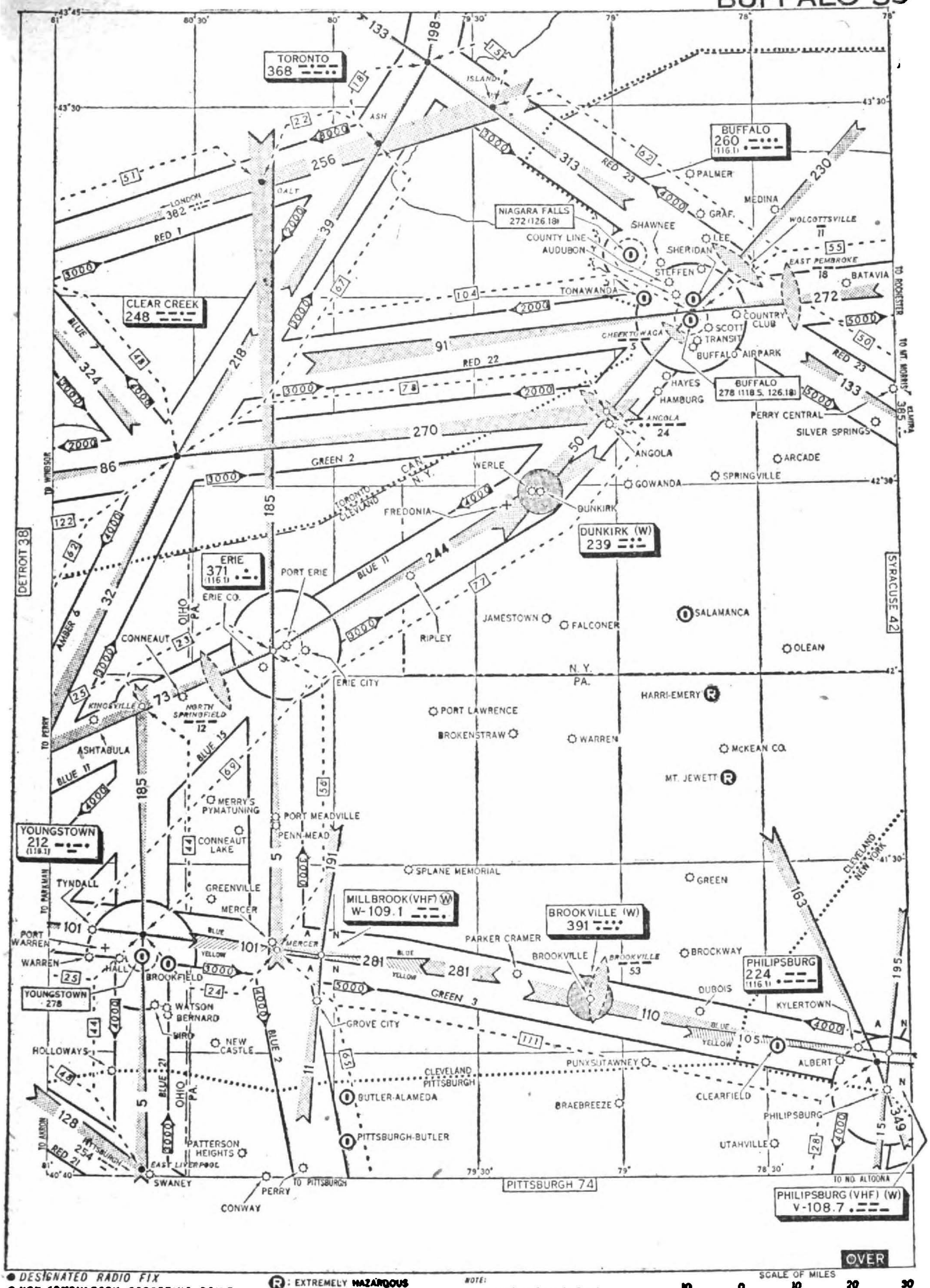
R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT●
NON-COMPULSORY REPORTING POINT○
(EXCEPT BY ATC ASSIGNED)



BUFFALO 39


TORONTO 368
BUFFALO 260 (116.1)
NIAGARA FALLS 272 (126.18)
CLEAR CREEK 248
ERIE 371 (116.1)
DUNKIRK (W) 239
YOUNGSTOWN 212 (116.1)
YOUNGSTOWN 278
MILLBROOK (VHF) (W) W-109.1
BROOKVILLE (W) 391
PHILIPSBURG 224 (116.1)
BUFFALO 278 (118.5, 126.18)
ANGOLA 24
PHILIPSBURG (VHF) (W) V-108.7
PITTSBURGH 74
TORONTO
BUFFALO
NIAGARA FALLS
CLEAR CREEK
ERIE
DUNKIRK (W)
YOUNGSTOWN
YOUNGSTOWN
MILLBROOK (VHF) (W)
BROOKVILLE (W)
PHILIPSBURG
BUFFALO
ANGOLA
PHILIPSBURG (VHF) (W)
PITTSBURGH
ISLAND
ASH
LONDON
GALT
PALMER
MEDINA
GRAF.
WOLCOTTSVILLE
SHAWNEE
COUNTY LINE
AUDUBON
LEE
SHERIDAN
STEFFEN
EAST PEMBROKE
BATAVIA
TONAWANDA
CHEEKTOWAGA
SCOTT
TRANSIT
COUNTRY CLUB
BUFFALO AIRPARK
HAYES
HAMBURG
PERRY CENTRAL
SILVER SPRINGS
ARCADE
SPRINGVILLE
GOWANDA
WERLE
DUNKIRK
CAN.
N.Y.
TORONTO
CLEVELAND
FREDONIA
PORT ERIE
ERIE CO.
OHIO
PA.
CONNEAUT
RIPLEY
JAMESTOWN
FALCONER
SALAMANCA
OLEAN
N.Y.
PA.
ERIE CITY
HARRI-EMERY
PORT LAWRENCE
BROKENSTRAW
WARREN
McKEAN CO.
MT. JEWETT
KINGSVILLE
NORTH SPRINGFIELD
ASHTABULA
MERRY'S PYMATUNING
PORT MEADVILLE
PENN-MEAD
CONNEAUT LAKE
SPLANE MEMORIAL
GREEN
GREENVILLE
MERCER
TYNDALL
PORT WARREN
WARREN
HALL
BROOKFIELD
WATSON
BERNARD
BIRD
NEW CASTLE
HOLLOWAYS
GROVE CITY
PARKER CRAMER
BROOKVILLE
BROCKWAY
DUBOIS
KYLERTOWN
PUNXSUTAWNEY
ALBERT
CLEARFIELD
CLEVELAND
PITTSBURGH
BUTLER-ALAMEDA
PITTSBURGH-BUTLER
BRAEBREEZE
UTAHVILLE
PATTERSON HEIGHTS
EAST LIVERPOOL
SWANEY
CONWAY
PERRY
TO PITTSBURGH
TO NO. ALTOONA
CLEVELAND NEW YORK
TO ROCHESTER
TO MT. MORRIS
ELMIRA
TO WINDSOR
TO PERRY
TO AKRON
TO PARKMAN
DETROIT 38
SYRACUSE 42
133
198
15
18
22
62
51
256
313
RED 23
230
55
272
50
91
RED 22
218
324
48
78
270
86
GREEN 2
50
122
62
32
AMBER 6
185
39
67
104
2000
3000
4000
5000
2000
3000
4000
5000
BLUE 7
BLUE 11
BLUE 15
BLUE 21
BLUE 2
BLUE 11
25
73
69
44
48
101
101
BLUE
YELLOW
4000
24
44
21
5
11
56
191
5
128
RED 21
254
81°
40° 40
77
244
BLUE 11
3000
4000
5000
281
281
BLUE
YELLOW
111
110
105
BLUE
YELLOW
4000
A
N
163
195
15
349
28
79° 30'
79°
78° 30'
41° 30'
42° 30'
42°
43° 45'
43° 30'
80° 30'
80°
79° 30'
79°
78°
78°
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
(R): USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" BOUNDARIES.
SCALE OF MILES
10 0 10 20 30
OVER

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	FM, 230°, 24	Buffalo
BUFFALO	260(BJ)(116.1)	SBRAZ-VDTX	(3); 116.1
Buffalo Airport	278 (126.18) (118.5)	AC;230°,0.9	(4);126.18,122.5,118.5
CHEEKTOWAGA LFM	(- - -)	LFM,230°,4.7	Buffalo
DUNKIRK	239(DK)	MBW	
EAST PEMBROKE FM	(- -)	FM, SE°, 17.5	Buffalo
NIAGARA FALLS AIRPORT	272 (126.18)	CI	(4);126.18 (8-20)
WOLCOTTSVILLE FM	(-)	FM, 50°, 11	Buffalo

OHIO

YOUNGSTOWN	212(CT)(116.1)	BMRIZ-VDT	(4);116.1
Youngstown Airport	278	CI; 185°, 3.4	(4); (630-2030)

PENNSYLVANIA

BROOKVILLE FM	(- - -)	FM, 290°, 53	Philipsburg
BROOKVILLE (Int.)	391(BR)	MBW	
ERIE (Port Erie)	371(ER)(116.1)	SBMRAZ-VDT,64°,2	(4); 116.1
NORTH SPRINGFIELD FM	(- - -)	FM, 253°, 12	Erie
PHILIPSBURG	224 (MJ)(116.1)	SBRAZ-VDT,169°,5	(4);116.1
PHILIPSBURG	108.7 (MJ)	VARW	
MILLBROOK	109.9(MC)	VARW	

CANADA

CLEAR CREEK, ONT.	248 (QO)	BRAZ-T	(4)
TORONTO, ONT.	368 (YZ)	SBRAZ-TX	3105,6210,3117.5

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 6495, 6210 kcs; (4)-3105, 6495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice, + - Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct.No storage.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct.Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct.
→ BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct.ARPT. OF ENTRY.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct.Trees SW.
County Line (No.Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR W,S	692	40h L5 S6	80,91 oct.
Erie Co.Aero Park (Hamburg)	3.5 WSW;RR E,W	750	18	Pole line S.UNUSABLE.(NC)
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct.No storage.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Inc.	2 NNW;RR,hwy W	722	23 S2	80 oct.Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct,No storage.
Jamestown	4.1 N;hwy E	1719	27h S6	80 oct.Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct.Pole line N.
Medina	2 W;RR S	500	21 S1	80 oct.Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct.JP-1.No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S.,
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct.Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23 S1	80 oct.Pole line,trees N.E.
Perry Ply.Service (Perry)	3.3 W;RR W	1640	21	Pole lines NNE. (NC)
Ripley	1.4 WNW;lake N	650	22 S4	80 oct.No storage;
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W, unverifie
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct.No storage.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.
	7.3 NW	570	103 S6	80 oct. Ramp; all facs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) (NC)-Not charted.
→ NEW OR REVISED DATA

NEW YORK

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E.Rnwy info
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld. unver.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.

[redacted]

Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct.Pole line N,S,W.
Bird (Youngstown)	2.6 NE; RR W	1000	22 S4	80,91 oct.Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Holloways (Greenford)	1 ENE;RR W	1250	15 S1	80 oct.Wires E.
Sky Harbor (Williamsfield)	1 S;hwy E	1140	26	Poles E. (NC).
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct.No storage.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct.Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.

PENNSYLVANIA

Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct. Trees N,NE. data unver.
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
★ Brockville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct.Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct.Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.Poleline SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct.Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel.Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct.Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct.Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct.Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1ENE;riv N	1480	28 S2	80,91 oct.Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Philipsburg,Site 51A,CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80,91 oct.
Port Lawrence (Corry)	1.2 S;RR W	1745	23 S2	73 oct.Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct.Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct.Port. rnwy lgts.
Utahville	1N;RR S	1800	22 S2	Ltd 73 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
Port Warren (Warren,Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver.

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
DANSVILLE	212(DA)	MSW	
ELMIRA (Chemung Co.)	386(EA)(116.1)	SBMAZ-VDT,75°,1.8	(4); 116.1
ROCHESTER	206(RC)(116.1)	BMRLZ-VDT	(4);116.1
Rochester Airport	278	CI;298°,2.2	3105,4495 (8-24)
ROME AAF	396 (126.18) +	CA	(4); 126.16 (8-22)
SYRACUSE	350(SR)(116.1)	SBRAZ-VDT	(3);116.1
Syracuse Municipal	278	C ; 178°, 2.2	(4)
TRI-CITIES (Endicott)	278	CI	3105,6210(days)
UTICA	359(UA)(116.1)	BMRLZ-VDT,151°,3.0	(4);116.1

PENNSYLVANIA

ALLENTOWN (Allentown-Bethlehem)	320(XA)(116.1)	SBMRAZ-VDT,162°,2.7	(4); 116.1
LAKE CAREYFM	(- - - -)	FM, 360°,20.8	Wilkes-Barre
SLATINGTON FM	(- - - -)	FM, 290°, 12	Allentown
SUNBURY	353(SV)	MSW	
SUNBURY	108.3 (SV)	VARW	
WILKES-BARRE (Wilkes-Barre-Wyoming Valley Airport)	272(WI)(116.1)	SBMRAZ-VDT; 124°, 2.6	(4);116.1
WILLIAMSPORT	233(IA)(116.1)	SBRIZ-VDT,281°,7.0	(4);116.1

a-Simul. Range and Voice. B- Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. ↓ - Army A.C.S. frequencies and guards 116.1, 121.92, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna(Blairstown	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek, Belvidere	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles trees sur fld.
Binghamton	7.2 NNE;RR NW	945	18 S2	80 oct.Trees N.
Bonnie Brae (Owasco) (RC)	1.7 SW;RR W	960	17	Cattle on fld.
Brizee (Pittsford)	2 E;RR N	422	25 S4	80 oct.Pole line S.NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E;RR NW	748	20 S1	80 oct.
Cayuga (Ithaca)	1.8 WNW;hwy E	1280	23 S1	80 oct.Pole line E.
(P) CHEMUNG CO. (ELMIRA)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate Univ. (Hamilton)	5.4 N;RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.1 WSW;RR S	570	18 S4	80 oct.Pole line W.
Community (Whitesville)	1.4 E;riv 1 N	2150	30	75-40' trees E.W.S.
Cortland	1.8 WSW	1144	30 S6	80 oct.Wooded ridge E.
Costa's (Painted Post)	2.7W NW;RR	960	16 S1	80 oct.Trees W.NW.
Crowner (Wellsville)	1 W;RR E	1506	22 S2	80 oct.Obsts sur fld.
(P) Dansville	1 NW;RR NE	662	40h L3 S6	80 oct.Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct.Trees S.W.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Hnwy data unver.Brush WNW.
Hancock (RC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct.3' fence E.S.SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct.Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct.Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct.Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct.Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin(Pontoon Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct.Pole line E.
Meechan-Genesee (Rochester)	6 S;RR E	564	22 L S6	80 oct.Floodlgts in emerg.
Mercury (Hammondsport)	1 WSW;RR E	750	15 S2	80 oct.Hill W.
Elmira	2 SSW;RR E	850	16	Trees all NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy E	980	14	Trees WSW.

a-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (RC)-Not charted. → NEW OR REVISED DATA

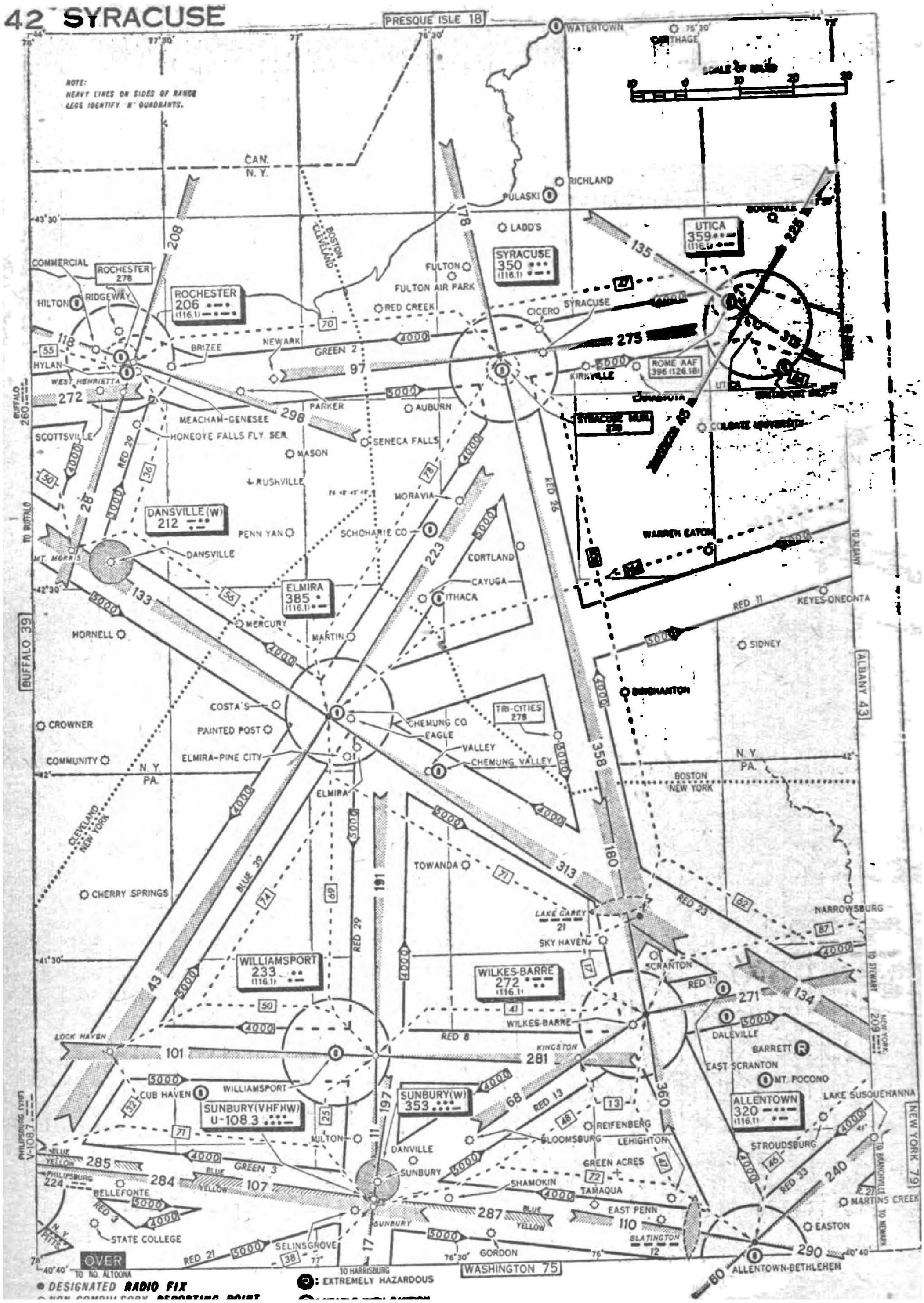
NEW YORK

AIRPORT —CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW;RR E	730	20 S1	80 oct.S approh blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct.Mts N.NE.
★ Newark Int,27A,CV-AZ	1.3 NNW;rd N,E	490	19 L3	Pole N.
Painted Post	4.4 SW;RR W	950	19 S2	80 oct.Trees E.W.
Parker (Palmyra)	2.8 S;RR N	540	15 S1	80 oct.
Penn Yan	1.1 S;lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct,Port rnwy lgts.Trees WSW
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE,NATS
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY(Hospital
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct.JP-1, flights)
Scottsville	1 N;RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct.Pole line S.
(P) Syracuse MUNICIPAL	3.5 NNE;hwy W	419	55h	
	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct.Rdo req rqrd
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35M R1 L3 S6	80,91 oct,Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees S.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct.Wooded ridge E.
(F) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req.ARPT OF ENTRY
Schoharie Co.(Richmondville)	1.3 NE; RR N	1000	16 S1	80 oct. Trees E.
Smithport Inc.(Utica)	3.5 ESE	1150	20h S1	80,91 oct. Data unverified
Rushville	2.5 NNE	1130	20 S1	Unverified.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1455	19 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW, E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 S4	73 oct.
Cherry Spgs. (Corbett)	2.4 N	2265	18 S1	Ltd 80 oct.Trees W,SE, NW.
Cub Haven (Lock Haven)	1.7 E;RR S	552	25h S1	80 oct. Fwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct.Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct.Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct.Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
Gordon	1.8 W;RR E	960	18 S2	80 oct. Hill S.
Lehighton	0.9 WSW;hwy NW	562	18 S5	80 oct. Trees WSW.
Mid Valley (Clymhant)(RC)	3 N;rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct.Pole line SW.
Mt.Pocono,21,BJ-LG	1.5 NW;hwy NW	1925	26h L3 S1	80 oct.Pole line NE.
Mt. View (Nicholson)(RC)	4.9 ESE;crk NW	1280	21	50' trees E
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91oct. Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,90 oct.Pole line E,W.
Shenckin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S;RR N	639	20 S1	80 oct.Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct.Poles adj W.
Stroudsburg-E. Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Suntury	2 NNE	443	37 L3 S6	80 oct. No sto.
★ Tyaeque,Int,61B,CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct.Pole line SW,NE.
Wilkes-Barre-Wyoming Valley	3.5 NNE;riv S	546	35h R1 L3 S4	80,91 oct.
(P) Williamsport	5.1 E;riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
East Scranton (Scranton)	7.3 ESE;lake E	1660	21	Trees S. E.
Boonville (N.Y.)	4.5 ESE;riv NE	1273	29 S1	80 oct. Obst sur fld.
Green Acres (Hazleton)(Pa)	4 SE	1260	20 S4	80,91 oct

42 SYRACUSE


PRESQUE ISLE 18
WATERTOWN
CARTHAGE
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "M" QUADRANTS.
CAN.
N. Y.
PULASKI
RICHLAND
LADD'S
UTICA
359
SYRACUSE
350
ROCHESTER
278
ROCHESTER
206
COMMERCIAL
HILTON
RIDGEWAY
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
HYLAN
BRIZEE
NEWARK
GREEN 2
97
ROME AAF
396
KIRKVILLE
WEST HENRIETTA
272
PARKER
AUBURN
MEACHAM-GENESEE
HONEOYE FALLS FLY. SER.
SENECA FALLS
SCOTTSVILLE
MASON
RUSHVILLE
MORAVIA
DANSVILLE (W)
212
PENN YAN
SCHOHARIE CO
DANSVILLE
MT. MORRIS
CORTLAND
CAYUGA
ITHACA
ELMIRA
385
MERCURY
MARTIN
HORNELL
WARREN EATON
KEYES-ONEONTA
SIDNEY
BINGHAMTON
COSTA'S
TRI-CITIES
278
CHEMUNG CO.
EAGLE
VALLEY
CHEMUNG VALLEY
CROWNER
PAINTED POST
ELMIRA-PINE CITY
COMMUNITY
N. Y.
PA.
BOSTON
NEW YORK
CLEVELAND
NEW YORK
CHERRY SPRINGS
TOWANDA
LAKE CARRY
21
SKY HAVEN
NARROWSBURG
WILLIAMSPORT
233
WILKES-BARRE
272
SCRANTON
WILKES-BARRE
DALEVILLE
BARRETT
EAST SCRANTON
MT. POCONO
LOCK HAVEN
KINGSTON
281
CUB HAVEN
WILLIAMSPORT
SUNBURY (VHF)(W)
u-108.3
SUNBURY(W)
353
ALLENTOWN
320
LAKE SUSQUEHANNA
MILTON
DANVILLE
SUNBURY
REIFENBERG
BLOOMSBURG
LEHIGHTON
GREEN ACRES
STROUDSBURG
PHILIPSBURG
224
BELLEFONTE
SHAMOKIN
TAMAQUA
EAST PENN
110
MARTINS CREEK
STATE COLLEGE
SELINSGROVE
GORDON
BLATINGTON
EASTON
ALLENTOWN-BETHLEHEM
WASHINGTON 75
OVER
TO NO. ALTOONA
TO HARRISBURG
TO BUFFALO
TO ALBANY
TO STEWART
TO BRANCHVILLE
TO NEWARK
ALBANY 43
NEW YORK 79
BUFFALO 39
BUFFALO 260
PHILIPSBURG (VHF) V-108.7
● DESIGNATED RADIO FIX
R: EXTREMELY HAZARDOUS

ALBANY 43

C: COMPULSORY REPORTING POINT
NC: NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

PRESQUE ISLE 18

TICONDEROGA

GLENS FALLS(W)
206

FAIR HAVEN

RUTLAND

LEBANON(W)
209

TAN STATE

LEBANON

NEWPORT

CLAREMONT

HARTNESS

PISECO

PLATEAU

SACANDAGA PARK

GLENS FALLS

WARREN CO

STEENBURGH

GLOVE CITY

AMSTERDAM

BALLSTON SPA

VAUGHAN

LONG MEADOW

SARATOGA SPRINGS

EQUINOX

SCHUYLERVILLE

RAYDUK

FULCO

SCHENECTADY CO

FORT PLAIN

STONE ARABIA

SKY HAVEN

BRIGGS

COOPERSTOWN

INTERCITY

ALBANY
365
(1161)

BENNINGTON

KEENE

DILLANT-HOPKINS

STEVENS

BRATTLEBORO-HINSDALE

TROY

ALBANY
278 118.3

EAST GREENBUSH

SELKIRK

RENSSELAER

FAR VIEW FARM

ADAMS

TURNERS FALLS

ORANGE

GARDNER

VALLEY AIRPK.

WESTOVER AAF
272

PITTSFIELD

PILGRIM

LaFLEUR

HILLER

HALCOTT

MARGARETVILLE — FLEISCHMANNS

CATSKILL VALLEY

GREAT BARRINGTON

BARNES

WESTFIELD
230
(1161)

WESTOVER AAF
396-126 18

METROPOLITAN

BROOKFIELD

SOUTHBRIDGE

E BROOKFIELD

SPRINGFIELD

W. SPRINGFIELD

KINGSTON-ULSTER

COZINE

CONN

CANAAN

MILLERTON

BRADLEY
284 126 18

LOWLES

AGAWAM

KINSLEY

SIMSBURY

WOODSTOCK

LIVINGSTON MANOR

CLIFF HAVEN

AERO LAKE

ARLINGTON

NEW HACKENSACK

STEPHENSON

RENTSCHLER
254-126 18

NEWBURGH-WALDEN

NEW PALTZ

FREEDOM PLAINS

STEWART AAF (W)
335

WAPPINGERS FALLS

WINGDALE

HARTFORD
329
(1161)

WINDHAM

MONTICELLO

MONTGOMERY

LIME RIDGE

WATERBURY

WURTSBORO

STANTONS

STORMVILLE

BROOKFIELD

MERIDEN
18

BRAINARD
278 118.5

SALEM

MONTGOMERY NO 1

NEW HACKENSACK
236
(1161)

BETHANY

STARHAVEN

HUGUENOT

RANDALL'S

OLLEBURY

MERIDEN
278

MATAMORAS

STEWART AAF
396-126 18

DANBURY

YORKROE

DOANE

WATERFORD

GROTON
TRUMBULL

SOMERS

AMBER 7

NEW HAVEN

WEST HAVEN

ELIZABETH AAF

SUSSEX

CROTON

WESTCHESTER

MILFORD

WARWICK-WICKHAM

SPRING VALLEY

CHRISTIE

BRIDGEPORT
269 118.7

NY 3
DA

ALLENTOWN
320

NEW YORK
209

MILLER

NEWARK
341

PORT CHESTER

NEW YORK 79

MITCHELL AAF
227

MATTITUCK

EAST HAMPTON

SUFFOLK CO

WESTCHESTER CO
260

OVER

ALBANY

CONNECTICUT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BRADLEY (Windsor Locks)	284(126.18)	CI	3105,4495;126.18 (6-18)
BRAINARD (Hartford)	278(118.5)	C	(4);126.18,122.5,118.5
BRIDGEPORT ARPT	269(118.7)	C	(4);122.5,118.7
HARTFORD (Brainard)	329(HT)(116.1)	SBMRAZ-DTV, 323°, 2.3	(3), 116.1
MERIDEN FM	(- - -)	FM,244°,17.6	Hartford
MERIDEN ARPT	278	CI	3105,4495(days)
RENTSCHLER (East Hartford)	254(126.18)	CI	(3), 126.18
MASSACHUSETTS			
WESTFIELD (Barnes)	230(WJ)(116.1)	BMRLZ-DTV 27°, 1.7	(4), 116.1
WESTOVER(Chicopee Falls)(Army)	272 (DOJ)	BMRAZ;239°,2.7	(3)
Westover Fld	396(126.18)+	CA(ILS)(GCA)	(3),126.18(Appch cont.)
NEW HAMPSHIRE			
LEBANON	209(LP)	MHW	
NEW YORK			
ALBANY	365(AZ)(116.1)	SBRAZ-DTV	(3), 116.1
Albany Arpt.	278(118.3)	C, 196°, 3.1	(4);116.1,118.3,122.5
AURIESVILLE FM	(- - - -)	FM, 302°,27.2	Albany
COLONIE LFM	(- - -)	LFM,206°,5.7	Albany
GLEN FALLS	206(GB)	MHW	
MEDWAY FM	(. . - - -)	FM, 206°,27.6	Albany
NEW HACKENSACK	236(NX)(116.1)	SBRAZ-DTV 5°,5.3	(4). 116.1
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
SARATOGA SPRINGS FM	(-)	FM, 28°,24	Albany
STEWART FLD (Army)	335 (DMU)	MRLW	
Stewart Fld	396(126.18)	CA,125°,2.4	(3),126.18 (7-23)
WESTCHESTER CO (White Plains)	260	C	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (Chicopee Falls,Mass (L6)	109.9 (W)	333.8	239° Mag.	IM- (0.49)	MM- ·····(0.79)	OM- --(3.38)
	109.5 (W)	332.6	59° Mag.	IM- (0.02)	MM- ·····(0.72)	OM- --(4.42)
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (6)-3105, 4495, 6210, 31117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 148.58 mcs.

AIRPORTS: CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Bethany	1.3 N,hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
(P)Bradley (Windsor Locks)	2.8 WNW,RR, riv E	171	50h R1 S6	Antenna prior req. S. No fuel.
BRAINARD(Hartford)	2.8 SE,RR W	19	48h R2 L5 S6	80,91,100 oct.Dike E,N
(P) BRIDGEPORT	3.5 ESE	9	48h R1 L5 S4	80,91 oct.
Brookfield	0.3 S,RR,riv E		10 S6	80 oct.No sto.Data unver.
Canaan	1 N,RR W	680	24 S6	80,91 oct.No sto.Pole line SW.
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line WSW,SSE
Doane (Essex)	1.2 SW,RR E,N	30	21 S6	80,91 oct. Trees N. NW.
Groton Trumbull	2.8 SE,RR W	10	50h	(Groton)
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufbery (Wallingford)	0.5 WSW,RR E	80	22 S6	80 oct.No sto.Stacks S,
Meriden	2.7 SW,RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S N.
Monroe	0.7 SSE,rd E	620	20 S6	80 oct. Rd. W.
NEW HAVEN	3.5 SSE,riv W	4	42h S6	80,91 oct: ltd 100 oct. Pole line NW.
Rentschler (E.Hartf'd)	1 S,riv W	40	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E,lk NNE	400	21 S6	80 oct.
Simsbury	2.6 NNE,RR W	170	17 S6	80 oct.Trees SE.
Stephenson (Bristol)	1.6 ESE,RR N	240	18 S6	80, 91 oct.
Waterbury (Plymouth)	2.6 S,RR E,W	843	20 S6	80 oct.
Waterford	1.7 N,RR SSE	60	20 S6	80 oct.Trees,hill S.
West Haven	2.7 SW,hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC (not charted). ➔ New or revised data.

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Windham	3.5 NNW,hwy S	238	44h S1	80 oct.Trees NE,ENE.
MASSACHUSETTS				
Adams	1.3 SSE,RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S,riv E	50	16 S6	80 oct.Pole line SE.
BARNES(Westfield)	3 NNE,RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW,trk E	190	40 S4	80 oct.Poleline S,SSE.
Brookfield's	1 W,RR SW	680	20 S6	80 oct.P-line SW,W,NW.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.Poleline ENE. Hill NNE.Lgt acft only
Gardner	2 SW,hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW,riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (N.Brookfield)	6.5 NNW	600	35 S3	80 oct. Data unver.
La Fleur (Northampton)	1.2 ENE,riv SW, N	120	26 S4	80 oct.No sto.
Metropolitan(Palmer)	5 N,riv W	400	19 S6	80 oct.Hill N.
(P)Orange	1.5 SE,hwy SE	555	50h S1	80 oct.Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto.Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy N	1140	27 L3 S1	80 oct.Poleline N.
Southbridge	1 N	700	26 S4	Data unver.
Springfield	2.3 NE,RR S	205	26 S6	80,91 oct.Bldgs W
Stevens (N.Adams)	2.8 WSW,RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct.Wooded ridge SE,SW.
(A)Westover (Chicopee Falls) (A)	3.8 NNE,riv W	244	70h R3(L6)S6	73,91,100 oct.No sto.
West Springfield	1.5 N,riv E	65	19 S4	Data unver.
NEW HAMPSHIRE				
Claremont	1.3 W,riv NE	520	28h S2	80,91 oct.Wooded ridge
Dillant-Hopkins(Keene)	2 S,riv,RR W	481	40h S6	80 oct. NNE
Brattleboro-Hinsdale (Hinsdale)	2.7 NW,RR W	360	18 S4	80 oct.Ldg flares prior req.
Keene Arpk.	3 NW,RR W	500	21 S6	No fuel or sto.100' hill
Lebanon	3.3 WSW,RR N	579	40h L5 S4	80 oct.Rdo repairs SE.
Newport	2 NNW,RR W	780	26 S4	80 oct.Pole line E.
NEW JERSEY				
Sussex	1.2 WSW,RR S	420	25 S1	80 oct.200' knoll NNE.
NEW YORK				
Accord (NC)	0.7 N,RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE,RR W	220	23 S4	80 oct.Trees S.
(P)ALBANY	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF ENTRY.
Arlington(Poughkeepsie)	1.5 E,RR E	280	18 S2	80 oct.Pole-line NE,trees SW.
(P)Ballston Spa	3 N,RR E	433	40h L5 S6	80,91 oct.Fld lgts prior req
Briggs (Carlisle)	0.6 SE,RR W	1320	12	
Catskill (Cairo)	2 E,hwy S			ABANDONED.
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie(New City)	1.5 N,RR E	150	16 S4	80 oct.Poleline SW.
Cooperstown	1.4 NNW,RR SE	1680	16 L S4	80 oct,Pole S.Port lgts.
Cozi:o (Rhinebeck)	0.5 SE,RR W	200	20 S1	87 oct,Pole line W.
Cliff Haven (Accord)	11 W,RR S	260	16 S1	80 oct.
East Greenbush	0.8 NW,RR W	260	38 L S6	80 oct.Port rnwy lgts.
(A)Elizabeth (Fisher's Island) (*)	W end Island	7	29h LA	No bcn. P-line N.
Farly's (New Baltimore	3 S,RR W	10	20 S1	80 oct.Trees N.
Ft.Plain F L,40A, CV-4Z	3 NNW,RR NE	680	35 L3	
Freedom Plains (Billings)	2 W,rds N,E	340	11 S1	80 oct.Pwr line S.
Glens Falls,18,LG-UL	2.6 NW,rd S	474	36h L3 S6	80 oct.
Glove City(Gloversv l)	1.5 NE,RR S	850	17 S1	80 oct.
Halcott (Halcott Ctr.)	1 N		10 S1	80 oct.Data unver.
Hayduk (Herkimer)	0.6 SSW,RR N	400	12 S4	Ltd 80 oct.Poleline E.
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity(Schenectady)	3.6 SSE,RR NE	340	20 S4	80 oct.
Kingston	1.5 NW,RR S	150	17 S4	80 oct.Pole line NW.
(P)Kingston-Ulster	2.7 N,RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge (Beekman)	1.3 SE,RR S	420	16 L2 S6	80 oct.All lgts prior req

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Livingston Manor	0.5 SE,RR W		21h S4	80 oct.,91 oct req.Data
Long Meadow (Rexford)	1.5 NE,RR N,W S.	360	17 S1	80 oct.Poles unver, NNE.
Margaretville-Fleischmanns (Margaretville)	0.2 S,riv W		21 S4	80,91 oct.No sto.P-line NE.Data unver.
Miller (Nyack)	1.8 WNW,riv E	70	17 S6	80 oct.No sto,P-line SW
Millerton	1.5 N,RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW,riv W	393	22 S6	80 oct.Trees N,brush E.
(A)Montgomery U.S.Mil. Academy #1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan Co.	1.4 S,RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts. Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW,riv W	404	32 S6	80,91 oct,Obsts sur fld.
(P)New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W,RR E	190	20 S1	80 oct.
Pisco	0.5 N,hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau (Northville)	2.5 E,riv ESE	1040	24 S6	80,91 oct. NNE. Trees S.
Randall's (Middletown)	1.8 ESE,RR NW	520	20 S2	80 oct.
Ravena	1.2 N,riv 2 E	180	14 S2	80 oct.Lgt acft only.
Rockland (New City)	1 SSE,RR E	240	14	Trees W,hwy E.(NC)
Sacandaga Park (Northville)	1 SW,RR W	770	13 S1	80 oct.Pole line WSW.
P)Schenectady Co.	3 N,RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S,riv E	100	29	Trees N,S.
Selkirk	2.7 E,riv E	160	22	Trees N.
Sky Haven (Delanson)	0.9 NW,RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE,RR E,S	568	30 S4	80 oct,No sto.
Stanton's Newburgh Cub Port (Newburgh)	5.3 NW,RR S	520	12 S2	80 oct.Treps S.
Starhaven(Middletown)	1.3 NW,RR SW	750	29	Trees SW,SE,NW,RR N.
Steenburgh Avia.Svc. (Gloversville)	1.5 ENE,RR N	900	8 S1	80 oct.
(A)Stewart(Newburgh)(A)	4 W,hwy N	474	61h R1 L5 S6	100 oct
Stone Arabia(Ft.Plains)	3.6 ENE,hwy E	880	18	Pole line NNW.
Stormville	1 ENE,RR S	350	23 S4	80 oct.No sto.Trees NE
★ Ticonderoga Int,22, LG-UL	2.7 NNE,rd E	210	32 L3	Obsts sur fld.
Troy	2 SSE,riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park (Middleburg)	1.5 NNW	635	16	Data unver.
Vaughan(Johnstown)	1 E,hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A)Wallkill,U.S.Mil.Acad. #2 (A)	3 NW,riv E	340	35h	CLOSED.
Wappingers Falls	0.9 SE,rd S	152	21 S4	80 oct.P-line E,W,S.
WARREN CO (Glens Falls)	2.4 NNE,rd N	325	40h L5 S1	80 oct. Lgts prior req.
Warwick-Wickham	4.5 NE,RR W	540	24 S4	80 oct. Ridge N.
Westchester(Armonk)	0.5 SSE,riv E	380	23 S6	80,91 oct.Trees sur fld.
(P)Westchester Co.(White Plains)	4 NE,lake W	435	50h R1 L5 S6	80,91 oct days:100 oct, FEE.
White (Bedford)(NC)	3.6 SE,hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct.No sto.ROTOR.
Wurtsboro	2 NE,RR E,SE	560	31 S6	80 oct.Obsts sur fld.
PENNSYLVANIA				
Matamoras	0.5 SSE,riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req
VERMONT				
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E,riv E,N	700	18 S6	80 oct.Poleline,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW,riv E	570	20 S6	80 oct.
Rutland	5.8 SSE,hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW,riv,RR E	540	19h S6	80 oct.Hill NW prior req
Spring Valley (N.Y.)	0.3 E			Fuel,sto.Data unver.
Hammonasset(Madison Conn)	2 E; hwy N	15	12 S1	80 oct. Trees W
Croton Air Park (Peekskill,N.Y.)	4.8 SW,riv SW	280	13	Hill SW.
East Hampton(N.Y.)	2.5 W;RR S	40	25 S4	80 oct. No sto.
Mattituck (N.Y.)	0.8 ESE;bay S	12	25 S6	80,91 oct.Poles N.
Suffolk County (Westhampton Beach,N.Y.)	2.6 N	69	50h	
Amsterdam (N.Y.)	6 N,rd NW	887	18 S6	80 oct.Use strips only.
Milford,(Conn.)	1.5 SSW;RR NW	10	20 S1	80 oct.
Tier Airstrip (Cheshire Conn)	0.8 NNE;hwy W	200	14	W blocked.Use in emerg.
Fulco(Johnstown,N.Y.)	1 SE;hwy S	840	22 S4	80 oct.No sto.Data unver.

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BRUNSWICK (ARINC)	382 (NSM)	SRAZ; 84°, 4	(3)
PORTLAND	206 (PW) (116.1)	BMRLZ-DTV, 149°, 2.2	(4); 116.1
YARMOUTH FM (Navy)	(- - -)	FM, 264°, 11.4	Brunswick NAS.

MASSACHUSETTS

BEDFORD (Navy)	322 (DBH)	MH	Operates cont.
Bedford AAF	212 (126.18)	CA	(3); 126.18
BOSTON (Logan)	263 (BW) (116.1)	SBRAZ-DTV	(3); 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18 116.1)	AC: 238°, 1.4	(4), 122.5, 126.18, 118.1. 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3), 142.74, (8-1630, Mon-Fri.)
SQUANTUM (Navy)	472 (NZW)	BMRLZ	(3): 142.74 fit opers.
Squantum NAS	323 (142.74)	CN, 321°, 3.7	3105, 4493; 142.74 (8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°, 14.2	Concord
CONCORD	251 (CN) (116.1)	BMRLZ-DTV 332°, 1.9	(4), 116.1
GRENIER (Manchester) (Army)	338 (DUR) (116.1)	SBMRAZ-V	(3). 116.1
Grenier Field	278 (126.18, 116.1)+	CA (ILS), 352°, .4	(3): 126.18, 116.1

RHODE ISLAND

CHARLESTOWN NAAS	3295 (142.74)	CN (GCA)	3105; 142.74
GREENE (Providence)	278 (118.9)	C: 47°, 3.2	(4); 118.9, 122.5
PROVIDENCE (Greene)	347 (PR)	MRLWZ	
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105; 142.74
Quonset Point NAS	227 (142.74) (126.18)	CN, 339°, 2.2	(3); 142.74, 140.58, 126.18

NEW AND CHANGED FACILITIES

DEDHAM, Mass. FM	- - - - -	FM; 238°, 14.4	Boston
MOOSUP, Conn. FM	(- - - -)	FM, 286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (Manch. N.H.)	109.5 (W)		352° Mag.	IM- (0.02)	MM- (0.71)	OM- (5.00)
				MMK-201 (0.71)	OMK-219 (5.00)	
				IM-	MM-	OM-
				MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster (Stonington)	1 NE, RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW, RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, 14, LG-BW	1.7 WSW; riv E	460	22 L3	Pole line N; poles NE.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC-(not charted). → NEW OR REVISED DATA

BOSTON

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW; RR NW	110	22 S2	80 oct. Pole line SE.
→ Brunswick NAS	1.5 SE; RR N	77	60h R1	91, 100 oct.
Douglas (Brunswick)	3.5 W; RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW; RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2 S; rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting (Bowdoinham)	1 SSE; riv E	60	18 S1	80 oct. Trees N, S.
PORTLAND	2 W, riv E	60	43h R1 L5 S6	80, 91 oct.
→ Port of Maine (South Portland)	1.8 SSW, RR E	40	28 S6	80 oct. Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW, RR S	60	18 S4	80 oct. No sto. Trees NNW
(P) Sanford	4 SE, hwy N	243	60h L5 S6	80, 91 oct.
Scarboro	2 W, RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW, RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW, RR W, E	700	15 S1	80 oct. Lgt acft only.
(A) Bedford AAF (A)	1 S	128	50h R2 L5 S6	80, 100 oct.
(CG) Beverly	3 NW, lake E	108	50h L5 S1	80, 91 oct.
Bolton (Clinton)	2.3 NE, RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W, riv W	50	21 S6	80, 91 oct
Brockton	2 S, hwy E	128	22 S6	80 oct. Poles E, W. Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club (Wareham) (NC)	1.3 E, riv S	25	17	Pole line, trees N
Chatham	1.7 WNW, hwy S	66	14 S4	80 oct. Pole line N
Eastham Thundertown	5 N	45	16 S3	(Orleans) Data unverif.
Edgartown	2 S, rds E, NW	20	30 S4	80 oct. Poleline E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unverified
Fitchburg	2.5 SE, bet RRs	334	45h S6	80 oct Knolls, dike S.
(A) Fort Devens AAF (A) (Ayer)	1.5 NW, riv. W	268	52h	
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE, NW	140	20 S6	80 oct. Pole line S
Grafton (No Grafton)	0.7 SSW, riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW, RR W	280	28 S6	80 oct
Haverhill	2 NNE, lake S	125	17 S6	80 oct Stack S; pole line NW
HYANNIS	1.2 N, RR E	56	41h S4	80, 91 oct.
King (Taunton)	4.5 ESE, RR N	45	26 S6	73 oct. Poleline NNE
(P) LAWRENCE	2.5 ENE, lake E	155	40h L5 S6	91 oct. Pole line SSE
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(A) LOGAN (Boston)	1.5 E in harb	12	70h R2 (L5) S6	80, 91, 100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE, RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E, RR WSW	265	15 S2	80 oct Ridge SSE, NNW
(N) MARTHA'S VINEYD. → (Vineyard Haven)	4.3 S, rd S	68	38h L5 S2	80, 91 oct. Lgts prior req. Obsts SE side TEMP
Mendon	0.3 S, lake W	450	18 S4	80 oct. No sto. P-line N, NW INACT. NO NAVY FACS
Myricks	0.8 N, RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE, rd N	47	40h L S6	80, 91 oct. Port lgts.
(P) New Bedford	2.5 NNW, RR W	78	50h L5 S2	No fuel.
North Shore (Essex)	Adj NW	20	15 S1	
Norwood	1.8 E, riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs	0.8 SW, rd W	20	20 S4	80 oct. Trees E, SE
(N) Otis NAAS (Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE, riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE, rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80, 91 oct. Port lgts, fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E, RR NE	110	24h S6	80, 91 oct. Ltd sto. Rnwy data unver. Trees NE, E, SE
Sherman Memorial (Mansfield)	3 SSW, RR W	130	17 S1	73 oct. Trees sur fld.
(N) South Weymouth NAF	1.5 SSE, RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	2 NE	1100	15	Data unverified
(N) Squantum NAS (N)	0.8 W, bay N	10	41h R2 L5 S4	91, 100 oct. No sto. No ngt flying. lgts prior req
Westboro	1.9 WNW, hwy N	310	13 S6	80 oct.
Wilkins (No. Attleboro)	2 NE, lake NW	200	18 S6	80 oct. Poleline ESE
WORCESTER	3.5 W, RR SE	1009	55h	

NEW HAMPSHIRE

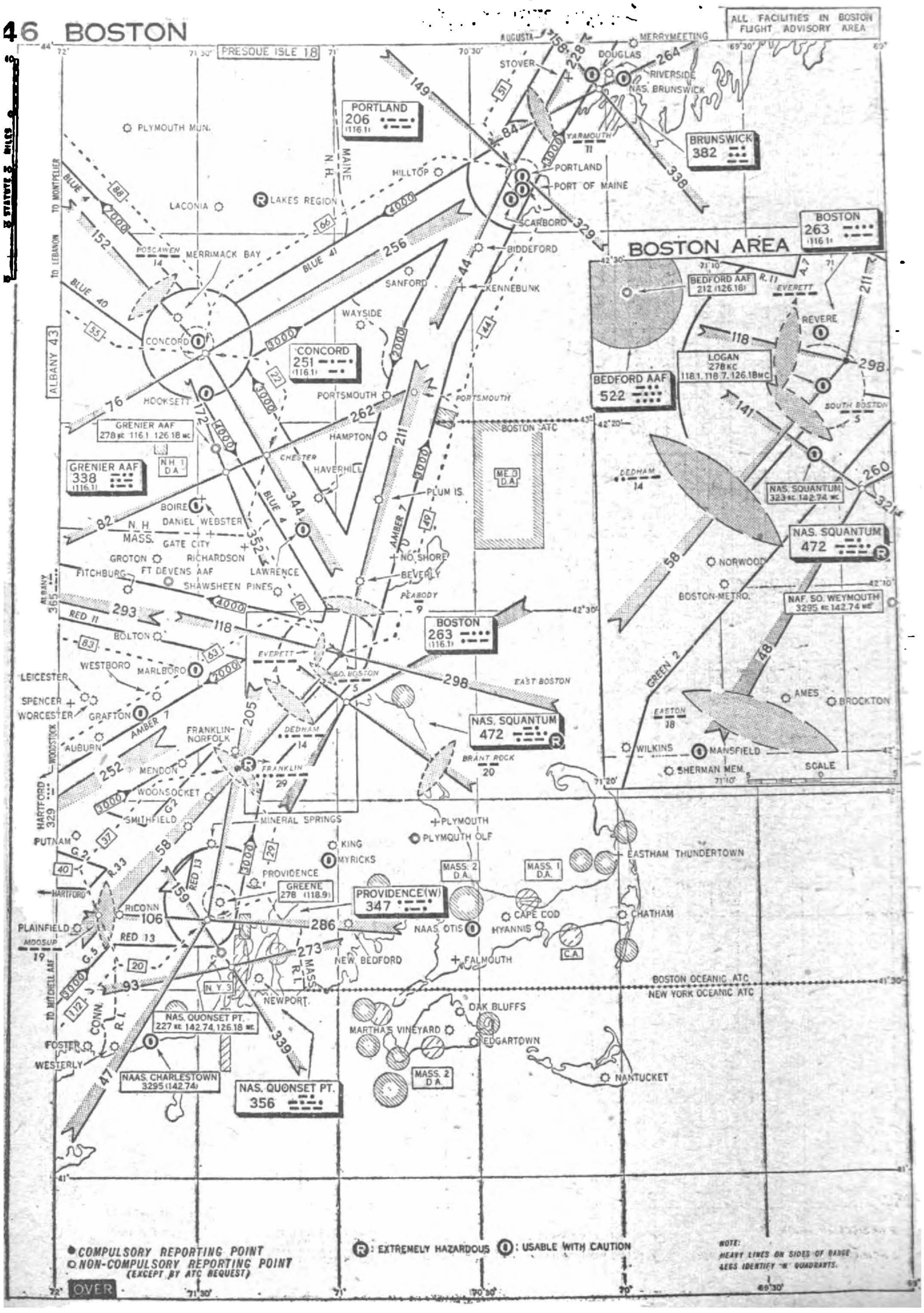
Boire (Nashua)	2.8 WNW, RR N	185	20h L3 S6	80 oct. Lgts prior req. P-line S
CONCORD	1.5 E, riv W	346	40h R1 L5 S6	80, 91 oct
Daniel Webster (Nashua)	3.5 NW, riv E	192	24 S6	80, 91 oct. Data unverified
Gate City (Nashua)	4 S		23 S4	80 oct. Data unver
(A) Grenier (Manchester)	4 S, RR E	230	70h R3 L5 S6	73, 91, 100 oct. (A)
Hampton	1.6 N, RR W	60	22 S5	80 oct. No sto. Trees N, S.
Hooksett Land & Seaplane	2 S, RR E	187	32 S6	80 oct. No sto.
Laconia	3.8 NNE; RR S	536	35h L5 S6	73, 80, 91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W, RR E	580	14 S1	80 oct. No sto.
Merrimack Bay (Concord)	5 NNW, RR W	260	15 S2	80 oct. Poleline S.
Plymouth Mun. Arpk	3.5 WNW, RR N	506	18 S2	Ltd 80 oct. Poleline N
(P) Portsmouth	3 W, bay W	94	50h L5 S6	80, 91 oct.
Wayside (Sommersworth)	2.4 W, RR N	200	12 S2	80 oct. Trees SSE.

[redacted]

(N) Charlestown NAAS (N)	1.9 SW, hwy N	32	58h R1 (L5) S1	91, 100 oct. No bcn.
GREENE (Providence)	7 S, RR W	53	41h R1 L5 S6	80, 91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80, 91 oct. Emerg lgts only.
Mineral Springs (Providence)	4.6 NW, hwy E	240	11 S4	73 oct. No sto. Trees surround field
(N) Quonset Point NAS → (Providence) (N)	16.5 S	14	60h R2 L5 S6	91, 100 oct. NATS
Riconn (Greene)	1.8 WNW, RR S	390	15 S4	80 oct.
Smithfield	1 NE, RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E; riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N) Plymouth, Mass. OLF (N)	4.5 SW	140	28	



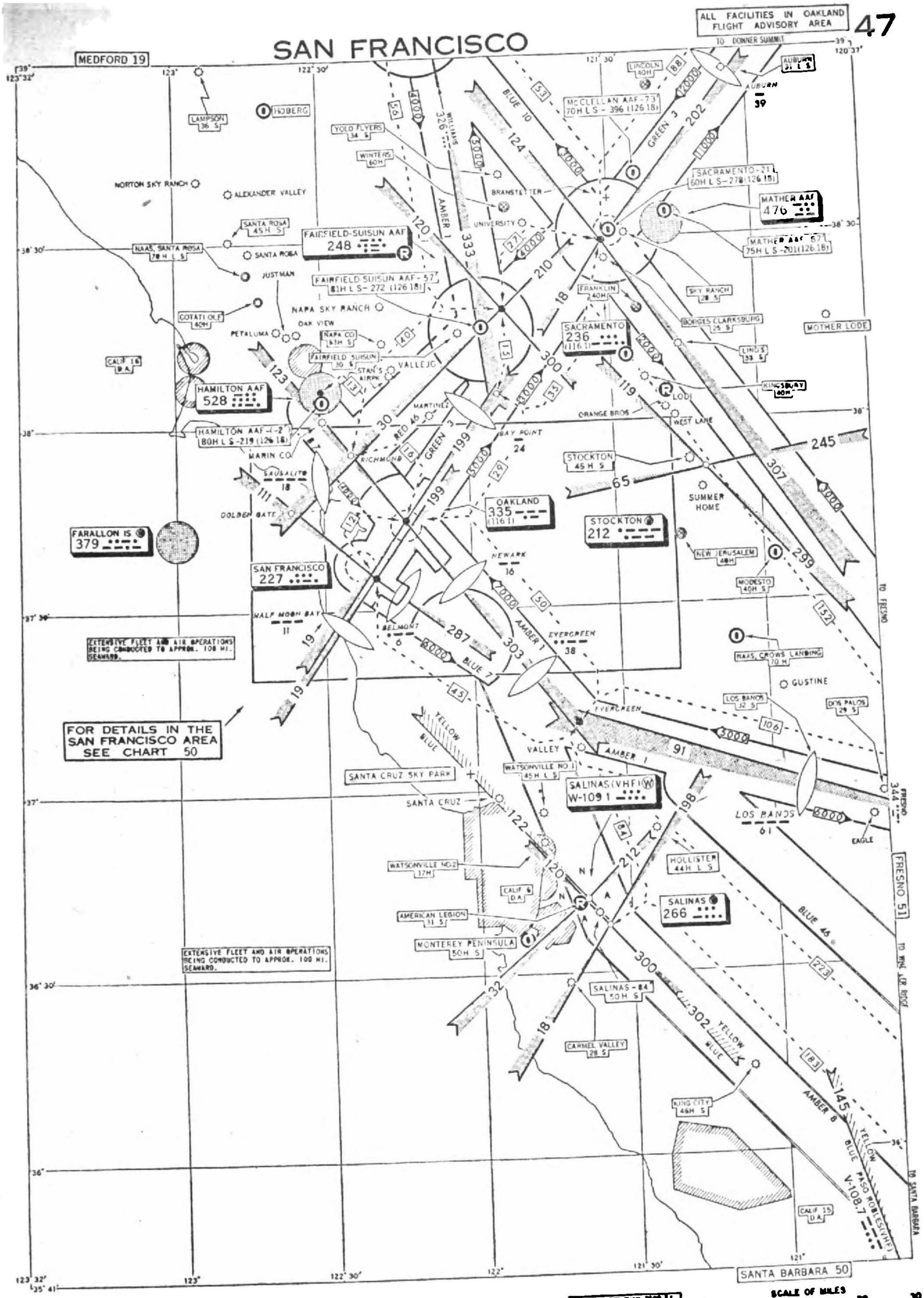
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

OVER

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 8 CHANNELS.

RADIO ... CALIFORNIA

LOCATION	FREQ., IDENT.	STA CLASS, BEAR. & DIST	FREQS GUARDED, HRS OF OPER., REMARKS
AUBURN FM	(-)	FM, 220°,39	Sacramento
BAY POINT FM	(-)	FM, 190°, 24	Oakland
BELMONT FM	(- - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(- - -)	FM, 123°, 37.5	Oakland
→ FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3).4220.126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS)(GCA).210°.4.7	(3) 4220 126 18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3).126 18 4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA; 298°, 8.9	(3). 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3). 126 18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX,199°,0.2	(4). 116 1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-VDT	(3); 116.1
Sacramento Airport	278 (126 18)	C; 220°, 1 7	(4);126.18
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(JW)	MRLW,285°,3.1	
SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs.)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
→ FAIRFIELD AAF, CALIF. (L6)	110.3 ·:=·Ⓦ	335	210° Mag.	IM (0.3)	MM- (1.1)	OM-	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS ... CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	INACTIVE. Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h 3(L6)S4	73,91,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	38 S2	80 oct.Poles SE.

AIRPORT CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(A) Lincoln (Sacramento) (A)	3.2 WNW,RR NE	120	40h	CLOSED
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct,No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan(Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW. TEMP
(A) Mather(Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto. INACT NO NAVY FACS.
→ MODESTO NAAS	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req.Data unver.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct No sto.Fld lgts prior
→ Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole line SE.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct No sto.Port rnwy lgts. Poles E.
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N, hwy E		21h S2	80,91 oct. Data unver

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (See page 1x) NC-(not charted) → New or revised data

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-VDT	(3); 116.1
→ Bakersfield Kern Co.	278 (118.5)	C (ILS);141°, 1.5	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
→ MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
→ PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAF	338 (142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.0	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
SANTA BARBARA	230(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-18)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BAKERSFIELD, CALIF.(Kern Co.)	109.9 (W)		300°Mag.	IM- (0.07)	MM- ····· (0.80)	OM- -- (4.71)
					MMK-	OMK-
→ OAKLAND, CALIF	109.9 (W)		273°Mag.	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range **and** Voice; **W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.**
Parenthetical Numbers **in** Frequency **Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1,** 137.88, **140.58 mcs.**

AIRPORTS — CALIFORNIA

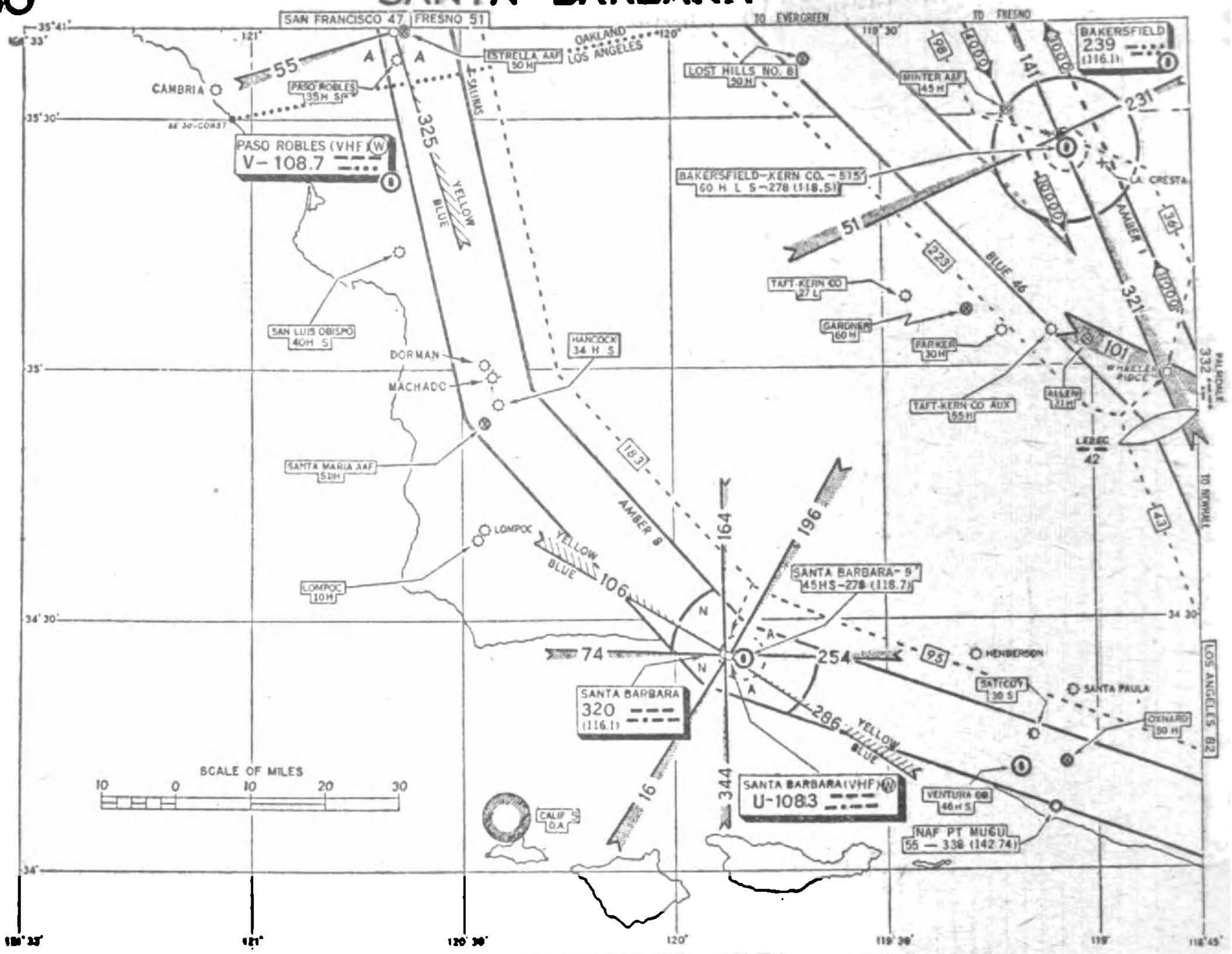
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft) (A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
→ Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	1.5 NW,hwy S	22	50h	
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)(A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED
→ Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	Lgts prior req. 80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40	Closed-use in emergency only.
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data

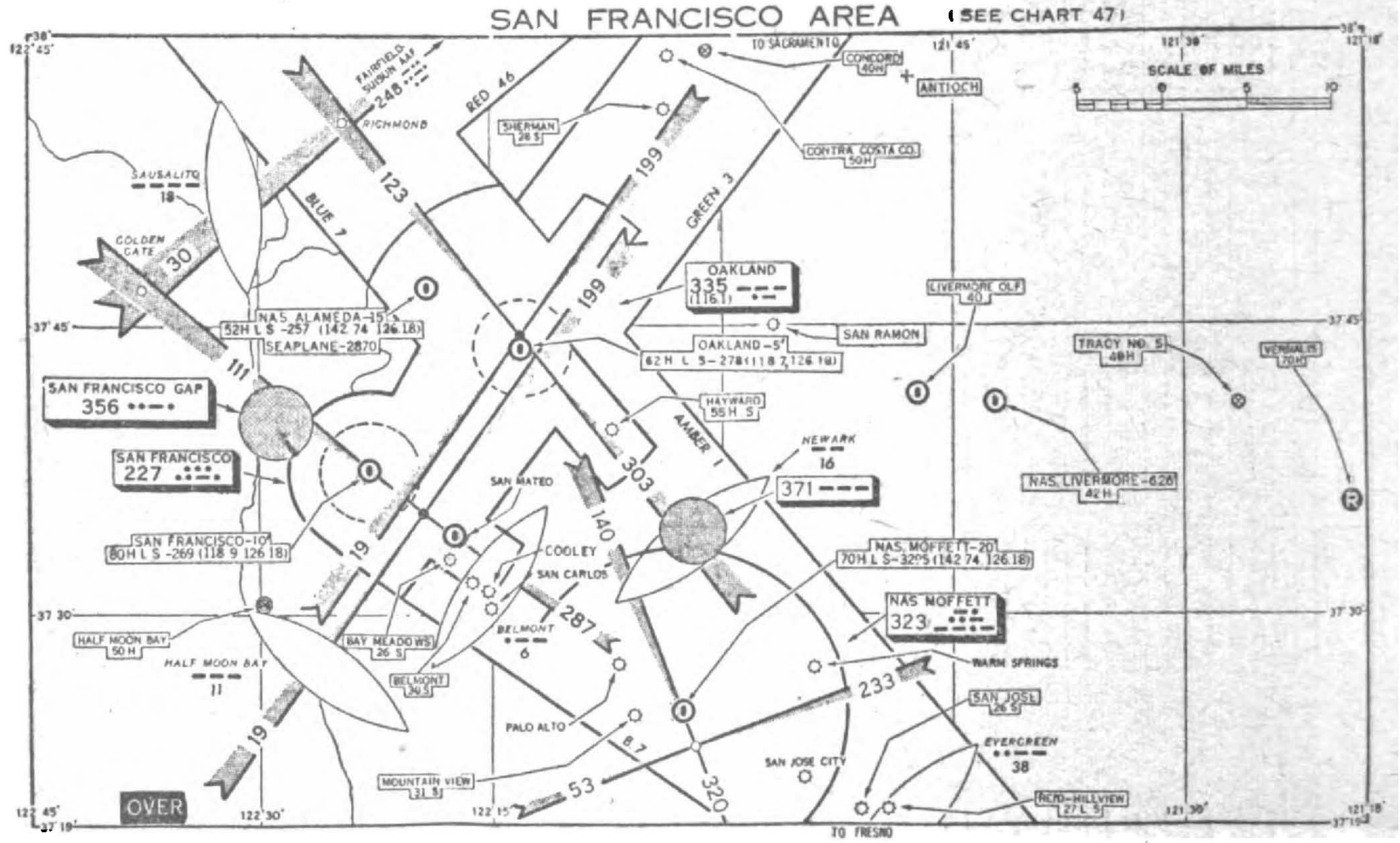
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain → View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland NAS	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct.
(N) Point Mugu NAMTC (N)	3.6 NW		55 R1	Twr,hi-linc E.CLOSED
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 47)

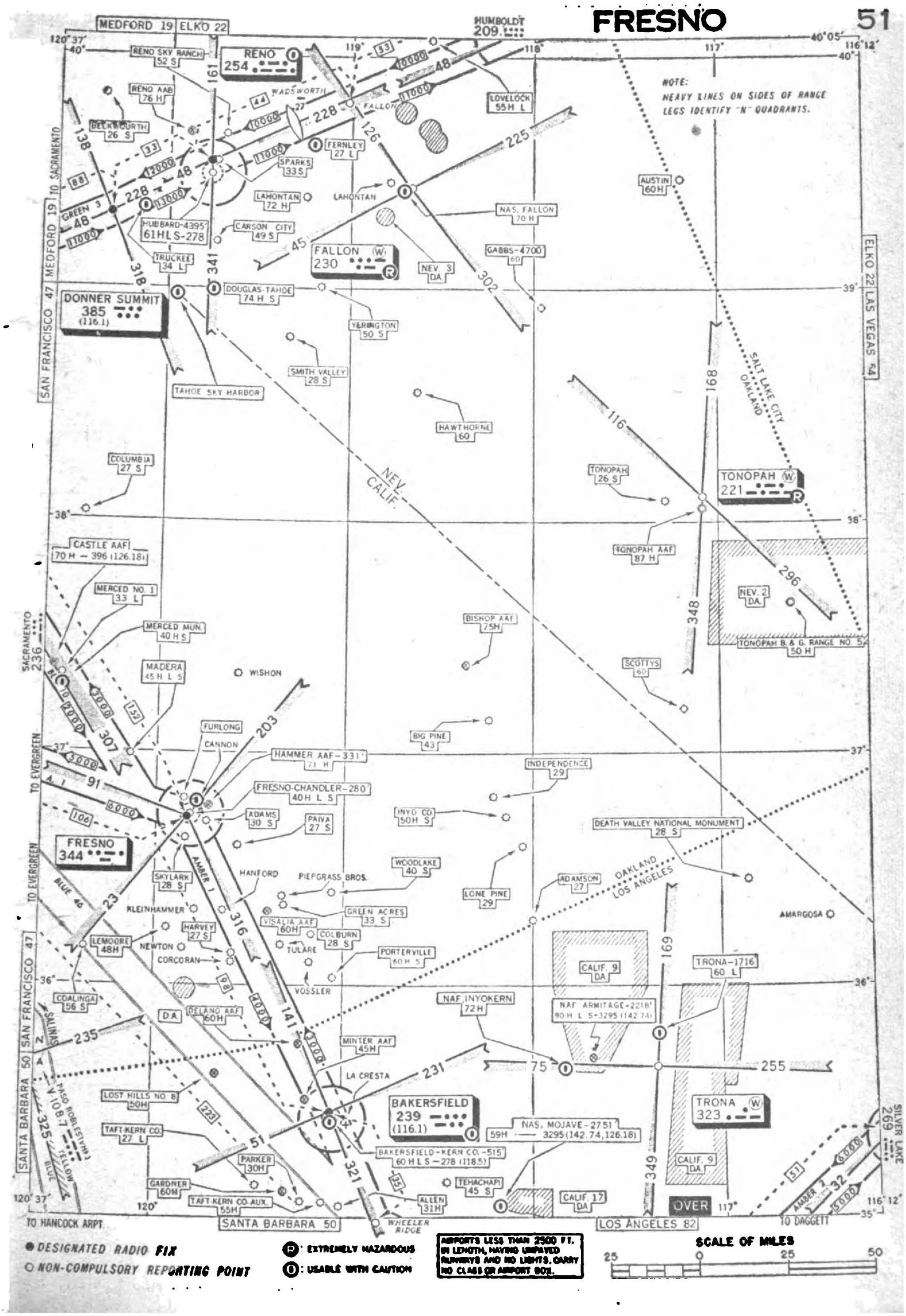


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

OVER:
HEAVY LINES ON EDGE OF CHART LESS ACCURATE & DOUBTFUL

AIRSPACE LESS THAN 1500 FT. OR LIMITED, HAZARDS SUSPECTED, REPORTS AND NO REPORTS, CHECK THE CLOSED OR RESTRICTED AREA

Ⓡ EXTREMELY HAZARDOUS
Ⓓ USABLE WITH CAUTION


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO SKY RANCH 52 S
RENO 254
RENO AAB 76 H
BELLMONTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
NAS. FALLON 70 H
HUBBARD-4395' 61 H L S-278
CARSON CITY 49 S
FALLON (W) 230 (R)
GABBS-4700 60
TRUCKEE 34 L
NEV. 3 DA.
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE 60
SALT LAKE CITY OAKLAND
SAN FRANCISCO 47 MEDFORD 19
ELKO 22 LAS VEGAS 54
NEV. CALIF.
COLUMBIA 27 S
TONOPAH 26 S
TONOPAH (W) 221 (R)
TONOPAH AAF 87 H
CASTLE AAF 70 H — 396 (126.18)
MERCED NO. 1 33 L
NEV. 2 DA.
TONOPAH B. & G. RANGE NO. 5 50 H
BISHOP AAF 75H
SCOTTYS 60
SACRAMENTO 236
MERCED MUN. 40 H S
MADERA 45 H L S
WISHON
BIG PINE 43
FURLONG
CANNON
HAMMER AAF-331' 71 H
INDEPENDENCE 29
TO EVERGREEN
FRESNO-CHANDLER-280' 40 H L S
ADAMS 30 S
PAIVA 27 S
INYO CO 50 H S
DEATH VALLEY NATIONAL MONUMENT 28 S
FRESNO 344
SKYLARK 28 S
HANFORD
PIEPGRASS BROS.
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
KLEINHAMMER
GREEN ACRES 33 S
AMARGOSA
HARVEY 27 S
LEMOORE 48H
NEWTON
CORCORAN
VISALIA AAF 60H
COLBURN 28 S
TULARE
PORTERVILLE 60 H S
CALIF. 9 DA
TRONA-1716 60 L
COALINGA 56 S
VOSSLER
NAF INYOKERN 72 H
NAF ARMITAGE-2218' 90 H L S-3295 (142.74)
DELANO AAF 60H
D.A.
MINTER AAF 45H
LA CRESTA
SALINAS
LOST HILLS NO. 8 50H
BAKERSFIELD 239 (116.1)
TRONA (W) 323
SILVER LAKE 269
TAFT-KERN CO. 27 L
NAS. MOJAVE-2751' 59H — 3295 (142.74, 126.18)
BAKERSFIELD-KERN CO.-515' 60 H L S-278 (118.5)
CALIF. 9 DA
PARKER 30H
TEHACHAPI 45 S
GARDNER 60H
CALIF. 17 DA
TAFT-KERN CO. AUX. 55H
ALLEN 31H
OVER
TO HANCOCK ARPT.
SANTA BARBARA 50
WHEELER RIDGE
LOS ANGELES 82
TO DAGGETT
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(P): EXTREMELY HAZARDOUS
(D): USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-DTV	(3); 116 1
Bakersfield Kern Co.	278 (118.5)	C(ILS); 141°, 1 5	(4), 126 18,118 5,122 5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126 18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116 1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°,0.9	(4)
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126 18,142 74
TRONA	323 (EW)	SMRAWZ, 349°, 11	

NEVADA

FALLON	230 (VA)	SRAWZ, 219°, 2.9	
GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun (6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3 3	(4); 116 1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 46°, 27	Reno

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPN. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD, CAL. (Kern Co.)	109.9 (W)		300° Mag.	IM- (0.07)	MM- ·····(0.80)	OM- ——(4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker, (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117 5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + —Army A.C.S. transmits on and guards 116 1, 137 88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218		CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N, W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto. Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	28 S2	87, 100 oct.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct. No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS

h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing. (See page ix) NC (not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW,RR SW	165	33 L3	No beacon
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED
(N) Mojave (N)	0.7 E;hwy W	2751	59h R1	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto. Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW,riv S	320	20 S2	80 oct.
(P) Porterville	3 SW,RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
* Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L. S6	80,91 oct. No sto. Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE Closed to Public
(P) Visalia	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW. Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
* Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAS	6 SE;hwy S	3931	70h	INACTIVE
* Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N,lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	61h R2 L5 S4	80,91 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW. Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
* Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230		80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

LAS VEGAS

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARIZONA			
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-VDT,142°,5.5	(4), 116.1
CALIFORNIA			
NEEDLES	400(NJ)(116.1)	BMRLZ-VDT,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-VDT,132°,1.9	(4), 116.1
NEVADA			
CRYSTAL FM	(-)	FM, 28°, 30	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-VDT	(3)131.7,116.1 only
→ Las Vegas AAF	278(126.18,118.7)H	C (ILS),34°, 1.9	(4);118.7,126.18,122.5 (8-24)
UTAH			
BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-VDPT,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-VDP,229°,7.8	3117.5;131.7,116.1, 129.7(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ LAS VEGAS AAF, NEV.	110.3 (W)	335	25° Mag R	IM	MM ---(0.66)	OM -- (4.2)
					MKR	OMK

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — ARIZONA

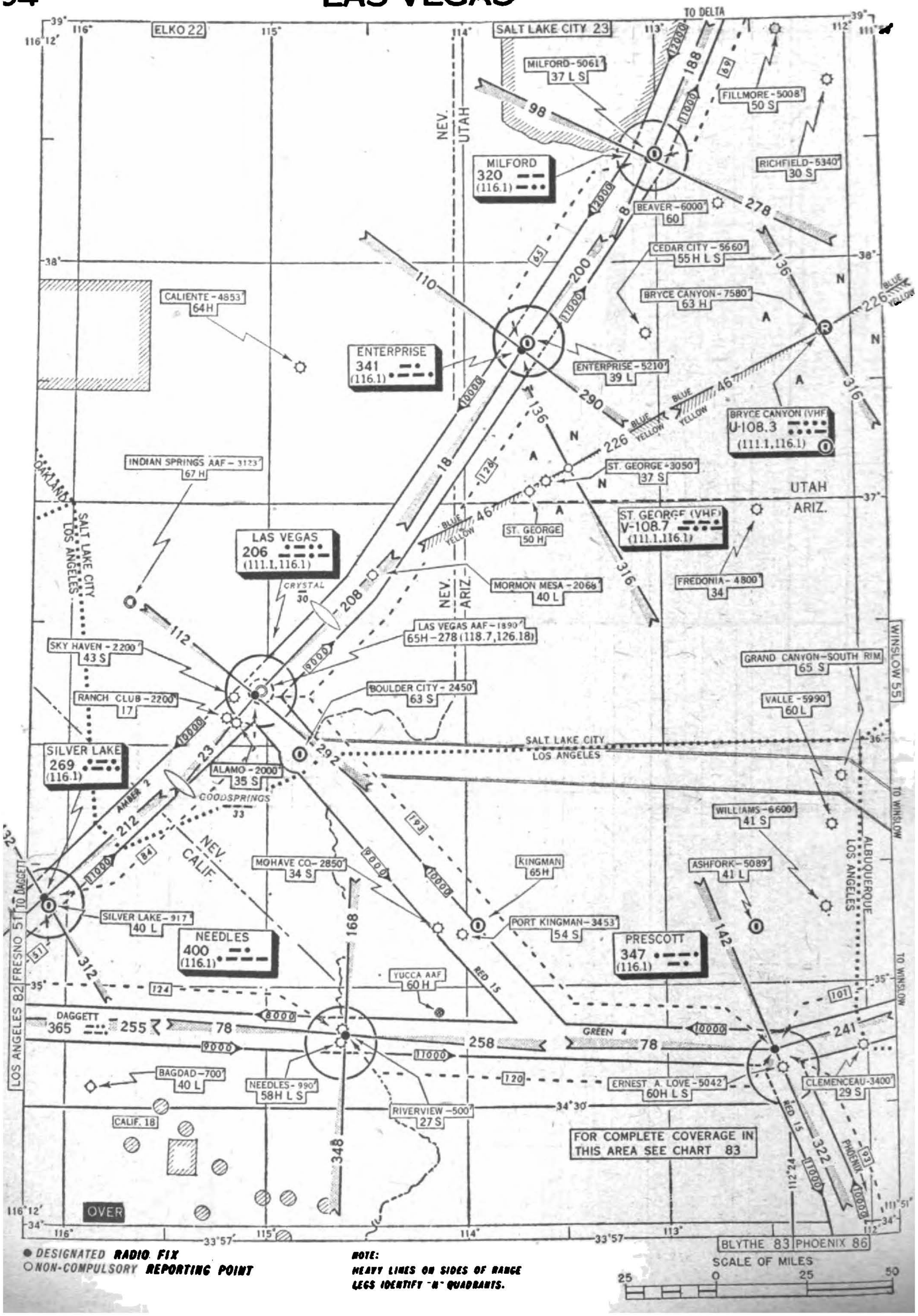
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-SQ	4.3 W,RR S	5089	41 L3	
Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	8.5 NW,hwy E	2850	34 S1	73 oct.

AIRPORTS — ARIZONA

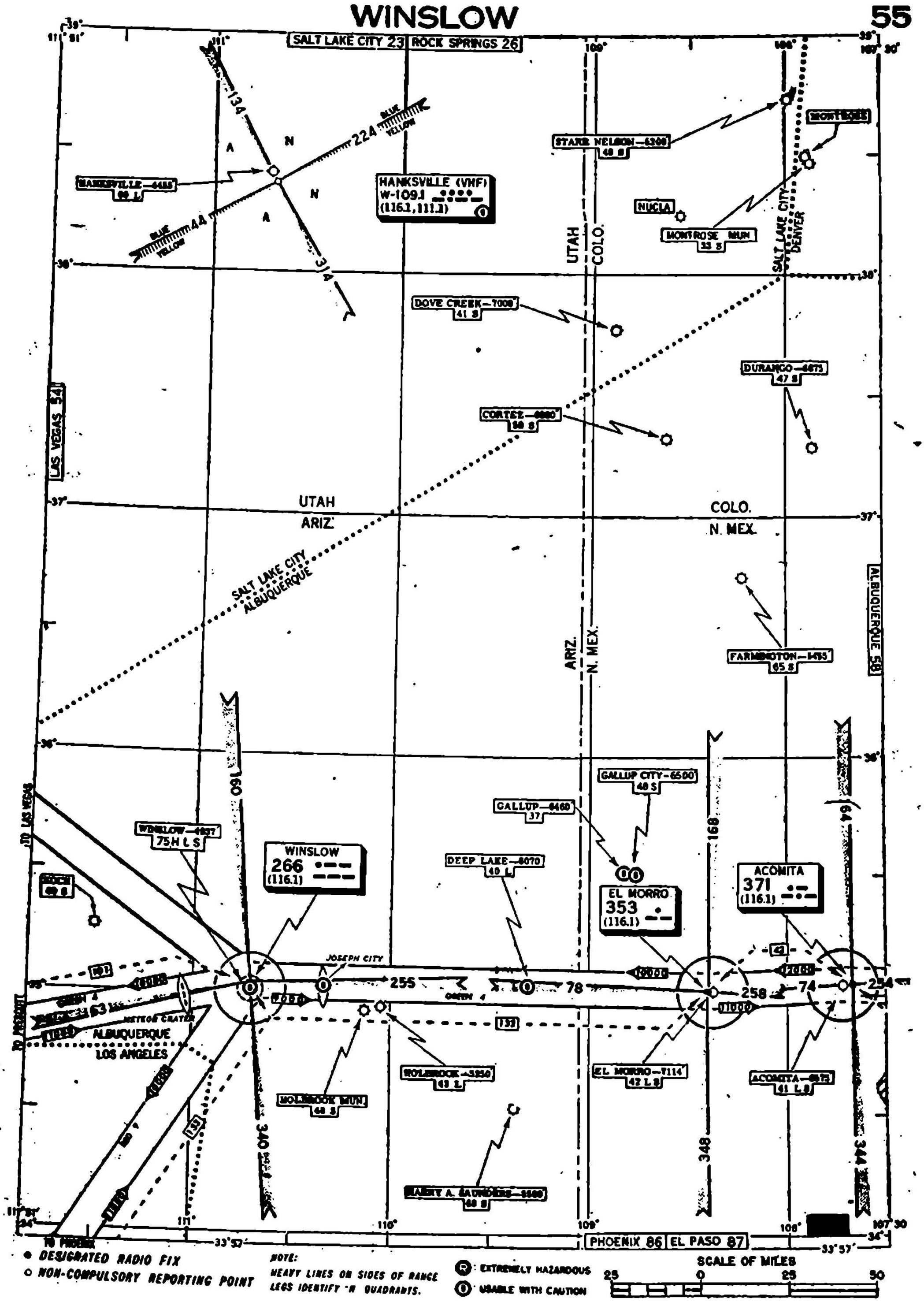
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E RR W	5990	60 L3	Fld lgts prior req.
Verde Valley (NC)	1.8 SE,riv W	3400	30	(Cottonwood)
→ Williams	4.3 N,RR E	6600	41 S6	80 oct.Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	
CALIFORNIA				
★ Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.
NEVADA				
Alamo (Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
→ BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
→ (A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3	100 oct.TEMP INACT, NO FACS
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)
UTAH				
Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
St.George	1.5 SSW,riv SSE	3050	37 L2 S4	80 oct.Fld lgts & svcg prior req.
* St.George Int,36, LA-DV	6 SE		50h	

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page IX) NC (not charted) → NEW OR REVISED DATA

LAS VEGAS


ELKO 22
SALT LAKE CITY 23
TO DELTA
MILFORD-5061'
37 L S
FILLMORE-5008'
50 S
RICHFIELD-5340'
30 S
MILFORD
320
(116.1)
BEAVER-6000'
60
CEDAR CITY-5660'
55 H L S
BRYCE CANYON-7580'
63 H
CALIENTE-4853'
64 H
ENTERPRISE
341
(116.1)
ENTERPRISE-5210'
39 L
BRYCE CANYON (VHF)
U-108.3
(111.1,116.1)
ST. GEORGE-3050'
37 S
UTAH
ARIZ.
INDIAN SPRINGS AAF-3123'
67 H
OAKLAND
LOS ANGELES
SALT LAKE CITY
LAS VEGAS
206
(111.1,116.1)
ST. GEORGE
50 H
ST. GEORGE (VHF)
V-108.7
(111.1,116.1)
CRYSTAL
MORMON MESA-2068'
40 L
FREDONIA-4800'
34
NEV.
ARIZ.
LAS VEGAS AAF-1890'
65H-278 (118.7,126.18)
SKY HAVEN-2200'
43 S
GRAND CANYON-SOUTH RIM
65 S
RANCH CLUB-2200'
17
BOULDER CITY-2450'
63 S
VALLE-5990'
60 L
SILVER LAKE
269
(116.1)
SALT LAKE CITY
LOS ANGELES
ALAMO-2000'
35 S
GOODSPRINGS
WILLIAMS-6600'
41 S
NEV.
CALIF.
MOHAVE CO-2850'
34 S
KINGMAN
65 H
ASHFORK-5089'
41 L
SILVER LAKE-917'
40 L
NEEDLES
400
(116.1)
PORT KINGMAN-3453'
54 S
PRESCOTT
347
(116.1)
YUCCA AAF
60 H
DAGGETT
365
BAGDAD-700'
40 L
NEEDLES-990'
58H L S
RIVERVIEW-500'
27 S
ERNEST A. LOVE-5042'
60H L S
CLEMENCEAU-3400'
29 S
CALIF. 18
FOR COMPLETE COVERAGE IN
THIS AREA SEE CHART 83
OVER
BLYTHE 83
PHOENIX 86
SCALE OF MILES
25 0 25 50
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "A" QUADRANTS.

WINSLOW


SALT LAKE CITY 23
ROCK SPRINGS 26
134
224
314
44
BLUE YELLOW
HANKSVILLE (VHF)
W-109.1
(116.1, 111.1)
STARR NELSON—6300
40 S
MONTROSE
NUCLA
MONTROSE MUN
33 S
UTAH
COLO.
SALT LAKE CITY
DENVER
DOVE CREEK—7000'
41 S
DURANGO—6675
47 S
CORTEZ—6600'
38 S
LAS VEGAS 54
UTAH
ARIZ.
COLO.
N. MEX.
SALT LAKE CITY
ALBUQUERQUE
ARIZ.
N. MEX.
ALBUQUERQUE 58
FARMINGTON—6455
65 S
GALLUP CITY—6500
40 S
GALLUP—6460
37
WINSLOW—6627
75 H L S
WINSLOW
266
(116.1)
DEEP LAKE—6070
40 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
HOLBROOK MUN
40 S
HOLBROOK—5250
43 L
EL MORRO—7114
42 L S
ACOMITA—6575
41 L S
MARY A. SAUNDERS—5100
40 S
JOSEPH CITY
255
78
258
74
254
ALBUQUERQUE
LOS ANGELES
METEOR CRATER
63
160
168
64
340
348
344
PHOENIX 86
EL PASO 87
TO LAS VEGAS
TO PHOENIX
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°, 18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-VDT	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-VDT, 254°, 1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-VDT, 78°, 0.1	(4), 116.1
UTAH			
→ HANKSVILLE Int	109.1(HY)(111.1) (116.1)	VAR-VDP, 314°, 2.8	(3) on req, 3117.5; 116 1, 131.7, 129.7

S-Simult Range and Voice. W Without Voice. Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column indicate VHF Voice + - Army A C S transmits on and guards 116 1, 137 83, 140 58 mcs

AIRPORTS

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ARIZONA				
Cameron (NC)	1.4 NE;hwy W	4200	50	
* Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct. Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct. 25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW,RR N	4937	75h R1 L5 S1	91 oct.
COLORADO				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E,road N	5200	40 S4	80 oct.
Montrose	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla	2.3 SSW,riv S	5910	36	
NEW MEXICO				
* Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct. in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
* El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5455	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Pole line WSW.
Indian Service (Shiprock) (NC)	1.8 SSW, riv N	5100	19	Pole line NW.
Aztec (NC)	2.2 NW on mesa	5700	28	Emerg only.
UTAH				
* Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (See page IX) (NC) Not charted. → NEW OR REVISED DATA.

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CD)	MRLWZ 166°, 3.9	
FOUNTAIN FM	(- - - -)	FM; 344°, 32.7	Pueblo
LA JUNTA AAP	281(LH)(116.1)	SBMRLZ-VDT 194°, 2.6	(4):116.1
PETERSON FIELD (Colorado Springs	272 (126.18)	CA	(4):116.1,126.18
→ PUEBLO	302(PU)(111.1,116.1)	SBRAZ-VDT; 340°, 2	(4);116.1,111.1,122.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-VDT; 170°, 3	(4):116.1

NEW MEXICO

ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-VDT; 354°, 3.1 (3); 116.1
CLOVIS (Army)	203 (DCV)	MRAWZ (3)
Clovis AAF	346(126.18)	CA; 34°, 6.2 (3);126.18
Clovis AAP	526 (DCV)	HW-DT; 130°, 1.6
JUAN TOMAS FM	(- -)	FM; 71°, 18 Albuquerque
KIRTLAND FIELD (Albuquerque)	278(126.18,118.7)+	AC (ILS) (4);126.18,118.7,122.1
LAS VEGAS	359(VH)(116.1)	SBMRAZ-VDT; 80°, 3.2 (4):116.1
MAXWELL FM	(- -)	FM, 170°, 54 Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BPRLZ-VDT; 140°, 0.2 (4); 116.1
PENALTA FM	(- - -)	FM, 174°, 11.6 Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MHVT (4); 116.1
TUCUMCARI	212(YC)(116.1)	SBMRAZ-VDT; 76°, 2.2 (4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ CLOVIS AAF, N. MEX.	109.9 (W)		33° Mag.	IM- (0.23)	MM- ·---· (0.86)	OM- --- (4.36)
					MMK-	OMK-
KIRTLAND, (Albuquerque, N. Mex.)	110.3 ·-··	335	349° Mag.	IM-	MM- ·---· (0.64)	OM- --- (4.32)
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 6495, 6210 kcs. (4) 3105, 6495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army ACS transmits on and guards 1.61, 127.65, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW. CLOSED
→ Black's (La Junta)	4.8 S;riv S S			ABANDONED
Costilla County(Mesita)	4 E; RR W	7750	75	
Crestone	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAP (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS
La Junta Bridges (La Junta)	3 SW; hwy W	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
(A) Las Animas (La Junta) (A)	19 NE	4119	70h	Las Animas 5.9 SSE. CLOSED
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N; hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

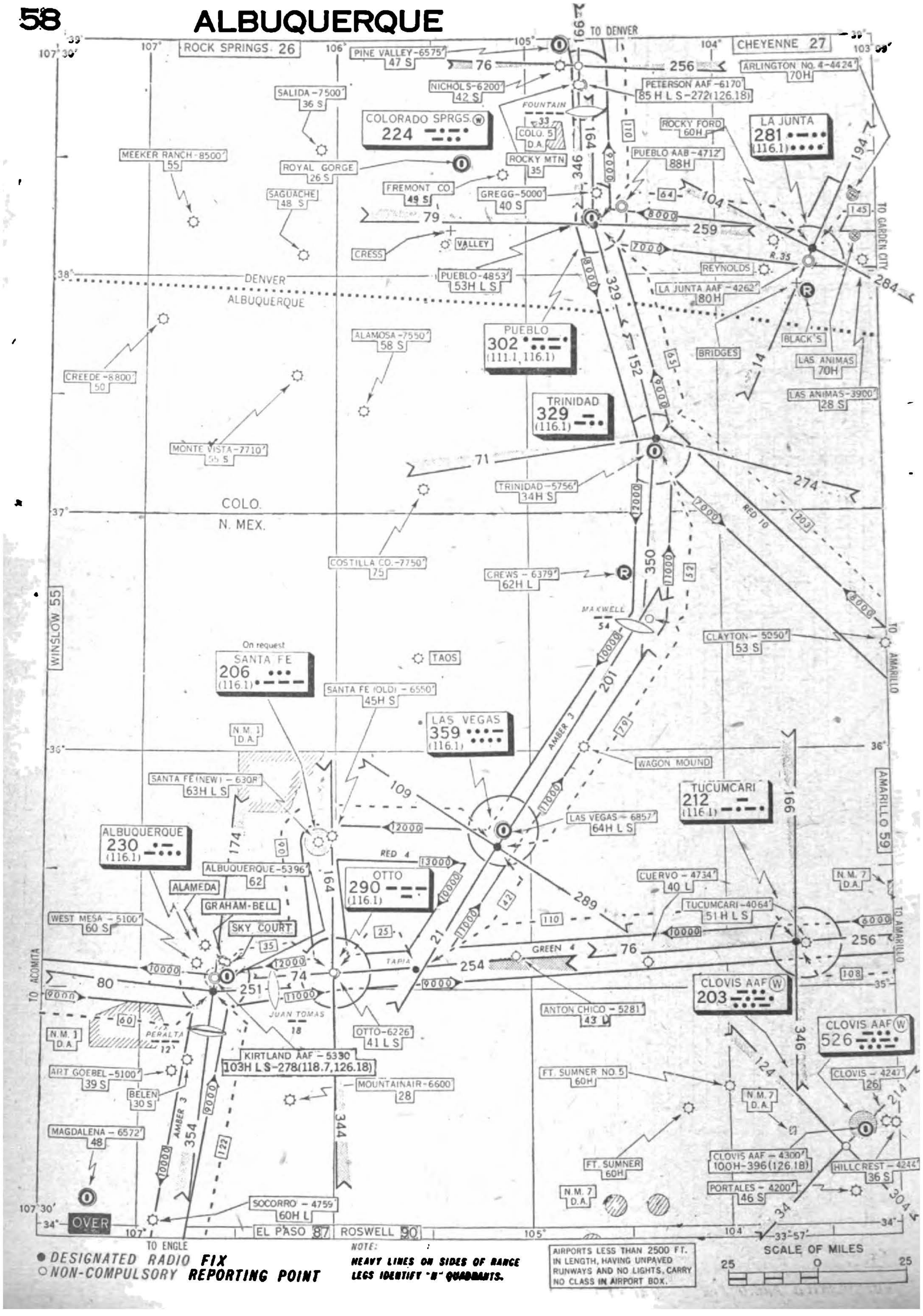
NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 R1 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	30 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
Clovis	0.8 NW;RR S	4247	26	
A) Clovis AAF (A)	6.5 W; RR N	4300	100hR3 L5 S6	73,91,100 oct.
P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	62h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	40	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE. Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto. Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt. SE
A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103hR3 L6 S6	73,91,100 oct. JP-1. No sto. Twrs on fld.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
SANTE FE (new)	5.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.Rnwy lgts on req.
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S; hwy E	4759	60h R1 L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Pence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

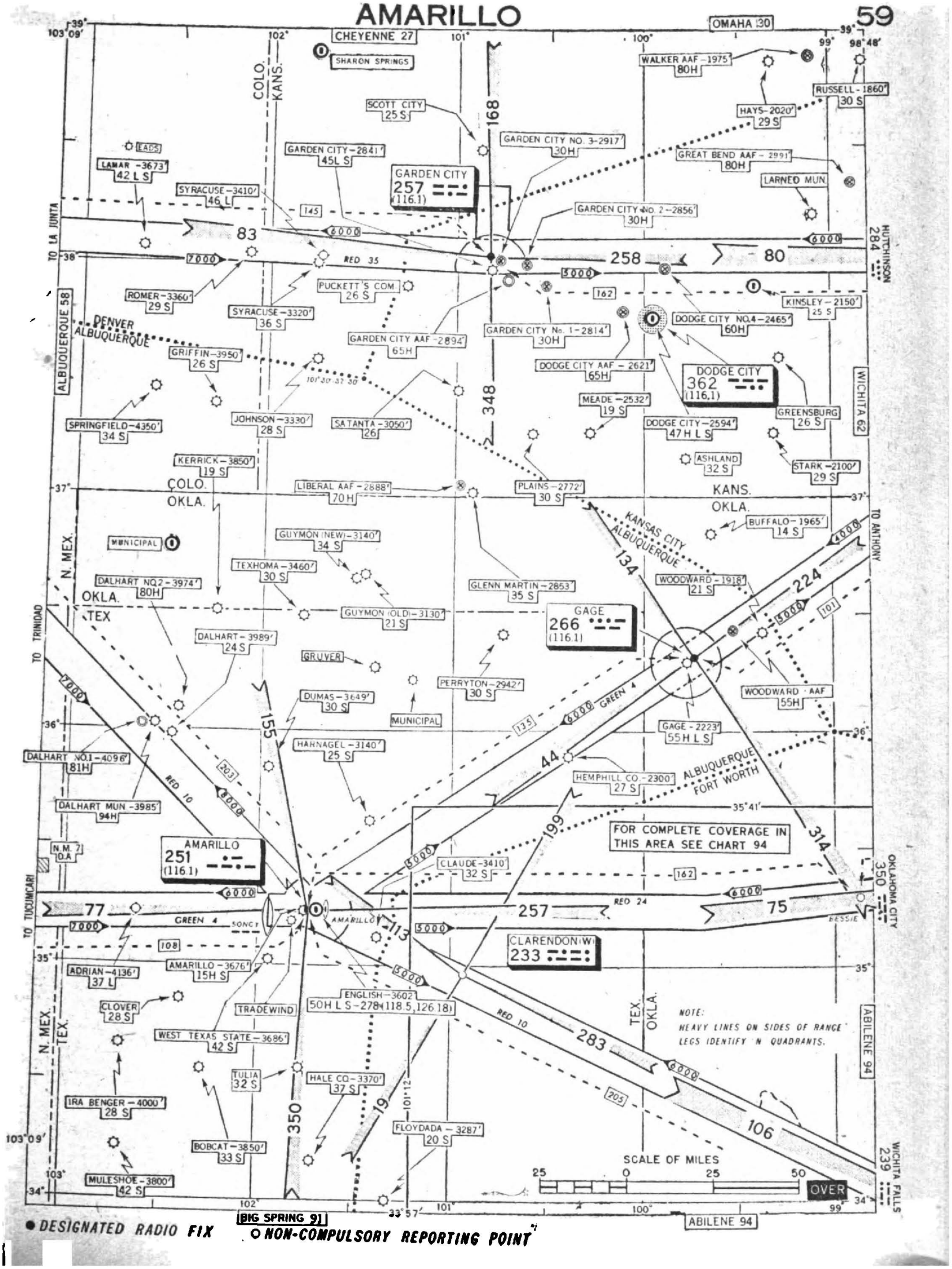
NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

ALBUQUERQUE



AMARILLO



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	**362 (OD)(116.1)**	**MHVT**	**(4)-116.1**
GARDEN CITY	**257 (GK)(116.1)**	**SBRAZ-VDT:168°,3.7**	**(4):116.1**

COLORADO

GAGE	266 (VM)(116.1)	SBRAZ-VDT,224°,2.1	(4): 116.1

KANSAS

AMARILLO	251 (AQ)(116.1)	SBRAZ-VDT,77°,2 to English Fld	(3); 116.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (118.5) (126.18)	AC (ILS)	(4):126.18,118.5, 122.5
BONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
➔ AMARILLO, TEX. (English)	110.3 ·– ––·–	335	209° Mag.	IM-	MM- ·––·–(0.62)	OM- ––(5.92)	
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.

KANSAS

Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN.	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Lgts prior req.
(A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1(A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2(A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct. Use strips only. Pole line N.
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct. No sto. Poles N,S,NE.
Satanta	1 N,RR S	3050	26 S2	No fuel.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
Larned Mun.	1.6 NNE,RR SE	2012	33 S6	80,91 oct.

OKLAHOMA

Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.
← Boise City	3 N,hwy W	4200	33	

TEXAS

★ Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3.8 SSW,RR N	3989	94h	
(A) Dalhart No. 1 (A)	9.7 WSW,RR,hwy E	4096	81h I.	TEMP INACT. NO FACS.
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N. INACT:CIVIL FACS
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct. Poleline N,NW. ARMY TMP
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	30 S4	80 oct. No sto. Allway fld. P-line SE,
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct. Pole line N. Wdmill SW
(P) Tulia	1.5 NNW,RR W	3500	32 S1	80 oct. Poleline NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
Tradewind (Amarillo)	1.5 SE	3636	30 S6	Data not verified. (Texas)
Gruver,Tex.	0.7 WNW,RR E	3200	40 S1	80 oct. P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
Cochran (Morton, Tex.)	1.5 E;rd W	3750	30	P-line E,S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. ➔ NEW OR REVISED DATA

RADIO — KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MHVT	(4);116.1
→CASSODAY (Int.)			DECOMMISSIONED
HUTCHINSON	284 (HN)(116.1)	52MRLZ-VDT;350° 3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM, 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL (Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAF	396(116.1)(126.18)	CA(ILS);170°,5.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-VDT	(3);116.1
Wichita Airport	278(126.18)(118.7)	AC(ILS);167°, 1.0	(4);122.5,126.18,118.7

OKLAHOMA

→ ENID (Army)			DECOMMISSIONED
→ Enid AAF			DECOMMISSIONED
PHILLIPS ARPT(Bartlesville	278	CI	3105 (On req)
PONCA CITY	368(PC)(116.1)	MHVT	(4); 116.1
RED FORK FM	(- - -)	FM; 225°, 13.7	Tulsa
SKIATOOK FM	(- - - -)	FM; 298°, 17.8	Tulsa
TULSA AIRPORT	278(126.18,118.5)	AC (ILS)	(4);118.5,126.18,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ SMOKY HILL AAF (Salina, Kansas)	109.9 (W)	333.8	123° Mag.	IM- (0.19)	MM- ·····(0.99)	OM- --(4.20)
					MMK-	OMK-
TULSA,OKLAHOMA	110.3 ...	335	354° Mag.	IM-	MM- ·-·-(0.65)	OM- --(4.82)
					MMK-	OMK-
WICHITA, KANSAS	110.3	335	2° Mag.	IM- ·····(0.05)	MM-	OM- -- (5.37)
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (I). 3105, 6695, 6210 kcs. (R) 3105, 6695, 6210, 3017.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. ★ - Army ACS equipment on and provides 116.1, 127.80, 140.50 mcs.

AIRPORTS — KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct.No sto.Port lgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct.Poleline S,SW,Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct. Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S1	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
Eureka	3.2 E; RR N	1100	21	Pole line S.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
(A) Herington AAF (A)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; riv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct.Trees S,SW. Obsts
Kiowa Flying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E.
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
(N) Newton OLP	4 ENE; RR S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF(A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct, Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91,100 oct. No sto. (A) I S.
(A) South (Winfield)(A)	14 SSW	1230	40h	CLOSED
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91,100 oct.50' pole N.ARMY TMP
Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto. INACT-CIVIL PACS.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt acft only.Pwr lineW.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.
Janssen Skytel (McPherson)	1.5 Sw;hwy N	1500	72 S6	80 oct Hi-line W; poles E

OKLAHOMA

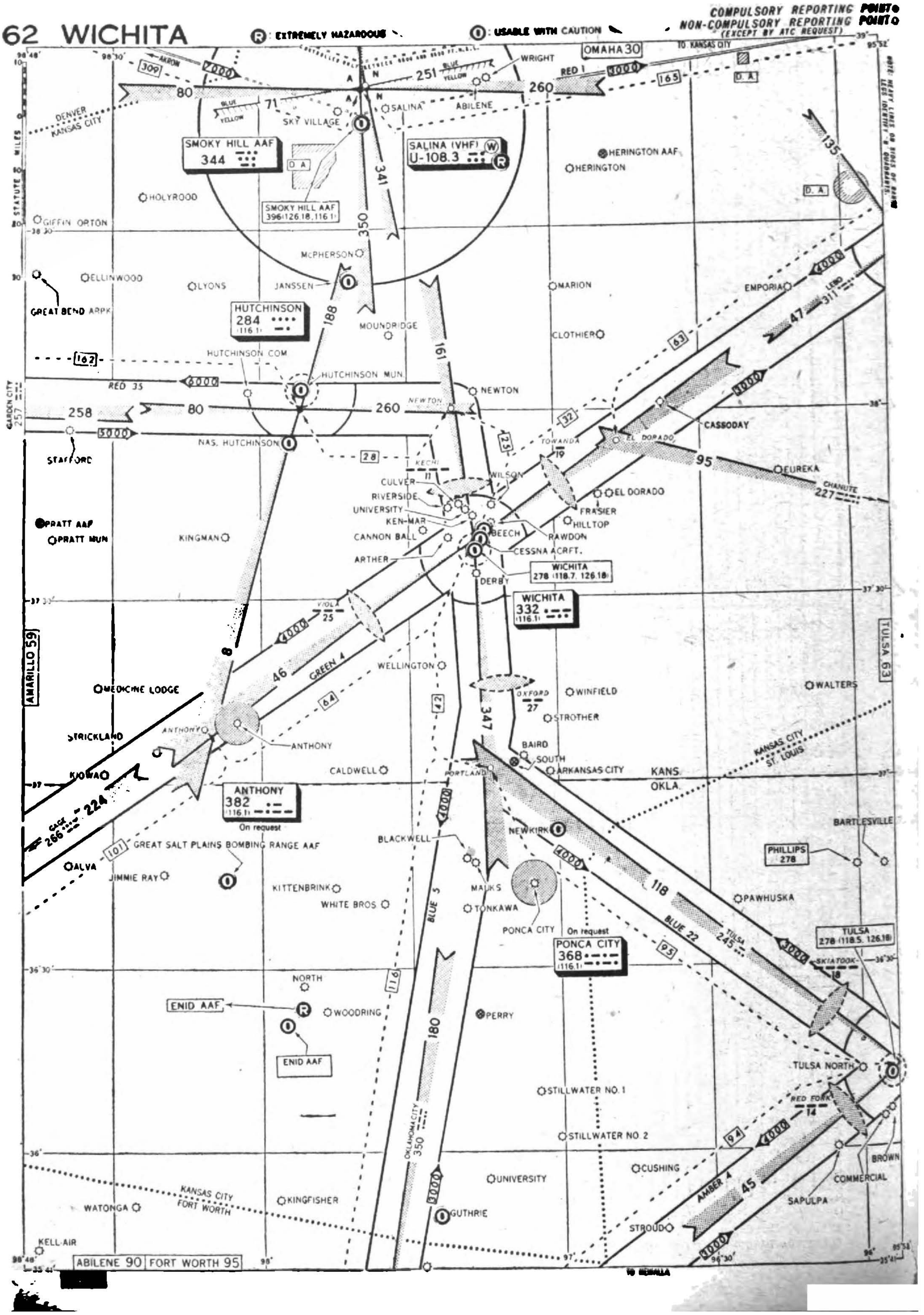
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h	TMP INACT;NO FAC.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts. Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A) TULSA AIRPORT	6.2 NE;RR S	674	71h R3 L5 S6	73,80,91,100 oct.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE.
University (Langston)	1 S; rd N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S.
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req.
Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

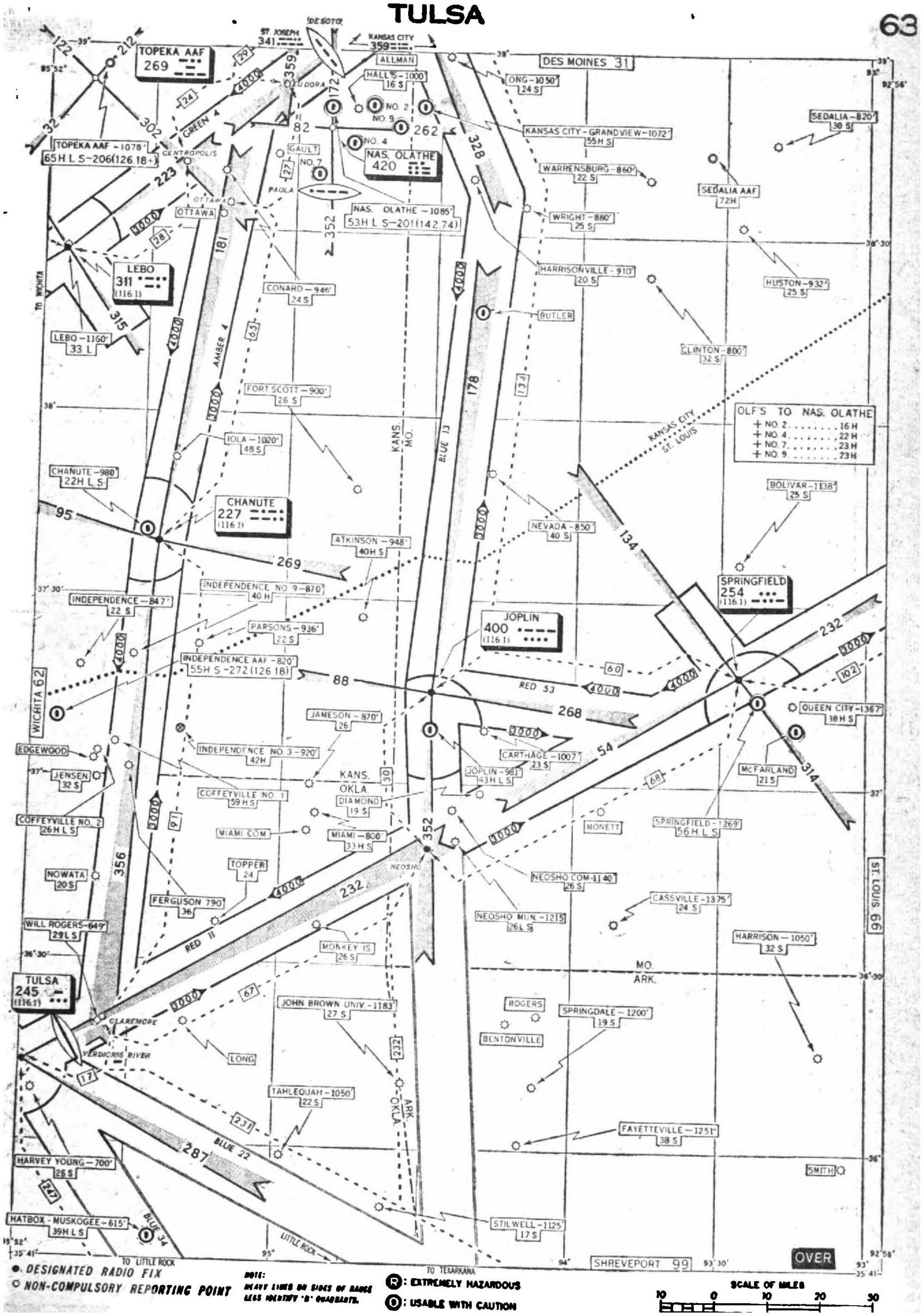
62 WICHITA

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT●
NON-COMPULSORY REPORTING POINT○
(EXCEPT BY ATC REQUEST)



TULSA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "B" QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓓ: USABLE WITH CAUTION

SCALE OF MILES
10 0 10 20 30

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-VDT, 304°, 2.5	(4);116.1
DE SOTO FM	(- - -)	FM; 224°, 19.6	Kansas City, Mo.
INDEPENDENCE AAP	272 (126.18)	CA	(3); 126.18 (7-19)
LEBO (Int)	311(LN)(116.1)	BMRZ-VDT, 336°, 0	(4);116.1
OLATHE (Navy)	420 (NUU)	BMRLZ	
Olathe NAS	201 (142.74)	CN(GCA);352°,2.9	(3); 142.74 (8-18)
PAOLA FM (Navy)	(. - - -)	FM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
Topeka AAP	206 (116.1) (126.18)	CA;320 3.5	(3); 116.1,126.18

MISSOURI

JOPLIN	400(JH)(116.1)	BMRLZ-VDT,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-VDT,134°,4.3	(4); 116.1

OKLAHOMA

TULSA	245(TS)(116.1)	SBRAZ-VDT;225°, 1	(3); 116.1
VERDIGRIS RIVER FM	(-)	FM;52°,9.6	Tulsa

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, **6210 kcs;** **(4)-3105, 4495**, 6210, 3117.5 **kcs.** Parenthetical **Numbers in Frequency Column Indicate VHF Voice.**
+ - Army A.C.S. transmits on and guards 116.1, 137.88, **140.58** mcs.

AIRPORTS

ARKANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.

KANSAS

(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S6	80,91 oct.
→ Coffeyville, Mun #1	5 NNE	743	59h S2	80 oct Use rnwys only.
→ " mun. #2	2 NW;riv E	880	26h R1 L3 S6	80 oct. Poles NW;hi-line SW.
Conard (Ottawa)	3.8 NNE;RR S	946	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Ferguson Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville)	0.8 ESE;RR N	1020	20 S1	80 oct.Trees E.
Girard	1.7 WNW;RR E	950	14	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line N
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAF (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
(A) " #3 (A)	24 ESE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 SSE;rd N	1020	48 S6	73,80 oct.
★ Lebo Int,39,AQ-KC	4 ENE;RR N	1160	33 R1 L3	
Mader (Garnett)(NC)	2 WNW;hwy S	1060	26	
(N) Olathe NAS (N)	5.2 SW;RR W	1085	53h R2 L5 S6	100 oct.
(N) " OLP #2 (N)	5 SE	1090	16h	INACTIVE.4 W of Stanley.
(N) " OLP #4 (N)	10 S	1090	22h	1.3 SE of Springhill.INACTIVE.
(N) " OLP #7 (N)	16 SSW	940	23h	4.3 W of Hillsdale.INACTIVE.
(N) " OLP #9 (N)	11 SE	1070	23h	1 N of Stillwell.INACTIVE.
Ottawa	5.3 S;RR W	975	32	
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAF (A)	6 S;RR W	1078	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5NNW;hwy N	900	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.

KANSAS

Bolivar	1.8 WSW;hwy N	1138	25 S2	80 oct,Poles N.
Branson (NC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline W,SW.
Cassville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
(P) Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,SE.
(P) Grandview (Kansas City)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lghts prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE;RR N	981	43h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
" mun.	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
Queen City (Springfield)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req.
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) " AAF (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP INACT NO FACS
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 NNW;hwy SW	880	25 S1	80 oct.Pole line S.
Butler	1.5 N		25 S2	80 oct. Data unverified.
Monett	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD	5.5 WNW; RR NE	1269	56h R1 L5 S5	80,91,100 oct;100 oct JP-1,army

OKLAHOMA

Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee)	2.7W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stillwell	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
Topper (Vinita)	3.9 SW;RR ESE	800	24	
Will Rogers,36, AQ-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.
→ Bentonville,(Ark.)	1.5 SSW;RR N	1200	24 S1	80 oct.
→ Smith (Hasty,Ark.)	3.3 SSW;rd S	1500	16 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) (NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	
[illegible]			
COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV.88°.3.9	(4);116.
NEW FLORENCE (Int.)	385 (ST)(116.1)	MHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)(116.1)	SBRAZ-DTXV256°.2.2	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY	344(OM)(116.1)	BMRLZ-VDT,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARKANSAS

AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE,hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A)Walcott #3 (Walnut Ridge) (A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	

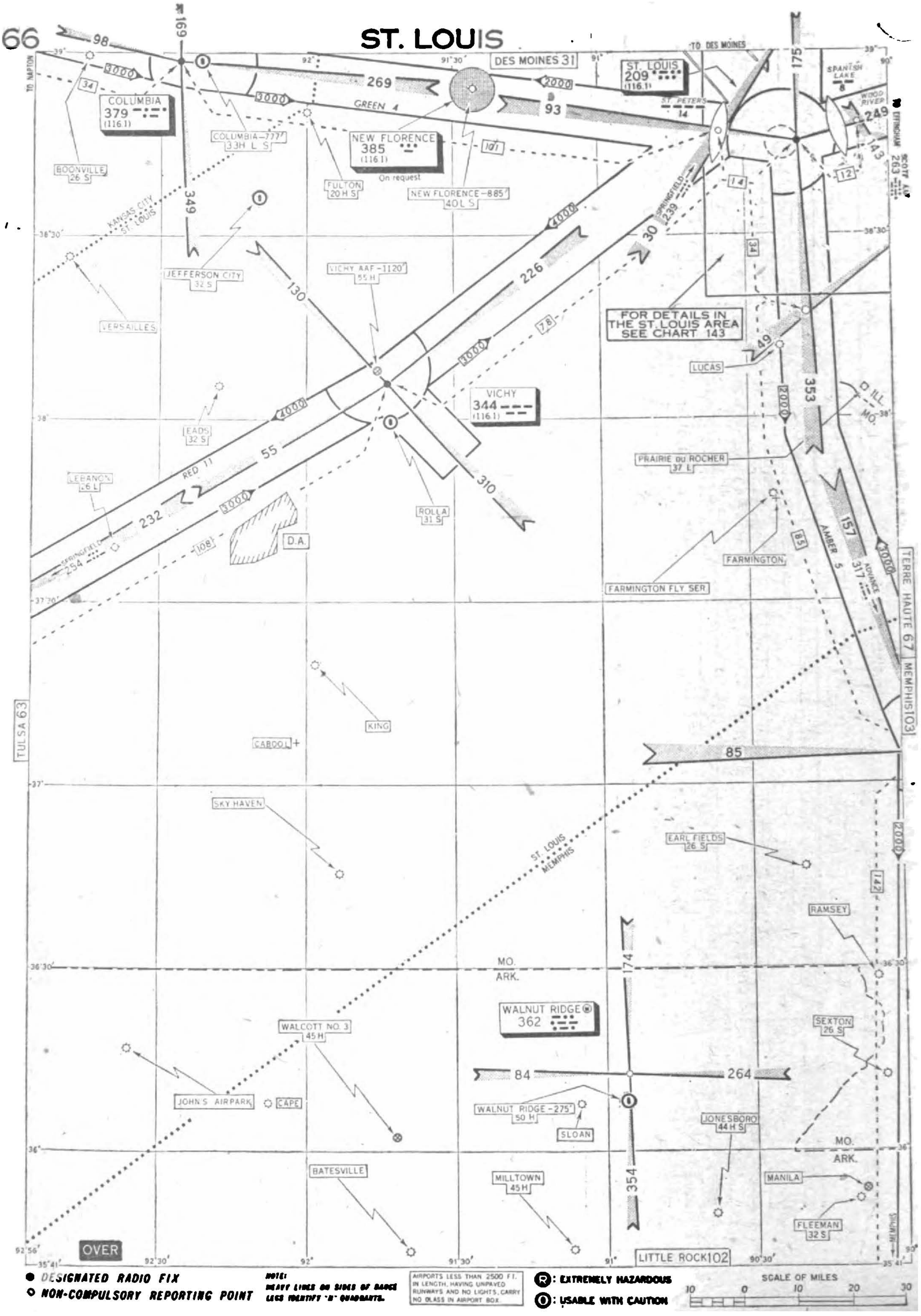
ILLINOIS

* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. ——► NEW OR REVISED DATA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,rlv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80 oct. No sto.
Kennett (NC)	1.3 E.RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91-oct.Port rnwy
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct. lgts.
Sky Haven (West Plains)	2.4 NW;RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED
Cabool (Mo.)	0.8 SW		18 S1	80 oct. Data unver.
NEW AIRPORTS				
Cape(Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Sloan(Black Rock,Ark)	0.5NE;RR W,rlv E	270	16	

ST. LOUIS


TO NAPTON
98
169
39°
92°
91°30'
DES MOINES 31
TO DES MOINES
ST. LOUIS
209
(116.1)
175
SPANISH LAKE
WOOD RIVER
249
ST. PETERS
14
269
GREEN 4
93
3000
2000
34
COLUMBIA
379
(116.1)
COLUMBIA—777'
33H L S
NEW FLORENCE
385
(116.1)
On request
101
BOONVILLE
26 S
FULTON
20 H S
NEW FLORENCE—885'
40 L S
43
263
SCOTT AFB
12
14
349
KANSAS CITY
ST. LOUIS
38°30'
4000
30
239
SPRINGFIELD
JEFFERSON CITY
32 S
VICHY AAF—1120'
55 H
130
226
VERSAILLES
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143
78
LUCAS
49
353
ILL.
MO.
38°
VICHY
344
(116.1)
EADS
32 S
RED 11
55
PRAIRIE DU ROCHER
37 L
LEBANON
26 L
232
108
310
ROLLA
31 S
D.A.
SPRINGFIELD
254
FARMINGTON
85
AMBER 5
157
317
ADVANCE
TERRE HAUTE 67
MEMPHIS 103
FARMINGTON FLY SER
TULSA 63
KING
CABOOL
85
37°
SKY HAVEN
ST. LOUIS
MEMPHIS
EARL FIELDS
26 S
142
RAMSEY
MO.
ARK.
36°30'
174
WALNUT RIDGE
362
WALCOTT NO. 3
45 H
SEXTON
26 S
84
264
JOHN'S AIRPARK
CAPE
WALNUT RIDGE—275'
50 H
SLOAN
JONESBORO
44 H S
354
BATESVILLE
MILLTOWN
45 H
MANILA
FLEEMAN
32 S
OVER
92°56'
35°41'
92°30'
92°
91°30'
91°
90°30'
90°
LITTLE ROCK 102
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF BASIC LESS IDENTIFY "B" QUADRANTS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO GLASS IN AIRPORT BOX.
(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

TERRE HAUTE 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY # QUADRANTS.

PEORIA
MORTON
PEKIN
BLOOMINGTON
TO JOLIET
CHICAGO 34
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126 18)
CLINTON
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
UNIV OF ILLINOIS
CHICAGO
ST LOUIS
DECATUR
DECATUR PARK
SPRINGFIELD 239
FLECK'S LAKEVIEW
SPRINGFIELD
MC COY
MOODY
COOPER
ALLEY
MIDWAY AVIATION
PARIS
KINGMAN
JORDAN
TERRE HAUTE 248 (116.1)
HULMAN
TAYLORVILLE
MATTOON
CHARLESTON
PAUL S COX
SHELBY CO
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 143
EFFINGHAM
HILLSBORO
M AND S
EFFINGHAM CO
SMITH AVIATION
VANDALIA MUN.
ST LOUIS 209
HIGHLAND-WINET
JAMESTOWN
LINTON
EMISON
GEORGE AAF
SCHILT
O'NEAL
WASHINGTON MUN
WASHINGTON
PRESBYTERIAN NO.3
R AND K FLY SER
BECKERMAN
STRAUB
EVANSVILLE 233 (116.1)
CYRIL LEBERT
SCOTT AAF 263
LECKRONE
FLORA
MT VERNON
NASHVILLE
WHITE CO
DU QUOIN
EVANSVILLE 278 (118.5)
HENDERSON
OWENSBORO
FERGUSON
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
MADISONVILLE
STURGIS AAF
ST. LOUIS MEMPHIS
MEMPHIS 103

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-VDT,341°,0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT,49°,2.2	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT,113°,2.3	(4)

INDIANA

EVANSVILLE	233 (EV)(116.1)	SBRAZ-VDT	(3);116.1
Evansville Airport (old)	278 (118.5)	C, 177°, 5.7	(4),118.5,122.5
→TERRE HAUTE	248 (TH)(116.1)	BMRLZ-VDT; 69°, 5.8 (Hulman)	(4): 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.85, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N, NW.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW,RR SW	753	28 L S4	73 oct.Range lgts.Appchs blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW,hwy E	690	26 S6	80 oct.Use marked areas.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct,Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
→Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
→Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h S6	80,91 oct.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S	454	26 S2	73 oct. 25' poles S.
→Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
Effingham Int,10,LS-I1)	2.5 N,RR E	608	26 R1 L3 S1	73 oct, on req.
→Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	81 oct.P-line W.
→Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.0 NE,RR S	535	24	Pole line S.
Illini (Urbana)	2 NNE,hwy SE	740	26 S6	80 oct. Trees E.
Leckrone (Salem)	1.9 NW,hwy S	545	39 S6	80,91 oct. Use strips only.
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	26 S4	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N,bldg NE
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5NNW;RR,hwy	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 11) (NC)-Not charted. →← NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S1	80 oct.
Smith Aviation (St.Elmo)	1.3 SW,RR NW	647	20 L1 S2	80 oct. Poles N, NE. Rnwy data unver
→Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S4	80, 91 oct.
Vandalia	4.4 NW	532	39h L2 S2	80 oct.
Vermilion (Danville)	4 E,hwy S	650	21 S2	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Mount Vernon	2.5 ENE,RR S	465	37 L S6	80,91oct.Data unver.Temp port lgts.
Taylorville	1 SW		26 S6	80 oct. Data unverified
Hillsboro	1 NE	630	25 S4	Data unverified
Schilt (Olney)	1.5 S;RR S		30 S1	80 oct. Data unverified
Nashville	1 E;lake W		20 S1	80 oct. Data unverified
Casey	1 NW	645	26 S4	80,91 oct. Data unverified

INDIANA

Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
EVANSVILLE	5 NE; bet RRs	383	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE; RR N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	3.5 N		33 S1	80 oct.Use NE/SW strip.Data unver.
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct,NNW appch blocked.
→Paul S. Cox (Terre Haute)	3.2 S,riv W	485	27 S4	80, 91 oct. Stacks NE.
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. Use strips only.
Owensboro	2.5 ENE;RR NW	484	26 S6	73, 91 oct. No sto.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.
Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-VDT	(3) 116.1
Indianapolis Airport	278 (126.18,	AC (ILS); 82°,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LFY)(116.1)	BMRLZ-VDT ;50°,2.4	(4).116.1 118.7
MORGANTOWN FM	(- - -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 180°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5, 126.18
OHIO			
CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr. Cincin. Arpt
DAYTON	245(DY)(116.1)	SBMLZ-VDT	(3); 116.1 Armt.
Dayton Airport	278 (126.18, 118.9)	AC(ILS);90°, 3.2	(4); 122.5,126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
→ LUNKEN(Cincinnati)	227(118.7)	AC 227°, 5.2	(4);118.7,122.5
PATTERSON (Fairfield) (Army)	379 (DPK) (116.1)	SBMRAZ-VDT	(4); 116.1
Patterson Field	396 (126.18)+	CA(ILS)(GCA);32°,2.96	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495,126.1

INSTRUMENT LANDING SYSTEMS (localizer and G.P. in mcs., Compass locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ COVINGTON, KY (Gr. Cin)	109.9 --.-	333.8	360° Mag.	IM-	MM- ---- (0.6)	OM- -- (4.3)
				MMK-208 ---- (0.6)	OMK 215 ---- (4.3)	
→ Dayton, Ohio	110.3 (W)	335	55° Mag.	IM- ----(0.05)	MM-	OM- -- (4.4)
					MMK-	OMK-
Indianapolis, Ind. (L6)	109.5 --.-	333.8	44° Mag.	IM- ----(0.05)	MM- (0.89)	OM- -- (4.3)
				MMK-201 --- (0.69)	OMK 219 -- (4.3)	
→ Patterson, Ohio	108.7 (W)	333.8	210° Mag.	IM- (0.09)	MM- ----- (1.5)	OM- -- (4.5)
				MMK-	OMK-	

[illegible] (112.5 kcs) Cincinnati and Dayton Terminal Radar (1) 369.6, 269.4, 278.6 kcs. (2) 318.6, 269.4, 278.6 kcs. (3) 112.5 kcs. Frequencies and facilities in frequency control effective 0001 hours [illegible] and operate 118.6, 127.65, 149.55 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct. Port rnwy lgts.
Anderson	3.5 SE;RR NE	875	27 S6	80 oct. P-line trees E.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct. Info. unverified.
(A) Atterbury AAF (Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT. NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct. Poleline W. Info. unverified.
(P) Bedford	3.5 SE	682	19 S2	Ltd 73 oct. Rnwy data
Black Hawk (Sheridan)	5.3 N;hwy E	600	16 S1	Ltd 73 oct. unver.
(P) Bloomington	5 WSW;RR SE	840	40 L S2	73,80 oct. Port rnwy lgts Trees N,NE,SW
Boss-Denlen (Salem)	3 WNW;RR N		26 S6	80 oct. Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct. Data unverif.
Brownsburg	1.5 SSE;RR N	650	20 S1	73 oct. Poleline S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC (not charted). → NEW OR REVISED DATA.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
→ Bush (Jeffersonville)	3 NE		20 S2	80 oct. Inf. unverified.
Bush (Ramsey)	1.5 WSW;hwy N	680	10 S1	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
Columbus	4.5 SSW	616	45h S4	80 oct. No sto.
Coxey's (Winchester)	1 ESE;hwy N	1088	16 S4	80 oct.
Crawfordsville	4.5 SSW;hwys E, W	850	37 S4	80 oct. No sto. Info. unverified.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	1.8 SSE;hwy NE	850	23 S4	80 oct. Data unverif.
Farmers (Greenfield)	9 NW		26 S2	73 oct. Info. unverif.
Fortville	2.8 E;rd N	740	15 S1	Ltd 73 oct. Trees SSW.
Franklin Fly Field	4 S;riv S	745	22 S2	80 oct. Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
→ French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct. Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct. Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	20 S6	80 oct. Poles SW.
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct. Pole line NE.
Howell Bros(Rushville)	2 SE;hwy SW	985	21 S4	61 oct.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg 19,LS-LV	3 S;RR E	500	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct. Exper lgtg.
Kokomo, mun.	4.7 N	855	40h L5 S2	80 oct. P-line N. Lgts prior req.
Lapel	1 NE		13	Rough. Info. unver.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	825	13 S2	80 oct. Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood (Frankfort)	2.5 S;RR W	764	20 S4	80 oct. Ditch W.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct. Data unver.
Madison Commercial	2.2 N;RR W	960	24 S2	80 oct. Poles E.
(A) Madison AAF (A)	8 NNW;RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct. No sto. Info. unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy S	832	24 L S4	73 oct. Poles E; hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct. Info. unver.
Mettel (Connersville)	2.4 NNE;RR E	950	29 S1	80 oct.
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct. Info. unver.
(P) Muncie	3.5 N;RR SW	950	31h L4 S6	80,91 oct. Lgts prior req. Rnwy info. unver.
New Castle	3.2 E; RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW;lks SE	1080	26 L S1	73 oct. Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct. Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W; trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct. Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct. Silo N; stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct. Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct. Pole E; trees N.
St. Anne #2 (Seymour)	2.3 NNE	750	45h	
Scottsburg	2 W		18	Info unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct. Info. unver.
Shelbyville	3.1 S;hwy E	850	19	Poleline E.
Silent Brook (Orleans)	5 W;riv SW	650	20 S4	80 oct. Hi-line W,SW.
(P) Sky Harbor (Indianap's)	7 ENE;hwy S	730	26 L S6	80 oct. Pole line E,S,SE.
Sky Haven (Bedford)	2 SSW;riv S	650	36h S4	80,91 oct. Poleline E,S. Rnwy data unverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct. Obsts N end NE-SW stp. Info. unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW;RR N	915	26 S4	73,80 oct. No sto. Pwrline S
Vevay	1 E	450	20 S2	73 oct. Tree NE corner Info. unver.
West Side (Marion)	2.5 NW;hwy S	835	26 S1	73 oct. Pole line E.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel. No sto. Info. unver.
Yorktown	1 S		22 S1	80 oct. Obsts E. Info. unver.

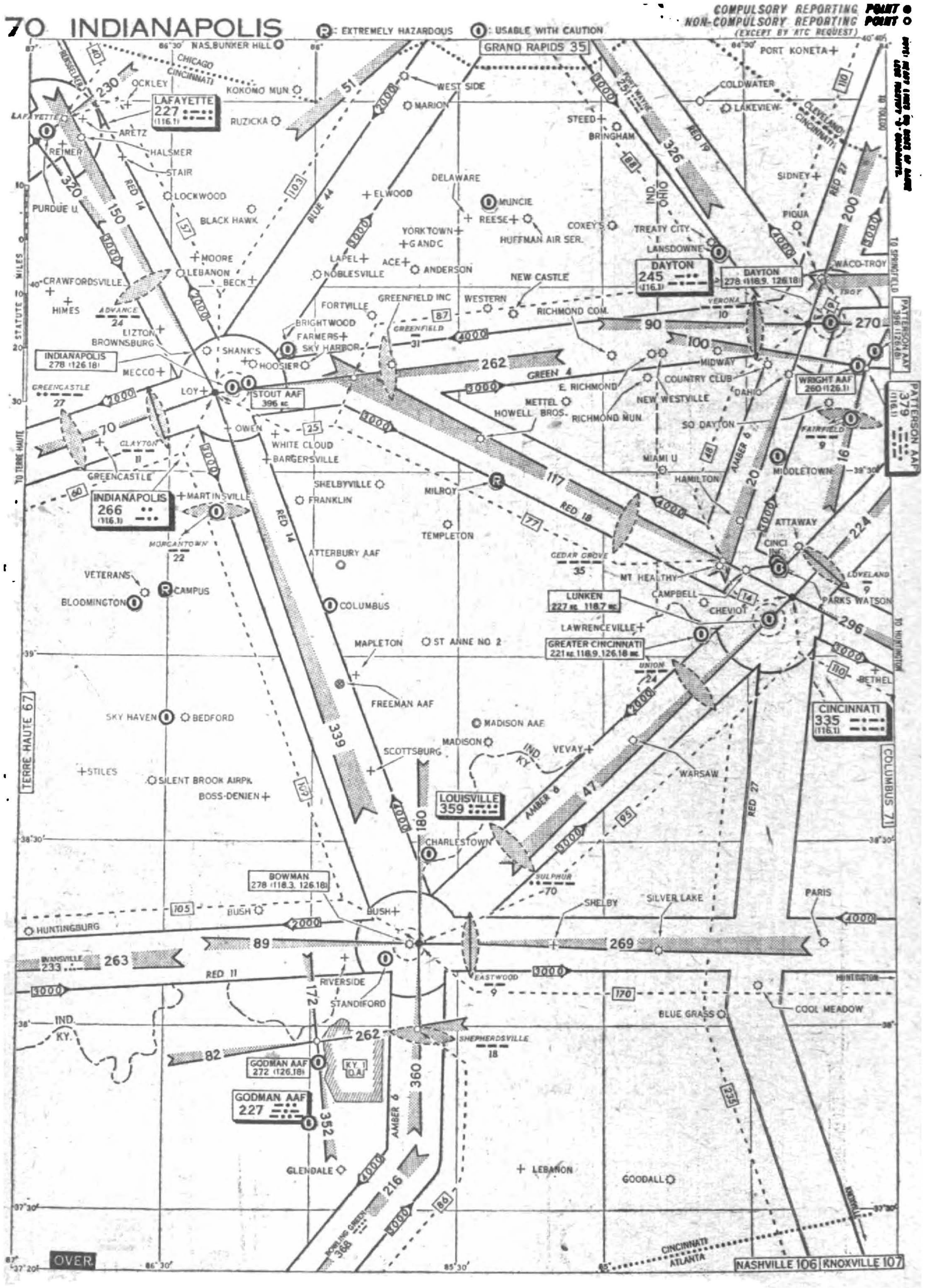
KENTUCKY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S4	80,91 oct.
BOWMAN (Louisville)	5.5 ESE;hwy S	546	44h R2 L5 S6	73,91,100 oct.
Cool Meadow (Lexington)	4.8 N;rd W	910	28 S6	80,91 oct. No sto. Pole line SW.
* Glendale Int,75B,	0.5 NE;RR NW	702	26 L3	(DL-LV)
(A) Godman (Ft. Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct. No sto.
Goodall (Danville)	4.2 S;RR W,S	990	27 S6	80 oct.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	889	55h R3 L6 S1	91,80 oct. 5vcg days only. Ctc lgts prior req
Paris	1.2 NNE	635	20 S1	80 oct. Ravines NE,SE.
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct. Info. unver.
Silver Lake (Frankfort)	3.2 E;hwy N	750	25 S2	80 oct.
Standiford (Louisville)	4.3 SSE;RR W	480	50h L5	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	
OHIO				
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct. No sto. Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct. Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-GD	2 NW;crk NW	898	33 L3	
Country Club (Johnsv'l)	2.9 N;RR NE	990	26	Poles N, S.
Dahio (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	20 S6	80,91 oct. Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE;RR SW	580	18	Pole line S.
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W; trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct. Bcn. ESE.
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct. Poles N,NW.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct. Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct. Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct. Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct. Poles S,SE,SW.
Polk Grove (Vandalia)	3.6 W;riv W	975		UNUSABLE. (NC)
Sidney	1 W;RR S		25 S2	80 oct. Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct. Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright(Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct. JP-1 CLOSED.
Lansdowne (Greenv'l) (Ohio)	2 ESE;RR N		19	Bldgs, hi-line N. Inf. unver.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct. Inf. unver.
Stair (Mulberry) Ind.	0.13 NE, hwy S	650	16 S4	80 oct. No sto. Pole line S. Data unver.
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890		80 oct. No sto. Poles W,
Riverside(Louisville,Ky.)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	
Bet'el (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy. Data unverified.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unveri.
Lebanon,(Ky)	3 NW		24 S4	Data unverified. No sto.

70 INDIANAPOLIS

R: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION — TO FORT WAYNE

DETROIT 38
CEDAR LAWN
MARION
+VOSS
CLEVELAND CINCINNATI
MT LIBERTY
WYNKOOP
COLUMBUS 391 (116.1)
OHIO STATE U
GRIMES
SPRINGFIELD
CRABILL
CLICKENGER
GROVE CITY
SULLIVANT AVE
PRICE
NORTON
SNOOK
NEWARK
SUMMIT STA
LOCKBOURNE AAB 317 (126.1)
PORT COLUMBUS-NAS 270 (118.5, 126.1)
PORT LANCASTER
LANCASTER
CROOKSVILLE
MAGNOLIA
NEW PHILADELPHIA
CLEVELAND PITTSBURGH
COMMERCE
NEWARK
BRIGGS
GREEN
CAMBRIDGE
RIVERSIDE
ZANESVILLE
ZANESVILLE 263 (116.1)
On request
WASHINGTON
TRI-COUNTY
On request
CLINTON CO AAF 201
CLINTON CO AAF 272 (116.1, 126.1, 127.65, 140.5)
CHILLICOTHE SKYPARK
JONES
REED'S
OHIO U
MARIETTA
WOOD CO
STEWART
CHERRY FORK
SHUMATE
KNOPE
RAVEN ROCK
RAVENSWOOD
MAYSVILLE
OHIO KY
ASHLAND
ABKEN
HUNTINGTON
CLARK
ROANE CO
HUNTINGTON 236 (116.1)
BOLLINGER
CHARLESTON 400 (116.1)
LOGAN
MORRIS
SCOTT
PAYNESVILLE 356
PRINCETON
CINCINNATI ATLANTA
INDIANAPOLIS 70
PITTSBURGH 79
KNOXVILLE 107 CHARLOTTE 110

OHIO

LOCATION	FREQ., IDENT.	STA. CLASS; BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-VDT,86°, 1.9	(3); 116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°, 25	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

[redacted]

CHARLESTON	400 (KN)(116.1)	SBMRAZ-VDT	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-VDT.75°, 2.3	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOCKBOURNE AAB (Columbus,Ohio)	109.9 (W)		3°Mag.	IM- (0.16)	MM- ····· (0.85)	OM- -- (4,29)
					MMK-	OMK-
CLINTON CO. AAF (Wilmington,Ohio)	109.5 (W)	332.6	320°Mag.	IM- (0.05)	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E, RR SE	535	29 S4	80 oct.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
* Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 11) (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range. 70' twr NE cor. fld.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R2 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
(P) Huntington(Chesapeake)	2 WSW, riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker)	0.8 N;RR W	800	28 S1	80,91 oct. Hwy W.
Snook(Reynoldsburg)	1.4 NE;RR N	980	21 S6	80 oct.Pole line E;trees SW.

[redacted]

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
Logan	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18 (118.7)	AC	(4);140.1,122.5,126.18
ALTOONA (Blair Co.)	338(RF) (116.1)	SBMRAZ-VDT:203° 1.3	(4):116.1
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH AIRPORT PITTSBURGH	396 (126.18 +	CA	(3):126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,124°, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 85°, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-VDT :85°, 2.2	(3):116.1
SUMMERHILL FM	(- - - -)	FM, 281°, 22	Altoona
CECIL	219(C)	FMK,265°,10.3	Pittsburgh

VIRGINIA

FRONT ROYAL	362(FZ)(116.1)	SBMRAZ-VDT	(4):116.1
GORDONSVILLE (Int)	380(GJ)(116.1)	SBMRAZ-VDT;135° 2.5	(4);116.1
LYNCHBURG (Preston Glenn)	206(LB)(116.1)	SBRAZ-VDT C; 165°, 2.1	(4):116.1 (4)

WEST VIRGINIA

ELKINS	281(EK)(116.1)	SBMRAZ-VDT:174° 2.9	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRIZ-VDT;35°, 2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRIZ VDT;175° 5.0	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
PITTSBURGH, PA.(Alleg'y Co)			95° Mag.		MMK 201----(0.80)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv W,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct. Mtns E.

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Scott (Piltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	
ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6	8C-100 oct.No ctc lgts.Rdo rec req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4	80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4	73 oct.
* Buckstown Int,12B,WA-CV	1 E;hwy S	2480	23 L3	
(P) Connellsville	4 SSW;hwy E	1250	34h S2	80,91 oct.
Cresson	1 NE;RR W	2240	25 S2	80 oct.Pole line S.
(A) Greater Pittsburgh (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4	100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6	80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17	Poles NW.
Huntingdon	1 S;riv NE	620	20 S4	80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h	
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4	87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6	73 oct.Pole line N,NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4	80 oct. Pole line S.
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W. Unverified.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line N.Rnwy data unver.
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charleroi)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Blair Co.,24A,CO-PG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115'	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* " Int,51,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1300	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
(P) University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
Orange County (Orange)	4 E;hwy S		26 S2	80 oct. Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

Baker Airpark(Burlington)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAF (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int,29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int, 21, CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E	1144	16h S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct. Pole line NW.
Herron(New Cumberland, [illegible] W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted.

74 PITTSBURGH

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

BUFFALO 39

10 MERCER
ALLEGHENY VALLEY
LEECHBURG
VANDERGRIFT
HAMILTON
STULTZ
NORTH ALTOONA
HUNTINGDON
MT UNION
HERRON
HOOKSTOWN
TORONTO
GREATER PITT. AAF
396 (126.1 B)
PITT-WILKINS
NEW ALEXANDRIA
KEYSTONE
CRESSON
SUMMERHILL
ALTOONA
WEIRTON
MAYER
HARRISON CITY
PITT.–BETTIS
LATROBE
JOHNSTOWN
SALIX
BLAIR CO
WELLSBURG
CECIL
ALLEGHENY CO.
278 (118.7, 126.1 B)
STAR VALLEY
MT PLEASANT
PITT.–GREENSBURG
COLUMBUS
391
CECIL
219
WHEELING–OHIO CO.
PITTSBURGH
254
(116.1)
BUCKSTOWN
SOMERSET
ALTOONA
338
(116.1)
GLENDALE
GREEN CO
CONNELLSVILLE
MORGANTOWN
269
(116.1)
PA.
MD.
FLINTSTONE
MORGANTOWN
CUMBERLAND
MEXICO FARMS
MARTINSBURG
209
(116.1)
FORMAN
PITTSBURGH
WASHINGTON
ELK GARDEN
BAKER
ROMNEY
RIDGEWAY
BENEDUM
PITTSBURGH
CINCINNATI
ELKINS
281
(116.1)
WINCHESTER
LOUIS BENNETT
PETERSBURG
MOOREFIELD
LEWIS
ELKINS
FRONT ROYAL
362
(116.1)
STOKES
SUTTON
SHENANDOAH
HARTMAN
GORDONSVILLE
388
(116.1)
CHARLESTON
400
277
CINCINNATI
WASHINGTON
MARLINTON
W. VA
VA
STAUNTON
ORANGE CO
GORDONSVILLE
VALLEY
AUGUSTA
UNIV OF VIRGINIA
CINCINNATI
ATLANTA
INGALLS
COVINGTON
COVINGTON-CLIFTON FORGE
GREENBRIER AAF
LEXINGTON
RONCEVERTE
HINTON
JAMES RIVER
TIMBERLAKE
BUFORD'S
NARROWS
PRESTON GLENN
248 as
LYNCHBURG
206
(116.1)
CHARLOTTE 110
NORFOLK 111
TO CHARLESTON
TO CHARLESTON
COLUMBUS 71
TO RELAY
TO HERNDON
WASHINGTON "S"
TO ARCOLA
TO DONCASTER
STATUTE MILES TO NEWARK
OHIO W. VA
MD
VA
W VA
VA
[redacted]

WASHINGTON 75

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

SYRACUSE 42
SCHUYKILL
ALLENTOWN-BETHLEHEM
FOGELSVILLE
ESTLER
RUTZTOWN
SWATARA VALLEY
WOMELSDORF
CONVAIR
BETHLEHEM-EASTON
ALEXANDRIA
LEWISTOWN
CARGILL
HARRISBURG
242
(1161)
MT UNION
PENN HARRIS
LEBANON CO
BEARS
HERSHEY
MILLARD
REIGEL
LAYFIELD
MADEIRA
NEW HANOVER
READING
SMILIN JACK
POTTSTOWN
FOR DETAILS IN THIS AREA SEE CHART 78
GREEN 4
CARLISLE
TAYLOR
ALLENTOWN
320
LANCASTER MUN
HARRISBURG STATE
278
OLMSTED AAF
396 (1261B)
LANCASTER
VALLEY
MAIN LINE
W CHESTER
COATESVILLE
SUNSET AWYS
CHAMBERSBURG
GETTYSBURG
DOERSOM
YORK
LANCASTER
NEW CASTLE CO
219 ⋍ 1185 ⋍
DU PONT
169
PENNS GROVE
PHILADELPHIA
266
(1161)
WAYNESBORO PA
MD
HAGERSTOWN
TANEYTOWN
DEVEMER
WOODSTOWN
BRIGGS
NORTH END
CAP BASE NO 332
MARTINSBURG
STEVENS
AMBER 7
NEW CASTLE
350
ALDINO
ABERDEEN
BELLANCA
KROELINGER
FREDERICK CITY
PHILLIPS AAF
201-1261B
BUCKS
GREENWICH
MARTINSBURG
209
281
PIMLICO
RUTHERFORD
NO 1 OAP
EDGEWOOD ARSENAL AAF
MARTIN
317
KENT
MILLVILLE
LEESBURG
BALTIMORE
278 (1189)
BALTIMORE
257
(1161)
MILLVILLE
365
(1161)
FA-BROOK
DOVER
DOVER AAF
396-1261B
BLUE RIDGE
FRONT ROYAL
362
ARCOLA
233
ANNAPOLIS
DOVER AIR PARK
GLENBURNIE
WHIPP
HARRINGTON
NAF ANNAPOLIS
2870-1427A
EASTON
WEBB
FOR DETAILS IN THIS AREA SEE CHART 78
MANASSAS
WASHINGTON
332
(1161)
ANDREWS AAF
379
LEE ANNAPOLIS
BRIDGEVILLE
GEORGETOWN
REHOBOTH
NAS. PATUXENT RIVER
420
MCAS. QUANTICO
203
DELMARVIA
HICKMAN
SUSSEX
SALISBURY
NAS. PATUXENT RIVER APP. CON CONT INCLUDES AIRSPACE UP TO 8000' M.S.L.
GORDONSVILLE
388
SHANNON
NAF DAHLGREN
368-1427A
NAAS. CHINCOTEAGUE
227
NAS PATUXENT RIVER
347-1427A
WEBSTER
MILFORD
PINEY POINT
TAPPAHANNOCK
NORTHFIELD
HERMITAGE
CENTRAL
RICHMOND AAB
396-1187, 1261B
RICHMOND
260
(1161)
LIVELY
CURRELLS
JOHNSON
MELFA
PARKSLEY
NAAS. CHINCOTEAGUE
3295 ⋍ 1427A ⋍
MIDWAY
WEST POINT
KELLAM
NORFOLK 111

DELAWARE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DOVER AAF	396 (126.18)	CA	(3);126.18 (7-19)
DUPONT ARPT. (Wilmington)	388	CI	3105,3117.5,5582.5 (8-20 daily except Sunday)
NEW CASTLE	350 (NC)	SMRAZ	
New Castle Co. (Wilmington)	219 (118.3)	CI; 19°,2.8	(4);118.3

DISTRICT OF COLUMBIA

WASHINGTON	332 (WAS)(116.1)	SBRAZ-VDTX	(3); 116.1

MARYLAND

ANDREWS FIELD (Camp Springs)	379 (DCM)	MLZ; 10°,1.2	
ANNAPOLIS	2670(142.74)	CN	3105,2870,6420;142.74(7-17)
BALTIMORE	257(BO)(116.1)	BMRLZ-DTV	(3);116.1
Baltimore Mun.	278(118.9)	C; 12°,2.4	(4);118.9,122.5
BELTSVILLE FM	(-)	FM;41°,17.6	Washington, D.C.
DONCASTER FM	(. . - - - -)	FM;209°,24.7	Washington, D.C.
MARTIN(Baltimore)	317	CI	(4)(8-sunset,Mon-Fri.)
MEEKINS NECK FM (Navy)	(-)	FM; 570°, 16	Patuxent River
PATUXENT RIVER (Navy)	430 (NHK)	MRLZ-D	(3), 142.74
Patuxent Riv.NAS	347 (142.74)	CN(GCA);57°,3.4	(3); 142.74
PHILLIPS FIELD (Aberdeen)	201 (126.18)	CA	(3);126.18 (8-18 Mon.-Fri.8-1630Sat.Sun).
WEBSTER (Priest Point)	3345 (142.74)	CN	3105, 142.74(24 hrs. adv. notice)

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
CARLISLE FM	(- - - -)	FM, 284°, 18	Harrisburg
HARRISBURG	242(HX)(116.1)	SBRAZ-VDT	(3) 116.1
Harrisburg State Airport	278	C; 118°, 1.1	(4) 116.1,122.5
MIDDLETOWN FM	(- -)	FM, 118°, 9	Harrisburg
OLMSTED FIELD (Middletown)	396 (126.18) +	CA	(4); 126.18
PHILADELPHIA (Southwest Arpt)	269 (PG)(116.1)	SBMRAZ-VDT, 97°, 3	(4); 116.1
SEVEN VALLEYS FM	(- • -)	FM, 172°, 25	Harrisburg

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D.C.
CHESTER FM	(- -)	FM, 218°,9.15	Richmond
CHINCOTEAGUE (Navy)	227(NKZ)	MRLZ	3105,4495,142.74
Chincoteague NAAS	3295 (142.74)	CN; 98°, 4.5	(3), 142.74
DAHLGREN NAF PROV. GROUNDS	368 (142.74)	CN	(3); 142.74 (8-16 except Sunday)
DAWN FM	(- - - -)	FM, 3°, 25.1	Richmond
HERNDON FM	(- - - -)	FM, 317°, 21.8	Washington, D.C.
MT. VERNON FM	(. . - - -)	FM, 209°,8.2	Washington, D.C.
MT. VERNON	269 (W)	FMK;209°,8.2	Washington, D.C.
QUANTICO MCAS (Navy)	203 (NYG)	MRLZ;209°,4.6	3105,4495
RICHMOND	269(RW)(116.1)	SBRAZ-VDT	(3); 116.1
Richmond AAB	396 (126.18) (118.7)	AC(ILS);20°,1.9	(4);122.5,118.7,126.18

NEW RADIO FACILITIES

MILLVILLE, N. J.	365 (NV)(116.1)	SBRA-DTV,144°(4.5)	(4);116.1
ANDREWS FLD. (CAMP SPGS), MD.	379(DCM)	MLZ; 10°,1.2	
ARCOLA, Va.	233(EC)	SMRAWZ	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs; Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. HEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
RICHMOND AAB, VA.	109.9 (W)		63° Mag.	IM- (0.17)	MM- ****** (0.90)	OM- --- (4.50)
				IM-	MM-	* OMK-
					MMK-	OM-
				IM-	MM-	OMK-
					MMK-	OM-
						OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+— Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs.

DELAWARE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellanca (New Castle)	1.5 W	20	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW,riv SE	60	21 S2	80 oct. Priv. S
Bridgeville	1.5 S	20	27 S6	80 oct.Data unver.
Dover	1.4 ENE	34	19 S2	80 oct.Poleline N.
Dover Airpark	2.2 N,rd W	37	25 S2	80 oct.
(A) Dover AAF (Z)	4 SE,hwy E	28	70h R1	CMP INACT - NO FACS
DuPont(Seaford)(NC)	0.8 WSW,RR NE	25	21	Poles NE PRIVATE. RESTRICTED.
DuPont (Wilmington)	3 WNW,RR E	185	29 R1 L4 S4	80 oct.No sto.
(P) Georgetown	1.5 E,RR NW	51	50h	
(P) New Castle County (Wilmington)	4.8 SW,hwy SE	75	70h R2 L5 S1	80, 91 oct.
Rehoboth Beach Aircrafters	2.5 W,hwy N	10	35 L S6	80,91 oct.Obsts sur fld. Port rnwy lgts.
Sussex (Frankford)	1 N		24 S4	80 oct.Data unver.

MARYLAND

Aldino (Churchville)	2.2 NE,RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW,bay W	25	20	Trees N
Annapolis	2 S		18h S4	80,91 oct.No sto.Data unver. Stacks N,SE
(P) BALTIMORE MUN.	6 SE,RR NE	14	46h R2 L5 S6	80,91 oct.;100 oct prior req.Rdo rqrd.
C.A.P. Base (Westminster)	2.6 N,hwy E	780	20 S4	80 oct. Poleline E,SE.
Delmarvia(Salisbury)	2.8 NE,hwy W	45	21 S6	80 oct.Poleline N,E,NE
(P) Easton	2.2 N,RR	66	40h L S4	80 oct.No sto.Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct.Holbein CLSD
Faybrook(Rock Hall)	1.5 NNW,bay W	20	14 S4	80 oct.Trees WNW, NE
Glenburnie-Whipp	1 E,hwy W	56	26 S6	80 oct.Seaplane Anchor
Hagerstown	4.2 N,RR W	700	39h L3 S4	80 oct Fld lgts prior req.
Hickman(Ocean City)	7.5 NW, riv S	15	28 S4	80,91 oct.Data unver.
Lee Annapolis(Annapolis)	4.8 WSW, hwy	30	28 S1	73 oct.Pole line ESE
Martin(Baltimore)	10 E,RR N	18	70h R1	PRIVATE.
(N) Patuxent River NAS(N)	2.9 NE Jarboes	38	97h R2 L6 S4	91,100 oct.JP-1.NATS
(A) Phillips(Aberdeen)(A)	3.2 S,RR W	57	50h R1 L5 S1	100 oct. CLOSED.
Pimlico (Baltimore)	6 NW,hwy SW	449	32 S6	80,91 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct.Use rnwys only.
Rutherford(Baltimore)	7 W,RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h	
Shady Side (NC)	1.8 SSW	10	15	Poleline SSW.RR W
Stevens (Frederick)	5.8 N,hwy E	440	28 S6	80 oct.Trees SW,S,W.
Tageytown	2.9 WNW	500	20 S4	80 oct.Poleline S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.Poleline
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. S,SE. JP-1 on req.

NEW JERSEY

Alexandria (Pittstown)	2 WNW,lk NE	340	18 S4	80 oct.No sto.Trees ENE
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct.P-line S,W.
Greenwich	2.5 W,riv SW	30	21 S6	73,80 oct.Trees N.
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct.Poleline S,E.
(P) Millville	3.3 SW,lk N	68	50h R1 L5 S6	80,91 oct.Fld lgts on req.
Penns Grove	3 SE,riv W	10	22 S2	73 oct.Poleline W,SSW.
Salem	2 ESE,rd S	15	22	CLOSED
Woodstown (Auburn)	1.5 SSE,RR E	100	20 S1	80 oct.Poleline N,NE.

PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE,RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only.Fld lgts prior req.
Berks (Reading)	4.5 NW, hwy SW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton)	4.5 SW,riv S	360	23 S6	80,91 oct.No sto.Poleline sur fld.
Cargill (Granville)	1.5 SW,RR SE	490	23 S2	73 oct.Obsts sur fld.
Carlisle	1.8 WSW,RR N	480	23	80 oct.
Centerville(Carlisle)	11.3 SW,RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	22 S6	80 oct.E, W strip rough
Coatesville	1.6 W,RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE,hwy W	590	20 S6	73,80 oct.
Doersom(Gettysburg)	2.4 NW,RR N	590	19 S6	73 oct.Pwrline NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct.No sto.P-line NW
Gettysburg	2.8 NNW	600	24 S3	80 oct.No sto.RR SW
(N) HARRISBURG STATE	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct.NATS
Hershey	1.1 NNW,RR S	415	21 S2	80, 91 oct.
Kutztown	1.5 S,RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW	320	26 S6	73,80 oct.Pwr line W,RR
Lancaster,35,CO-PG	5.5 N,hwy W	385	27h L4 S4	80 oct Poles S,WSW, SW
Layfield(New Hanover)	2 NE,hwy W	320	17 S6	80 oct Trees NE
Lebanon Co.(Myerstown)	1.8 W,hwy S	325	17 S5	80 oct.
Lewistown	4 SW,riv SE	560	19 S6	80 oct.Wooded hill NW.
Madeira (Reading)	3.2 N,RR W	300	20 L S6	80 oct.Port flood lgts.
(P) Mount Union	4 S,hwy E	560	30 S4	80 oct.
New Hanover	0.5 W,hwy SE	320	20 L S4	80 oct.Port flood lgts.
(A) Olmsted(Middletown) (A)	1 W,RR N	300	50h R1 L5 S6	62-100 oct.JP-1.Poles N, NE. Riv. S.
Penn-Harris(Harrisburg)	4 ESE,RR N	400	18 L S6	80,91 oct.Flood lgts.
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel.Pole line ESE.
Pottstown	4.5 E,hwy N	311	30 S6	80 oct.Bldg NW. 7 CMP
(P) READING	3 NW,riv E	342	52h L6 S6	B-2 lgts prior req.IN A/C.
Reigel(Campbelltown)	1 N,hwy N	475	20 S4	80 oct. CIVIL F/C'S.
Schuylkill(Pottsville)	8.3 ESE, lake SE	510	29 L S6	80 oct.Port rnwy lgts. Hills SW,E,NE.
Smilin' Jack (Douglassville)	1.3 NW,RR S	200	24 S4	80 oct.
Sunset Airways (Chambersburg)	3.5 NNE,rd E, S	650	25 S1	80 oct.Pole line E,NNW
Swatara Valley (Pine Grove)	4 WSW,RR N	480	21 S4	80 oct.
Taylor(New Kingston)	0.5 SE,hwy N	440	28 S6	80 oct.Pole line N.
Valley Arpk (York)	3 ENE,RR N	420	21 S6	80 oct Poles SSE,NNW.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct.
Womelsdorf	3 NW,hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct.Flood lgts.Pole N

VIRGINIA

Blue Ridge(Herndon)	4 WSW,hwy NE	280	30	Poleline E.
Central (Richmond)	2.5 ENE,RR W	172	45 S6	80 oct.Poles WNW,SE.
(N) Chincoteague NAAS(N)	4.5 WNW,hwy S	38	60h R2 L5 S4	100 oct.
(N) Dahlgren NAF Proving Grounds (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLOSED.
Farrum (NC)	0.2 NW	85	40	Poles,Rnwy data unver.
Hermitage(Richmond)	3.2 NNW,RR W	200	20 S6	80 oct.Trees,poles E,W
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Kellam(Weigwood)	0.3 SW,RR E	15	20 S1	73 oct.Trees NE,SE.
Leesburg Airpark	0.7 ESE	280	26 S6	80 oct.Poleline NE.
* Lively Int,6,NW-WA	3.4 WSW,riv W	15	34 L3	35' trees,bldgs NW.
Manassas	2.7 NW,RR S	250	21	Pole line SW,SSE.
(P) Melfa Flgt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct.20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S,RR W	134	26 L3	40' trees S,NE,SW.
Northfield(Richmond)	3 N,hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
(A) RICHMOND AAB(A)	7.3 ESE,RR S	167	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE,riv E	50	23 S6	80 oct.
(A) Tappahannock Flgt Strip (A)	0.6 W	30	40h	8000' strip avail. CLOSED
(P) West Point	2.3 ESE	24	50h S4	80,91 oct.Riv SSW,
Zieger(Warrenton)	3.7 S,hwy NE	440	20 S2	80 oct.Hill W, NW.

WEST VIRGINIA

(P) Martinsburg	4 S,hwy W	550	50h R1 L5 S6	80, 91,100 oct.
North End (Martinsburg)	2.5 NNE,RR W	515	28 S2	80 oct.Pole line N.
Millard (Annville,Pa.)	1.5 SW.	480	18h S5	
Purcell a (Weems,Va	1 N,jct of rivs		17 S1	80 oct.P-line SE. Use strips only. Data unver.
Harrington (Del.)	1.8 E; RR W	50	25	
Kent (Worton,MD)	1 N; RR S	09	23 S2	80 oct.
Johnson(Ononcock,Va.)	1 ESE,RR E	34	22 S1	80 oct.
West Chester (Pa.)	2.5 NE,lake S	470	32 S4	80 oct.
Aberdeen Arpk (Md.)	1 SW		21 S4	80 oct. Data unver.
Frederick City (Frederick,Md)	1.8 E,riv N,E	305	49	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 147) - NC (not charted) —► New or revised data.

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS (Washington)	251(142.74)	CN	(3);142.74(7-sunset and on req.)
BOLLING FIELD (Washington)	219(126.18) (137.88)+	CA	(3);126.18,137.88
WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3);116.1
Washington Nat'l Arpt.	278(126.18) (118.5)	AC(ILS);25°,0.9	(4);118.5,126.18,131.9

MARYLAND

ANDREWS FLD (Camp Springs)	317(126.18)+	CA(GCA); 10°,1.2	(3);126.18
BELTSVILLE FM	(-)	FM, 41°,17.6	Washington, D. C.
DONCASTER FM	(. . - - - -)	FM, 209°,24.7	Washington, D. C.
ANDREWS FLD (Camp Springs)	379(DCM)	MLZ	

PENNSYLVANIA

BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
HOLMESBURG LFM	(- - -)	LFM, 238°,6.5	NE Philadelphia
JOHNSVILLE AIRPORT	203 (142.74)	CN	3105 cont,4495,6210;116.1,126.18, 140.58,142.74 on req (8-1/2 hr past sunset)
MUSTIN NAAF (Philadelphia)	251(126.18) (142.74)	CN	(3);126.18,142.74 (7-sunset,other hrs on request.)
PHILADELPHIA (SW Arpt)	266(PG)(116.1)	SBMRAZ-VDT	(4); 116.1
Philadelphia SW Arpt.	278 (118.1)	CI;97°,3	(4);118.1
Philadelphia (NE Range)	371 (NF)	MLWZ-DT	
Philadelphia NE Arpt.	278	CI;238°,2.8	(4)
WILLOW GROVE (Navy)	391 (NXX)	MRLZ	(3); 142.74
Willow Grove NAS	356 (142.74)	CN; 241°,3.35	(3);142.74 (days only except on 1 hr advance notice)
WINGS FIELD (Ambler)	278	CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D. C.
HERNDON FM	(- - - -)	FM, 317°,21.8	Washington, D. C.
MOUNT VERNON	269(W)	FMK, 209°,8.2	Washington, D. C.
MOUNT VERNON FM	(. . - - - -)	FM, 209°,8.2	Washington, D. C.
QUANTICO (Navy)	203 (NYQ)	MRLZ	3105, 4495
Quantico MCAS	3295(142.74)	CN; 29°,4.6	(3); 142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WASHINGTON, D.C.	109.9 ·-- (W)	333.8	360° Mag.	IM ·····(0.03)	MM	OM	- - (3.6C)
					MMK	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Column Indicate VHF Voice.**

+ - Army **A.C.S. transmits on and** guards **116.1, 137.88, 140.58 mcs.**

AIRPORTS

DIST. OF COLUMBIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia (Washington) NAS (N)	2.4SE Monument	8	50h R1 L5 S4	100 oct. No ben.
(A) Bolling (Washington) (A)	3 SSE Monument	20	60h R1 L5 S6	73,100 oct.JP-1.Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct.JP-1 req. Rdo rec. req.730'Rdo Twr.6.2 NW. FOREIGN CLEARING STA. HATS.

MARYLAND

(A) Andrews (Camp Spring)(A)	1.5 E	279	55h R2(L6)S4		80,100 oct. JP-1
(N) Beltsville OLF (N)	5 ESE	180	40h		Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20	S4	80 oct. Pole line S.
College Park	8.5 NE of D.C	50	22	S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr (Croom)	3 E; RR W	40	20		Trees N,NNW
Congressional (Rockville)	2 SSE;hwy E	450	32	S6	80 oct. Pole line E,NE.
Curtis (Brandywine)(NC)	3 SSW;RR E	200	18		Pole line N,W.
Erco (Riverdale)	0.4 NE; RR W	50	38	S1	80 oct. Trees E,NE,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

MARYLAND

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
A) Ft. Meade (A)	0.5 NE ctr res	180	20h	
Hyde (Clinton)	2 WSW	249	32h S6	80,91 oct. Trees WNW,NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30 S1	80,91 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 SW; hwy W	177	27h S6	80 oct. Trees NW,SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18	S6	73 oct. Pole line NNE,SSE.
Bridgeport	0.8 ESE; RR N	23	18	S4	80 oct.
Burlington Airpark	1.7 NE		24	S4	80 oct. No sto.Data unverified.
Central (Camden)	1.8 E;riv S,W	20	25h		Open to private flying.
Echelon (Ashland)	0.5 SE;RR W	100	27	S6	80,91 oct. Pole line NW.
MARLTON-MEDFORD INC (Marlton)	1.5 ENE	80	30	S2	80 oct.
Mercer County,new (Trenton)	5 NW; RR SE	211	40h		
Mercer County, old (Trenton)	5.8 NW;RR E	200	25	S1	73,80,91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35	S6	80 oct.No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18	L S4	80 oct.Port. rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17	S6	80 oct. Pole line S,SSW.
Triangle (Glassboro)	4.3 ENE	150	18	S2	80 oct. Pole line SW.

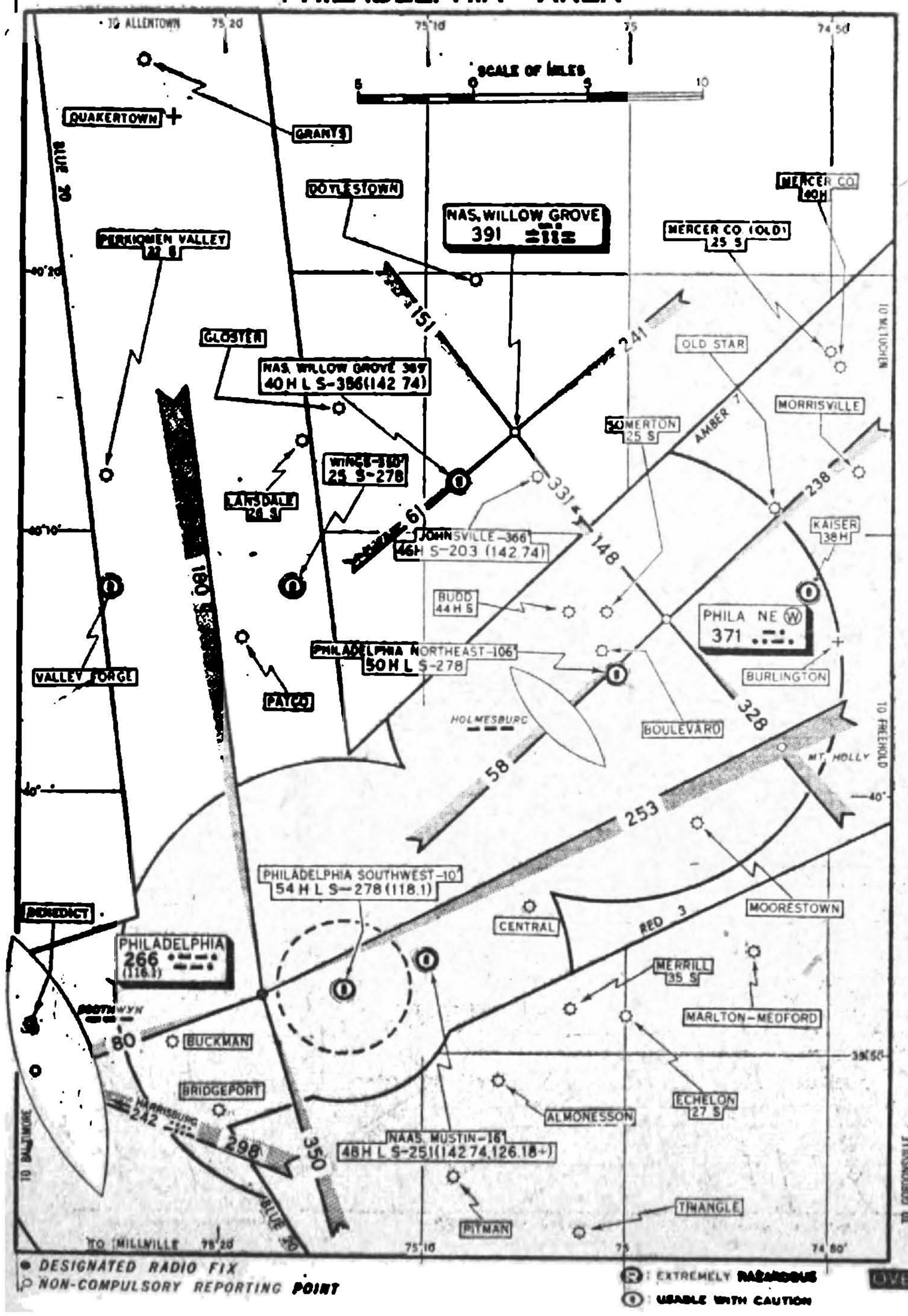
PENNSYLVANIA

Benedict (Chester)	6.5 W	40	26	S2	80 oct. Data unver
Boulevard (Philadelphia)	12 NE; RR SW	160	22	S4	80 oct. Obst sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20	S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h		
Doylestown	1.5 NNE;RR SW	400	22	S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22	S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW; hwy E	600	18	S6	80 oct.
(N) Johnsville NAMU (N)	0.8 NW; RR E	366	46h	R1 S4	91,100 oct. Res't to Navy.
Kaiser (Bristol)	2 N; riv SE	35	38h		Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26	S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W;riv E	180	28	S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h	R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24	S5	80 oct.No sto, Poles N,S.
Patco (Norristown)	2.5 SE;bet RRs	200	19	S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32	S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h	R2 L5 S1	80,91 oct.Rdo req.
" SOUTHWEST	6.5 SW;riv SW	10	54h	R2 L6 S6	82,91 oct. Rdo rec req.
Somerton (Philadelphia)	14 NE;RR N,E	200	25	S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW,SE	250	24	S6	80 oct.
(N) Willow Grove NAS (N)	4 NNW; hwy E	369	40h	R2 L5 S4	91,100 oct. No sto.HATS
Wings (Ambler)	3 WSW;rds E,W	350	25	R1 S6	80,91 oct. Trees N,S.
Quakertown	2N; hwy E	511	21	S6	80 oct. Data unverified.

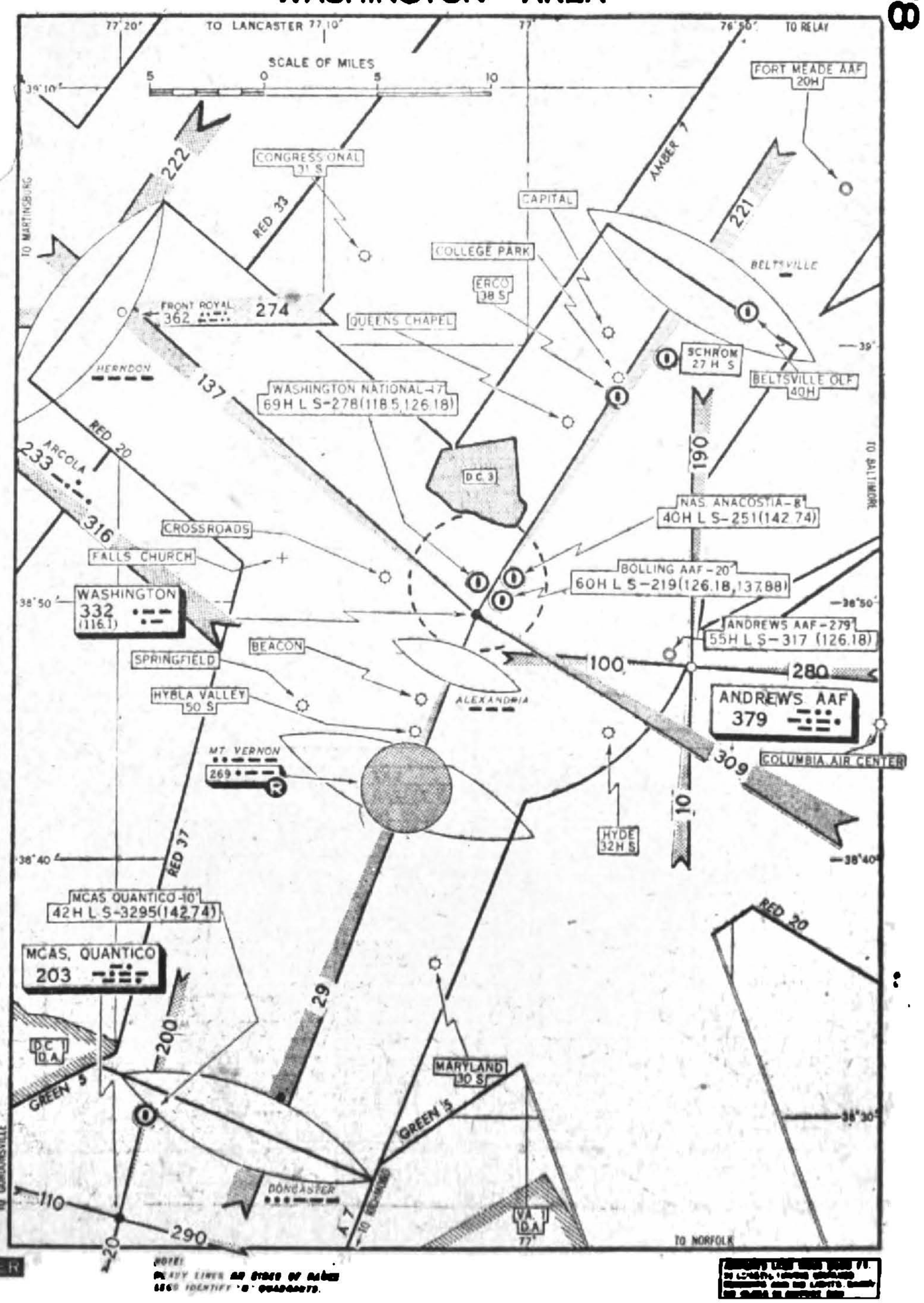
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	240	24	L1 S6	80 oct.No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20	S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26	S6	No sto. Data not verified.
Hybla Valley (Alexandria)	4.5 SSW;hwy E	66	50	S6	80 oct. Trees,pole lines sur fld.
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h	R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,W	240	20	S4	80 oct. No sto. Obsts sur fld.

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

(R) : EXTREMELY HAZARDOUS
(D) : USABLE WITH CAUTION

OVER

NOTE:

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ : USABLE WITH CAUTION

ALBANY 43

ID BRANCHVILLE

LAKE SUSQUEHANNA

TRINCA

AIRCRAFT RADIO CORP

LINCOLN PARK

MURCH ID

NEW HACKENSACK 236

TETERBORO 326

LA GUARDIA 362 116.1,118.1,118.7,126.8

NEW ROCHELLE 275

PORT CHESTER 24

CALDWELL-WRIGHT 254 126.18

E. HANOVER

HACKETTSTOWN

MORRISTOWN

LITTLE FERRY

CLASON'S PT

NEW YORK 209 116.1

HICKSVILLE

AVIATION COUNTRY CLUB

GRUMMAN 323

CARLL

MASTIC

MACARTHUR 278

NEWARK 341 116.1

NEWARK 278 118.3,126.18

FLATBUSH 353

FLUSHING

ROOSEVELT

REPUBLIC 371

ZAHNS

FITZMAURICE

MITCHEL AAF 272 126.18

COLUMBIA

IDLEWILD (W) 248

MITCHEL AAF 227

ROCKAWAY

SOMERSET HILLS

WESTFIELD

SHINN

WOODBRIDGE

SOMERSET

NW JERSEY

SOLBERG HUNTERDON

HADLEY

HUGHES

STATEN IS

FLOYD BENNETT 379

NAS. FLOYD BENNETT 532

NO BRUNSWICK

METUCHEN

PRINCETON

PENNINGTON

MERCER CO

MERCER CO. (OLD)

NASSAU

MATAWAN (W) (VHF) 108.7

NAS. FLOYD BENNETT 388 142.74

AMBROSE

RED BANK

NEW YORK

FREEHOLD

HIGHTSTOWN

MORRISVILLE

SKYHAVEN

OLD STAR

ASBURY PARK

MONMOUTH CO

BLUE 18

KAISER

BURLINGTON

PHILA. NE (W) 371

PHILADELPHIA 266

MOORESTOWN

FORT DIX AAB.

CASSVILLE

LAKEWOOD

NAS. LAKEHURST 3295 142.74

NAS. LAKEHURST 520

FORKED RIVER

MILLVILLE 365

EXTENSIVE MILITARY AND OPERATIONS ON SHORE AREA TO APPROX 100 M SEAWARD & BOUND BY 5 CONNECTING SEGMENTS 5 SQUND LAT 39-00

NOTE:
HEAVY LINES ON SIDES OF BASE LEGS INDICATE A QUADRANTS.

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

OVER

SOUTHERN NEW JERSEY

N. Y. OCEANIC ATC

WASH. OCEANIC ATC

NAS ATLANTIC CITY 359 142.74

DOWNSTOWN

CAVOLI'S

ATLANTIC CITY

WOODBINE

SMITH

WILDWOOD

CGAS. CAPE MAY

SCALE OF MILES
10 0 10 20 30

NEW YORK 79

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	359 (142.74)	CN	(3); 142.74 (8-sunset)
→ CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 224°, 40	New York, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. - - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS);58°, 1.0	(4); 122.5,126.18,118.3
→ TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

CLASON'S POINT LFM	(-)	LFM, 44°, 7.5	New York
FLATBUSH	353 (F)	FMK, 224°, 8.3	New York
FLATBUSH FM	(- - -)	FM, 224°, 8.3	New York
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
→ Floyd Bennett Fld NAS	368(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
→ Floyd Bennett Fld NAS	532	K	Floyd Bennett NAS
GRUMMAN (Bethpage, L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°, 2.3	116.1,118.7
→ LA GUARDIA (N.Y.)	362(126.18,118.1	AC (ILS)	(4);126.18,118.1,122.5.Airline ops
MacARTHUR FIELD (Islip)	278(118.7, 116.1)	CI	3105 (9-17 weekdays,ngt.&
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3) Sunday if important)
→ Mitchel Field	272 (126.18+	CA(ILS)(GCA);301°,3.2	(3); 126.18 (app ctl)
NEW YORK (La Guardia)	209 (LG)(116.1)	SBMRAPZ-DTV;44°,3.4	(3); 116.1
NEW ROCHELLE	275 (R)	K; 44°, 12.8	New York
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
REPUBLIC FIELD(Farmingdale)	371	CI	(3)(days)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
→ MITCHEL, (L6) (Hempstead,N.Y.)	110.3 (W)	335	300° Mag.	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)	
					MMK-257 --(0.87)	OMK-201 ---(4.14)	
→ NEWARK, (L6) N.J.	109.5 (W)	332.6	58° Mag.	IM-	MM- (0.59)	OM- (3.8)	
					MMK-201 ----(0.59)	OMK-219 -- (3.3)	
→ NEW YORK,N.Y. (LaGuardia)	109.9 (W)	333.8	44° Mag.	IM- (0.05)	MM- ····· (0.81)	OM- -- (3.4)	
					MMK-233 ---(0.81)	OMK-317 --- (4.5)	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aero-Marine Terminal (Keyport)	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
→ Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.5 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
→ LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
Nassau(Hempstead) (N.J.)	4.5 E;hwy N	80	21	
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page 1x) NC-(not charted). → NEW OR REVISED DATA

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT, 149°, 0	(4); 116.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°, 16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4); 126.18, 118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3); 116.1
LOS ANGELES	260 (LA)(116.)	SBRAZ-VDTX, 244°, 8	(3); 116.1, 122.1
LOS ANGELES	109.1(LA)	BVAR	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CNIGCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18, 142.74
MT. LAGUNA	254 (TN)(116.1)	BHVT	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°, 2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT, 317°, 0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHVT	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°, 34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105, 142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°, 2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND NAAS	3295(142.74)	CN	3105, 4495; 142.74
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT, 139°, 2.3	(3); 116.1
San Diego NAS	266 (142.74)	CN (GCA)	(3), 126.18, 142.74
San Diego NAS (Seaplane)	2870	CN	
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Combass Locators in kcs)

LOCATION	LOCALIZER	G/P	APPR. HEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S, hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington (Riverside)	4.5 WSW, RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE, RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes (Rosamond)	12 E, rd N	2300	38	(NC)
Barstow	1.8 N, hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW, hwy S	6850	35 S1	80,91 oct.
Borderland (San Ysidro)	1.5 WNW, RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE, RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 181) NC-(not charted) → NEW OR REVISED DATA

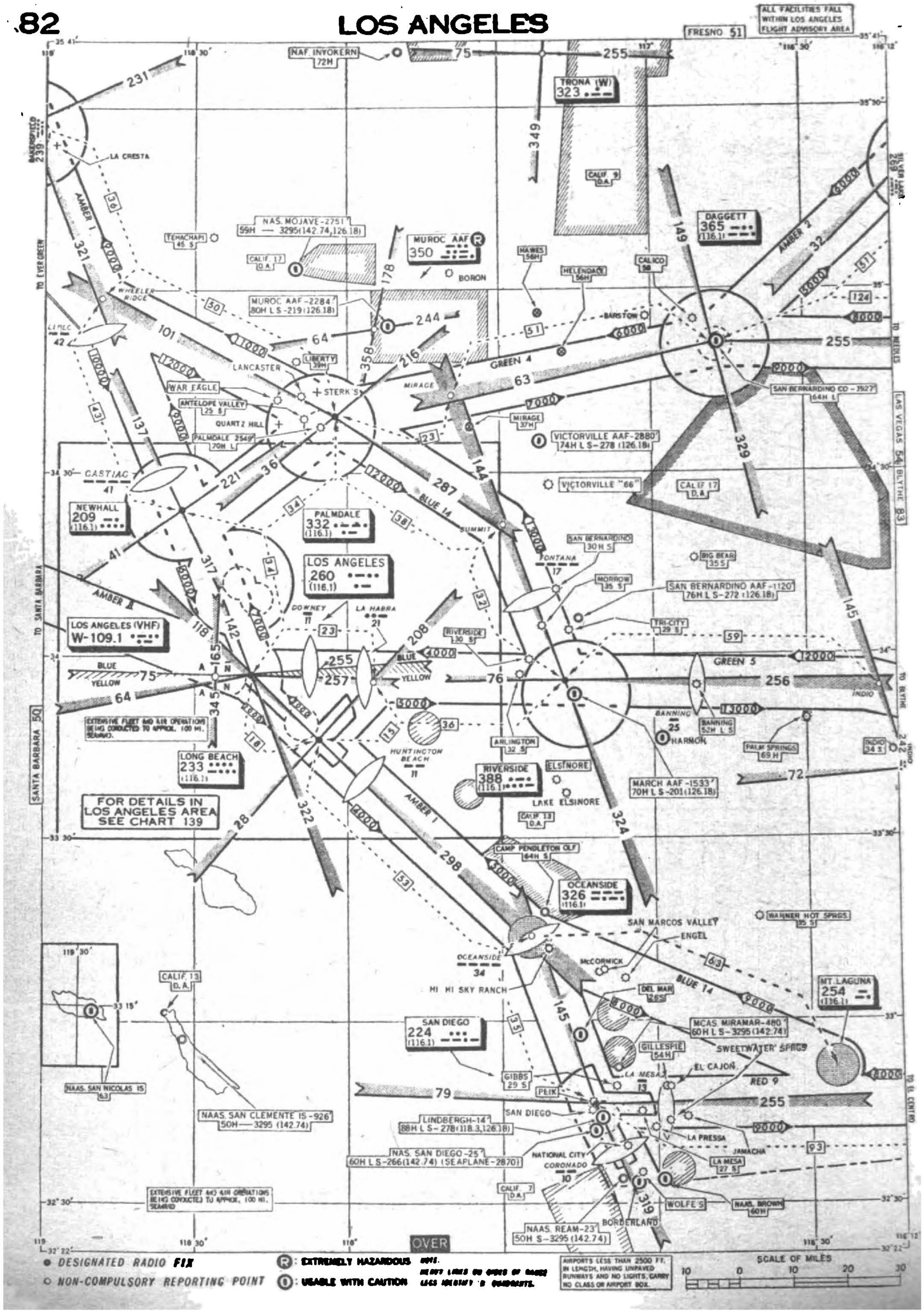
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay) (N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs (Avalon) (NC)	7 NW	1560	35	On Catalina Island, PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton → OLF (Oceanside) (N)	6 NNE, RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island) (N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea) (N)	25 W of ctr	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N, hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE, RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel (Escondido)	1.5 W, RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs (San Diego)	7 NNE, hwy W	405	29 S4	87 oct. No sto. Poles NE,E
(N) Gillespie MCAAF (N)	1 SSW, rd E	385	54h	Towers W. 'Sante
Harmon (San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes (Victorville) (A)	27.5 N, RR N	2319	56h	CLOSED
Hi Hi Sky Ranch → (Oceanside)	1.5 ENE, RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
(A) Helendale (Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE, RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW, RR E	2455	72h	NATS
Jamacha (La Mesa)	6.8 ESE, riv N	520	18 S6	80,91 oct. Hills E.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore (Elsinore)	4 SSE, lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW, hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW, RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa (La Mesa)	4 S, hwy W	275	19 S4	80 oct.
Liberty (Rosamond)	4.1 S, RR E	2300	39h	
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	80,91 oct. Rdo rqrd ARMY TMP INACT CIVIL FACS
(A) March (Riverside) (A)	8.8 SE, RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW, RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage (Victorville) (A)	18 WNW, rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave NAS (N)	0.7 E, hwy W	2751	59h R1	INACTIVE
Morrow (Rialto)	1.8 S, RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S, dry lake N	2284	80h R2 L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
National City	1.1 SSE, RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE, RR W	2549	70h R1 L5 S2	91,100 oct.
PALM SPRINGS	2.5 E, RR NE	448	69h L5	Lgts prior req.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct. Port rnwy lgts. Data unver.
Ramona →	0.6 WNW,			ABANDONED
Randsburg (NC)	1.8 NE, rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N, RR W	400	15	
Ryan (Hemet) (NC) →	2.5 WSW			ABANDONED
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE, RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver. JP-1
San Bernardino Co. (Daggett)	5 E, RR S	1927	64h R1 L3	
(N) San Clemente Island → OLF (N)	8 S of N end	926	50h R1	INACTIVE.
San Diego	5 NW, bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W, RR, hwy S	530	19 S4	80 oct. No sto. Hill NE

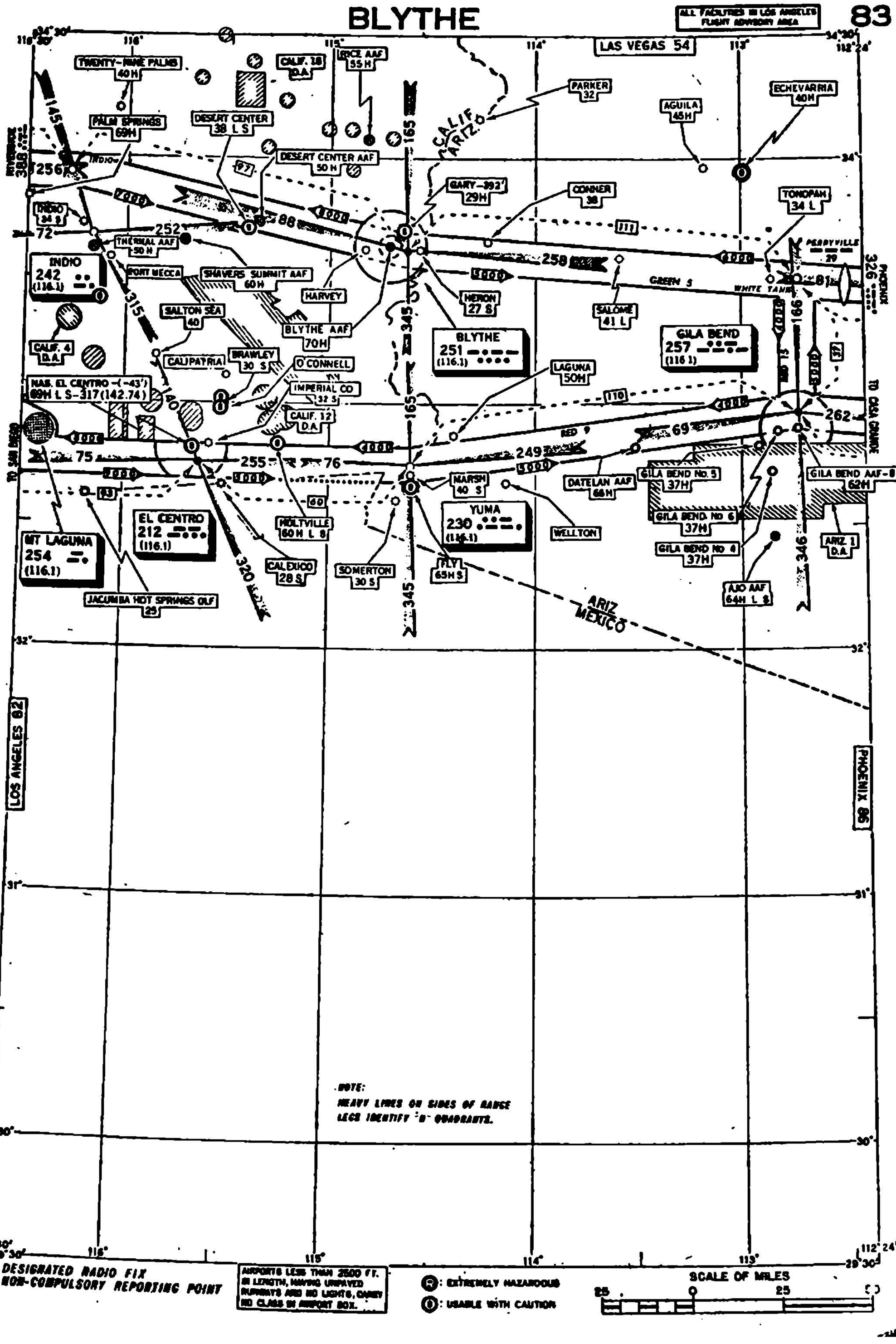
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island → OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE, hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N, RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE, RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF (A)	6 NW, RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW, RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W, hwy N	2348	31	
Warner Hot Springs	3 W, hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE, RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.5 E	480	30h	

LOS ANGELES


ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA
FRESNO 51
NAF INYOKERN 72H
TRONA (W) 323
DAGGETT 365 (116.1)
BAKERSFIELD 239
LA CRESTA
AMBER 1
NAS MOJAVE-2751' 59H — 329S(142.74,126.18)
TEHACHAPI 45 S
CALIF 17 D.A.
MUROC AAF 350
BORON
HAWES 56H
HELENDALE 56H
CALICO 58
MUROC AAF-2284' 80H L S-219 (126.18)
BARSTOW
WHEELER RIDGE
LIVEC 42
LANCASTER
LIBERTY 39H
WAR EAGLE
STERK'S
ANTELOPE VALLEY 25 S
QUARTZ HILL
PALMDALE 2549' 70H L
MIRAGE
MIRAGE 37H
VICTORVILLE AAF-2880' 74H L S-278 (126.18)
VICTORVILLE "66"
CALIF 17 D.A.
SAN BERNARDINO CO-3927' 64H L
CASTIAC 41
NEWHALL 209 (116.1)
PALMDALE 332 (116.1)
BLUE 14
SUMMIT
SAN BERNARDINO 30H S
FONTANA 17
BIG BEAR 35 S
LOS ANGELES 260 (116.1)
DOWNEY 11
LA HABRA 21
MORROW 35 S
SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)
LOS ANGELES (VHF) W-109.1
RIVERSIDE 30 S
TRI-CITY 29 S
BLUE YELLOW
GREEN 5
INDIO
EXTENSIVE FLEET & AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.
BANNING 25
BANNING 52H L S
HARMON
PALM SPRINGS 69 H
INDIO 34 S
LONG BEACH 233 (116.1)
HUNTINGTON BEACH 11
ARLINGTON 32 S
RIVERSIDE 388 (116.1)
ELSINORE
MARCH AAF-1533' 70H L S-201 (126.18)
LAKE ELSINORE
CALIF 13 D.A.
FOR DETAILS IN LOS ANGELES AREA SEE CHART 139
CAMP PENDLETON OLF 64H S
OCEANSIDE 326 (116.1)
SAN MARCOS VALLEY
ENGEL
WARNER HOT SPRGS 35 S
OCEANSIDE 34
McCORMICK
HI HI SKY RANCH
DEL MAR 26S
MT LAGUNA 254 (116.1)
SAN DIEGO 224 (116.1)
MCAS MIRAMAR-480' 60H L S-3295 (142.74)
GILLESPIE 54H
SWEETWATER SPRGS
EL CAJON
LA MESA
RED 9
GIBBS 29 S
PEIK
SAN DIEGO
LINDBERGH-14' 88H L S-278 (118.3,126.18)
LA PRESSA
JAMACHA
NAS. SAN DIEGO-25' 60H L S-266(142.74) (SEAPLANE-2870)
NATIONAL CITY
CORONADO 10
LA MESA 27 S
CALIF 7 D.A.
WOLFE'S
NAAS. BROWN 60H
NAAS. SAN NICOLAS IS 63
NAAS. SAN CLEMENTE IS-926' 50H — 3295 (142.74)
NAAS. REAM-23' 50H S-3295 (142.74)
BORDERLAND
OVER
TO EVERGREEN
TO SANTA BARBARA
SANTA BARBARA 50
TO NEEDLES
LAS VEGAS 54
BLYTHE 83
TO BLYTHE
INDIO
TO EL CENTRO
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

BLYTHE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

RADIO AIDS

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA	230(UP)(116.1)	SBMRAZ-VDT,165°,5.8	(4); 116.1

CALIFORNIA

BLYTHE	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice. Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner(Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echeverria (Wickenburg)	14.8 WSW,RR N	2380	40h	
→ (A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
→ (A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
→ (A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
→ (A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int.27B, LA-PH	13.5 S	1354	41 L3	Mths 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. OF ENTRY
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. AIRPT
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35' poles all zones.
(N) Clark's Dry Lake → OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF → -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF → -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
→ Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct.Data unver.
PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → New or revised data.

PHOENIX

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CT)(116.1)	SBMRAZ-VDT,283°,2.2	(4); 116.1
➤ DAVIS MONTHAN FIELD (Tucson)	366 (126.18) (116.9)+	C	(3); 116.1,126.18,118.3, 122.8
HILLTOP FM	(-)	FM, 78°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 39.4	Phoenix
PHOENIX (Sky Harbor Airport)	328(PH)(116.1)	SBMRAZ-VDT,281°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
[redacted]			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°.0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

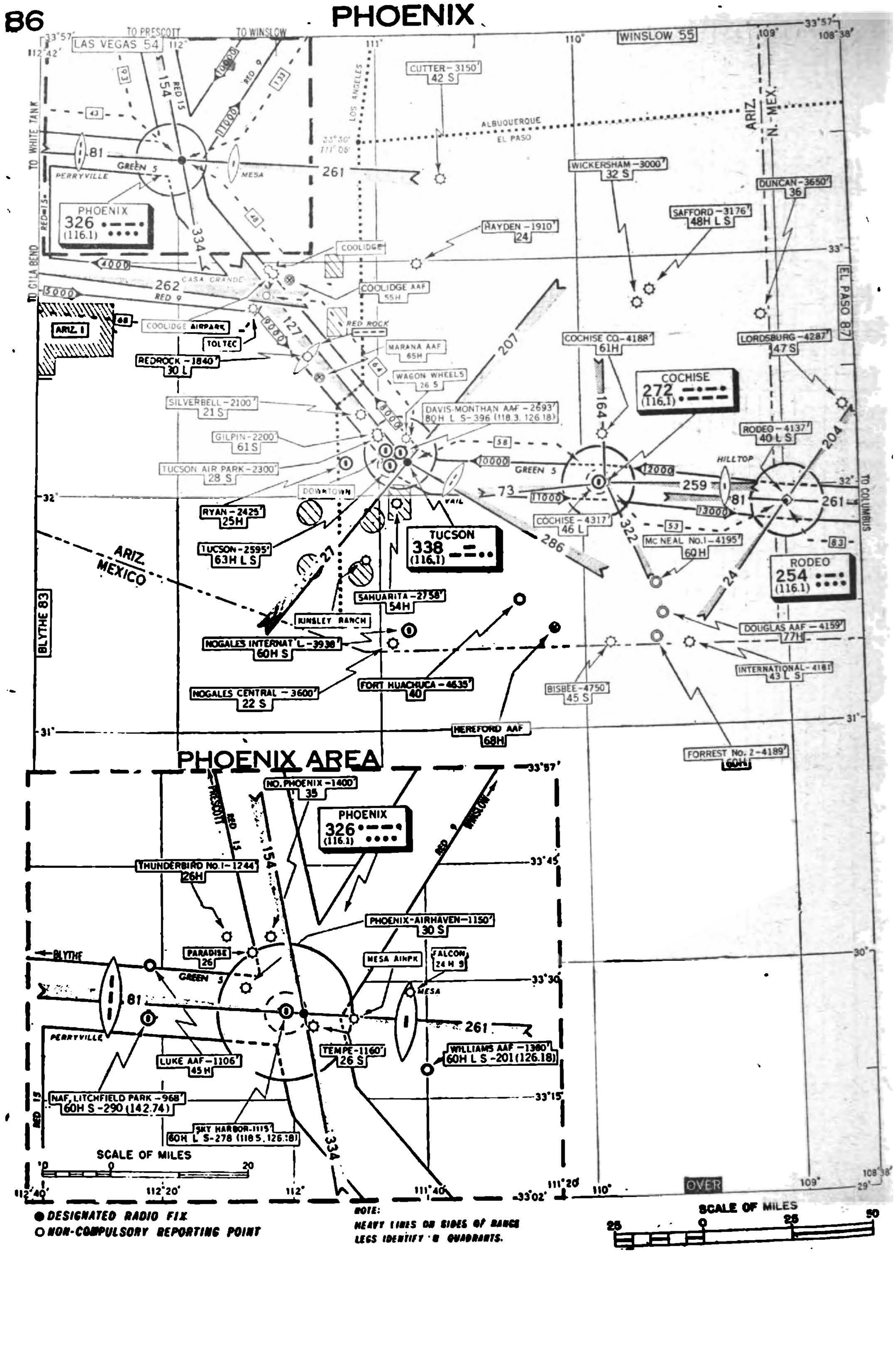
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct. Poles W. Port. rwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
* Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1567	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2693	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4150	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3850	36	Poleline, race track W.
Falcon (Mesa) (NC)	7.3 NE,hwy S	1332	24h S6	80,91 oct. No slo.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
Ft. Apache (White River)(NC)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1082	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1100	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No slo.

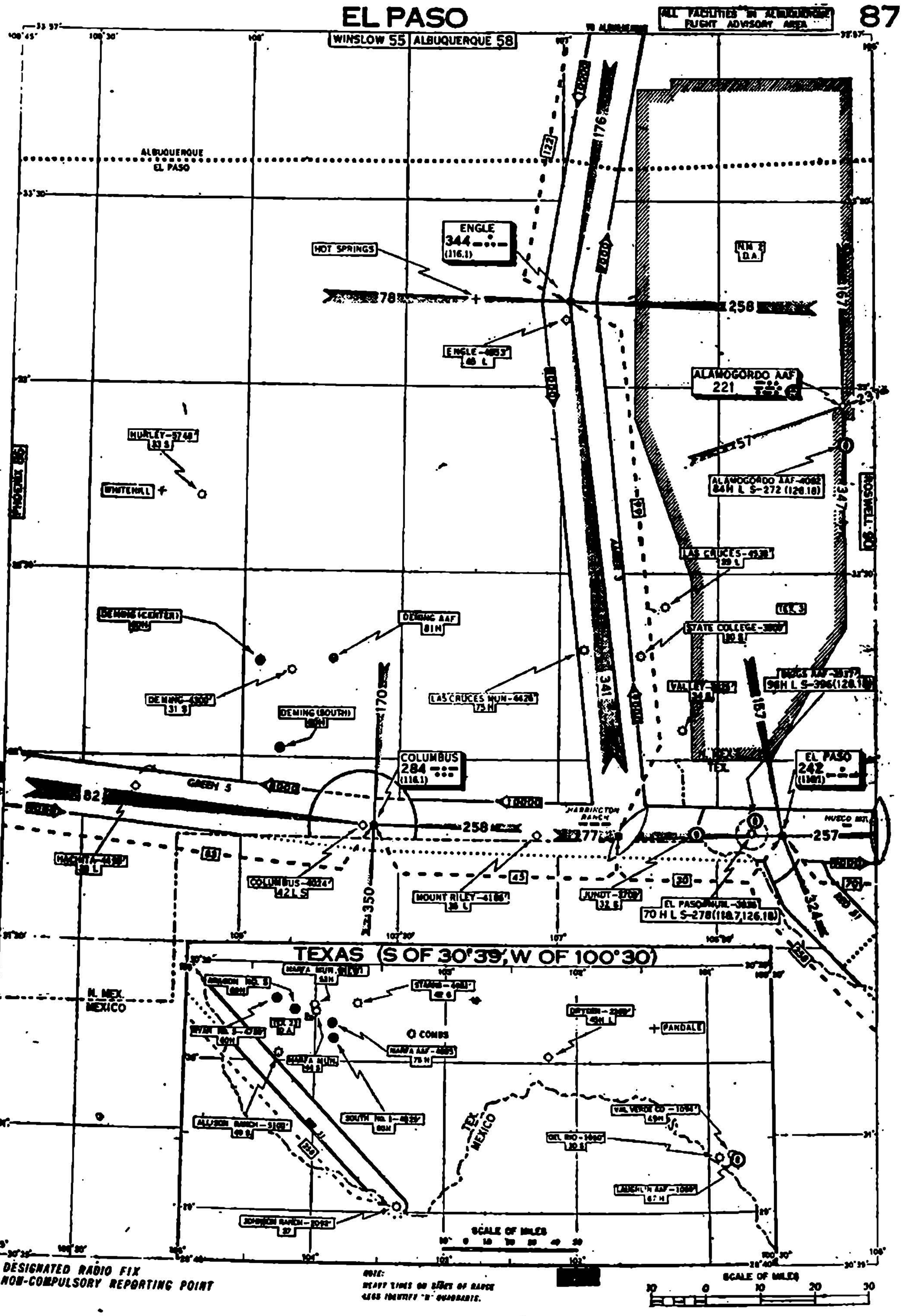
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airpaves	3.9 WNW,RR W	1150	30 S6	80 oct. No slo. Poles SW,NE.
* Redrock Int, 7B, PH-EO	2.3 NW,RR E	1040	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	46h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E, trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No slo. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE, bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
[redacted]				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
Downtown (Tucson, Ariz.)	1.4 S,RR SW	2400	34 S2	80,91 oct. Poles N.

Hard surfaced runways. # radio facilities. L-lighting facilities. S-servicing. (See page 11), NC-(not checked). → NEW OR REVISED DATA.

PHOENIX


LAS VEGAS 54
TO PRESCOTT
TO WINSLOW
WINSLOW 55
CUTTER – 3150'
42 S
ALBUQUERQUE
EL PASO
ARIZ.
N. MEX.
LOS ANGELES
TO WHITE TANK
PERRYVILLE
GREEN 5
MESA
PHOENIX
326
(116.1)
RED 15
RED 9
RED 13
TO GILA BEND
CASA GRANDE
COOLIDGE
HAYDEN – 1910'
24
COOLIDGE AAF
55H
COOLIDGE AIRPARK
TOLTEC
REDROCK – 1840'
30 L
ARIZ. 1
RED ROCK
MARANA AAF
65H
WAGON WHEELS
26 S
SILVERBELL – 2100'
21 S
GILPIN – 2200'
61 S
TUCSON AIR PARK – 2300'
28 S
DOWNTOWN
RYAN – 2425'
25H
TUCSON – 2595'
63H L S
TUCSON
338
(116.1)
SAHUARITA – 2758'
54H
KINSLEY RANCH
NOGALES INTERNAT'L – 3938'
60H S
NOGALES CENTRAL – 3600'
22 S
FORT HUACHUCA – 4635'
40
HEREFORD AAF
68H
ARIZ.
MEXICO
BLYTHE 83
EL PASO 87
TO COLUMBUS
COCHISE CO. – 4188'
61H
COCHISE
272
(116.1)
LORDSBURG – 4287'
47 S
RODEO – 4137'
40 L S
HILLTOP
COCHISE – 4317'
46 L
MC NEAL NO. 1 – 4195'
60H
RODEO
254
(116.1)
DUNCAN – 3650'
36
SAFFORD – 3176'
48H L S
DOUGLAS AAF – 4159'
77H
INTERNATIONAL – 4181'
43 L S
BISBEE – 4750'
45 S
FORREST No. 2 – 4189'
60H
PHOENIX AREA
NO. PHOENIX – 1400'
35
PHOENIX
326
(116.1)
THUNDERBIRD No. 1 – 1244'
26H
PHOENIX-AIRHAVEN – 1150'
30 S
PARADISE
26
MESA AIRPK
FALCON
24 H 9
TEMPE – 1160'
26 S
LUKE AAF – 1106'
45 H
WILLIAMS AAF – 1380'
60H L S – 201 (126.18)
NAF, LITCHFIELD PARK – 968'
60H S – 290 (142.74)
SKY HARBOR – 1115'
60H L S – 278 (118.5, 126.18)
SCALE OF MILES
OVER
SCALE OF MILES
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'B' QUADRANTS.

EL PASO


WINSLOW 55
ALBUQUERQUE 58
ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
ALBUQUERQUE
EL PASO
ENGLE
344
(116.1)
HOT SPRINGS
ENGLE
ALAMOGORDO AAF
221
HURLEY
WHITE HILL
DEMING (CENTER)
DEMING AAF
81 H
DEMING (SOUTH)
LAS CRUCES MUN - 4478'
75 H
COLUMBUS
284
(116.1)
GREEN 5
HACHITA
COLUMBUS
42 L S
MOUNT RILEY
JUNOT
STATE COLLEGE
EL PASO
242
(116.1)
HARRINGTON RANCH
HUECO INT.
EL PASO MUNI.
70 H L S-278(116.7,126.1R)
ALAMOGORDO AAF
84 H L S-272 (126.1R)
LAS CRUCES
TEXAS (S OF 30°39', W OF 100°30')
N. MEX.
MEXICO
COMBS
PANDALE
ALLISON RANCH
SOUTH
TEX.
MEXICO
SCALE OF MILES
SCALE OF MILES
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON EDGES OF RADIO
LEGS INDICATE "R" QUADRANTS.

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army	221 (DGR)	BMRLZ	(3);4220;126.18
→ Alamogordo AAF	272 (126.18)	CA;167°,6.5	(3);126.18 (730-24)
COLUMBUS (Int.)	**284(KS)(116.1)**	**SBMRAZ-VDT, 262°, 1.9**	**(4); 116.1**
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3); 116.1
El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°.4.9	(4):122.5,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
BIGGS, (El Paso, Tex)	109.9		213° Mag.	IM- (0.26)	MM- ····· (0.85)	OM- -- (3.50)
					MMK-	OMK-
→ EL PASO, TEX.	109.5 ·-- (W)	332.6	217° Mag	IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simpl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
* **Columbus Int,34,** PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
* **Engle** Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
* **Hachita** Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver.
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.
Las Cruces (NC)	1 NE,hwy N	3900	35	
Las Cruces, mun.	8.5 W,hwy S	4426	75h	Cattle on fld.
Las Cruces 4,EO-PU	9.5 NE,hwy S	4538	39 L3	Pwr line S, Mtn E.
* Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	**73 oct.No sto.**
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct,50' hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N,Rnwy data unver.
TEXAS				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.JP-1.No range.
Blair Ranch (Marathon (NC)	23.5 SSW,hwy E	4180	24	**PRIVATE.**
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	**PRIVATE.**
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
* Dryden Int,29,EO-I	5.7 W,hwy N	2300	45h L3	
→ **EL PASO MUN.**	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 **oct.** No sto. ARPT OF ENTRY.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline
Presidio (NC)	4 N,hwy W	2850	48	NOT MNTND. S, SW.
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.
Pandale (Tex.)	8 NE		20 S2	80 oct. Data unver.
Combs (Marathon) (Tex)	0.7 SE; RR, hwy N	4100	27 S2	80 oct. Data unver.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page IX) NC-(not charted) → New or revised data

RADIO AIDS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA:255°, 3.6	(3); 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT:162° 2.7	(4); 116.1

S-Simul Range and Voice. W Without Voice. Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
CARLSBAD MUN.	6.1 SSW,	3276	65h L5	Hwy E,Rnwy lgts on req.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	CLOSED
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

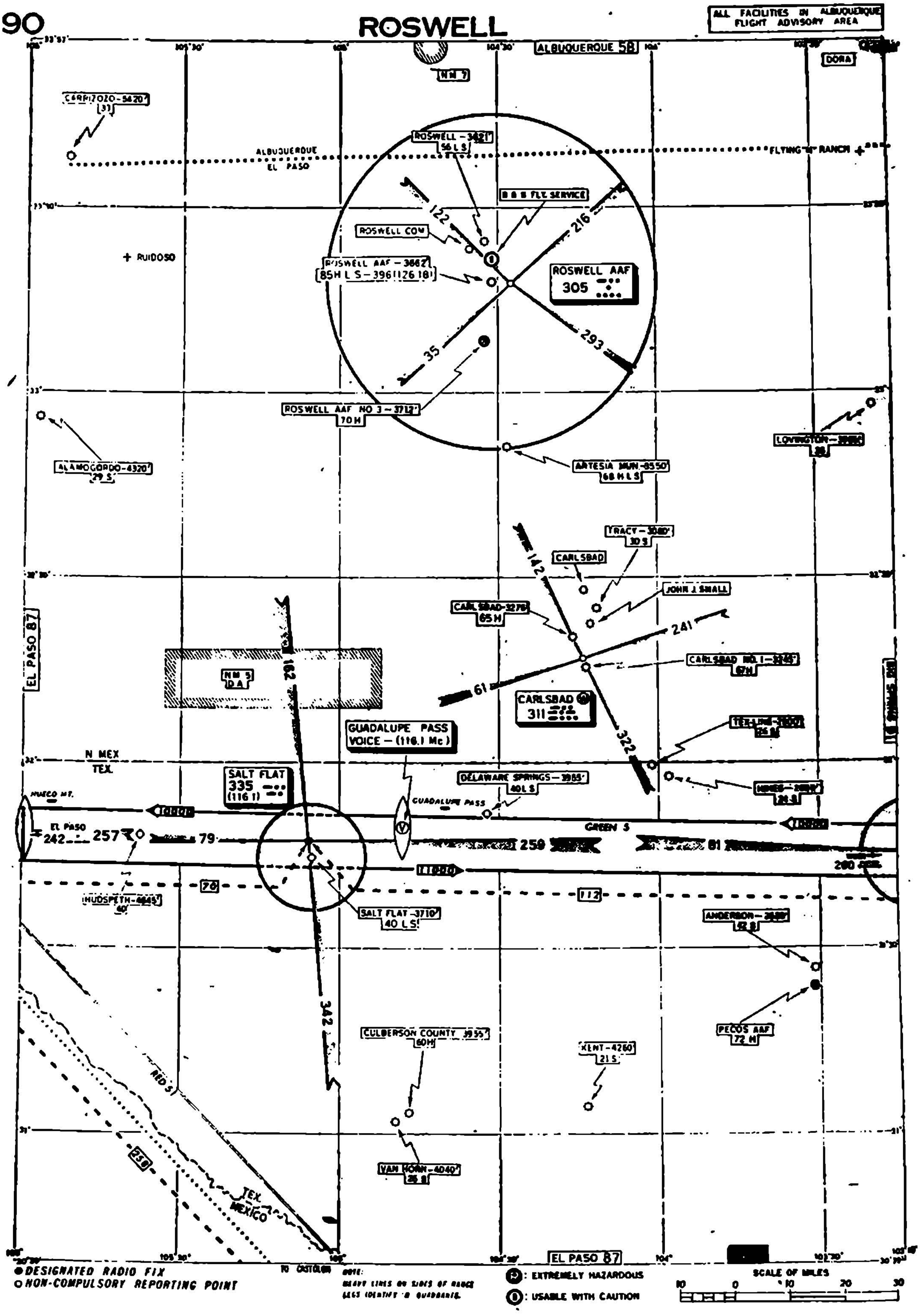
AIRPORTS TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, SO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
(A) Pecos AAF(A)	2.2 SSW	2617	72h	RR W CLOSED
★ Salt Flat Int.8A,EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N,Hwy N.
Tex-Line (Orla)	13,7 NNW	2900	26 S1	Ltd 80 oct. Hwy W
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.

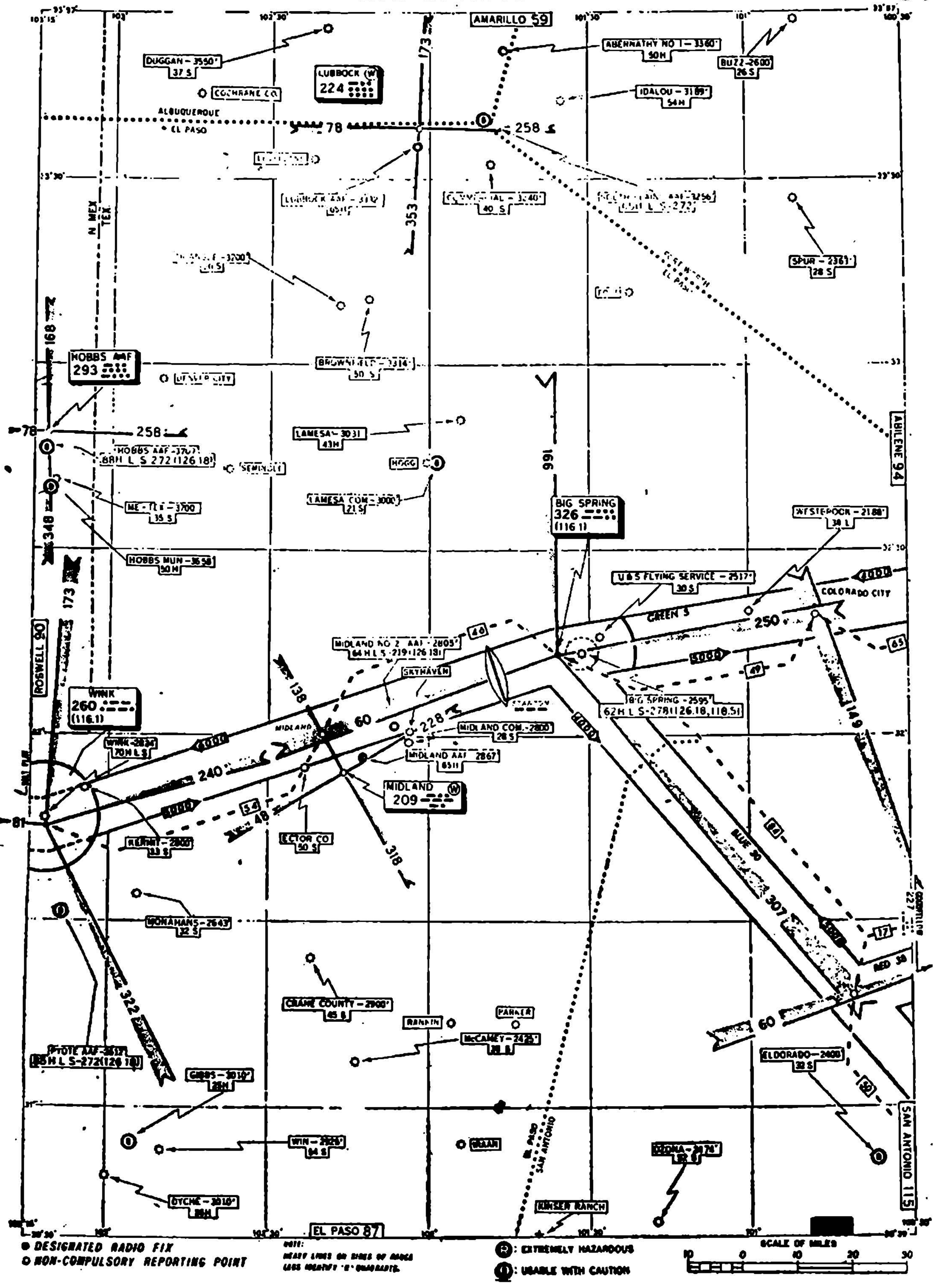
NEW AIRPORTS

h-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC-(not charted). ➡ New or revised data

ROSWELL


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
ALBUQUERQUE 58
DORA
NM 7
CERRILLOS-5420'
31
ALBUQUERQUE
EL PASO
ROSWELL-3421'
56 L S
FLYING "M" RANCH
B & B FLT SERVICE
122
216
ROSWELL COM
RUIDOSO
ROSWELL AAF-3662'
85 H L S-396 126 181
ROSWELL AAF
305
35
293
ROSWELL AAF NO 3-3712'
70 H
ALAMOGORDO-4320'
29 S
ARTESIA MUN-3550'
68 H L S
LOVINGTON-3996'
25
TRACY-3080'
30 S
CARLSBAD
CARLSBAD-3279'
65 H
JOHN J SMALL
142
241
CARLSBAD NO 1-3245'
67 H
CARLSBAD
311
61
322
EL PASO 87
NM 5
DA
291
GUADALUPE PASS
VOICE-(116.1 Mc)
N MEX
TEX.
SALT FLAT
335
(116.1)
DELAWARE SPRINGS-3985'
40 L S
GUADALUPE PASS
HUECO MT.
EL PASO
242
257
79
250
61
GREEN S
70
112
HUDSPETH-4045'
40
SALT FLAT-3710'
40 L S
ANDERSON-3680'
42 S
342
CULBERSON COUNTY 3955'
60 H
XENT-4260
21 S
PECOS AAF
72 H
RED 5
258
TEX.
MEXICO
VAN HORN-4040'
25 S
EL PASO 87
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF HUECO
LEGS IDENTIFY 8 QUADRANTS
E: EXTREMELY HAZARDOUS
B: USABLE WITH CAUTION
SCALE OF MILES
30 20 10 0 10 20 30

BIG SPRING



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LEGS INDICATE "E" ALTITUDES.

Ⓔ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

SCALE OF MILES
10 0 10 20 30

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-23)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
		TEXAS	
BIG SPRING	326(BZ)(116.1)	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	278 (126.18) (118.5)	C; 70°, 3.9	(4); 126.18,122.5,118,5
LUBBOCK (AAF)	224 (DHH)	MRLWZ; 173°, 3.7	
MIDLAND	209 (DON)	MRLWZ;48°,3.8-AAF	
Midland No. 2	219 (126.18)	CA	(4); 140.58,126 18
PYOTE AAF	272 (126.18)	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	272	CA	(3) (8-22)
STANTON FM	(- - -)	FM, 240°,12	Big Spring.
WINK	260(WP)(116.1)	SBRAZ-VDT,353°,1.2	(4); 116.1

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	91,100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct. Pole line N,W,NW.
		TEXAS		
(A) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS
(N)(P) BIG SPRING Brownfield	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct. NATS (Ferry
	5 E; hwy N	3314	50 S2	80 oct. P-line N,NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct. Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips.
Crane Co. (Crane)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct. PRIVATE. Data unverified.
Lamesa	8 NNE;hwy S	3031	43h	Use rnwys only.
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct. Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct. Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	CLOSED
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct. No sto. Rnwy data unverified.
(A) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE; RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW; RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
	NEW AIRPORTS			
→ Denver City (Tex.)	0.8 NW	3584	40 S1	80 oct. Data unver.
Hogg (Lamesa, Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan, (Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct. P-line N,S. SE. Use strips only.
Parker, (Texan, Tex.)	2.3 W; RR N	2700	32	Use strips only.
Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W blocked Canyon E.
Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct. P-line ENE,SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX) NC-(not charted). → NEW OR REVISED DATA.

ABILENE

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3);116.1,122.1
Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4); 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW:190°,2	
HARPERSVILLE (Int.)	284(SV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°. L7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs

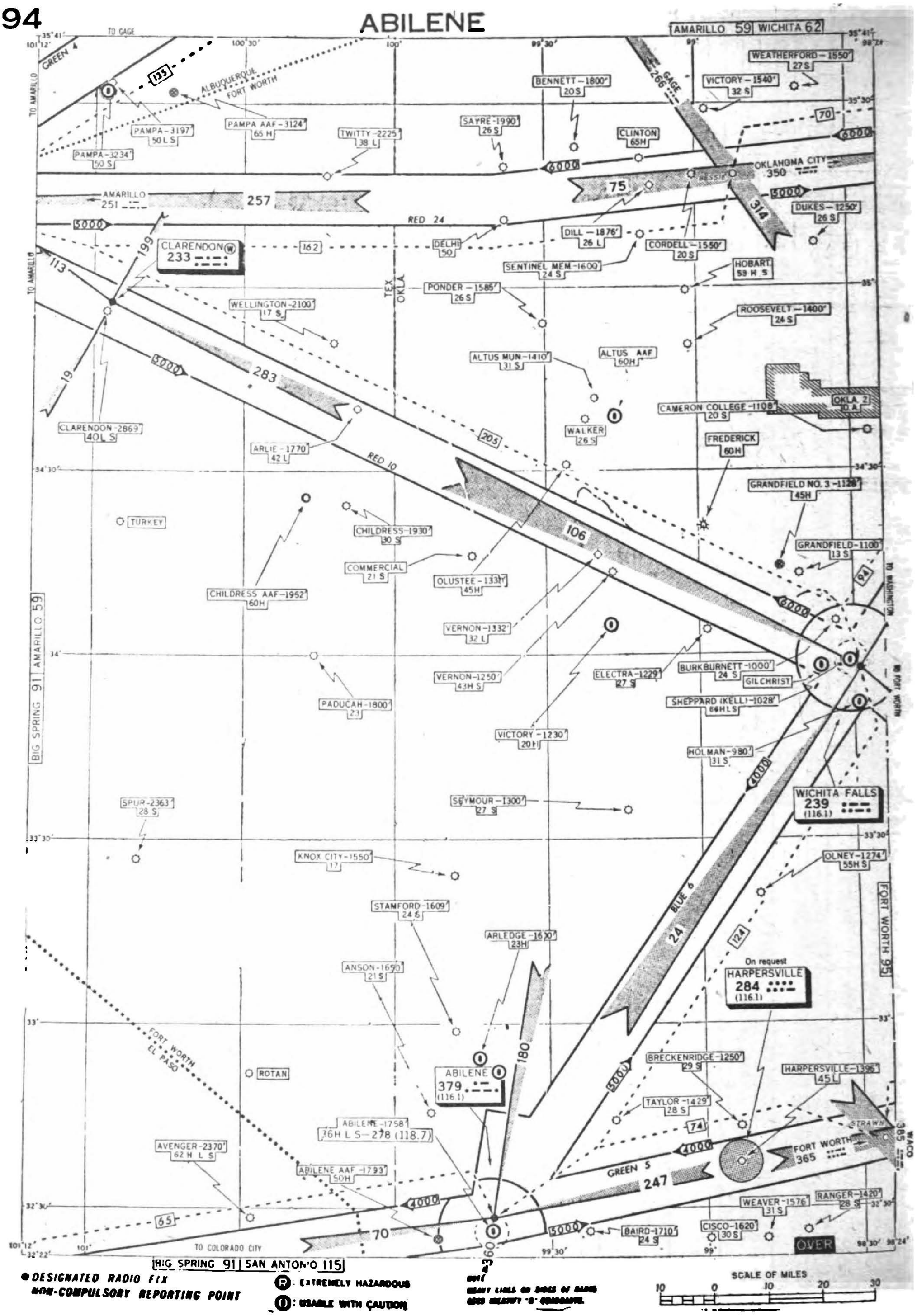
AIRPORTS — OKLAHOMA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct. Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct. Poleline W. Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct. Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct. Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct. Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct. Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

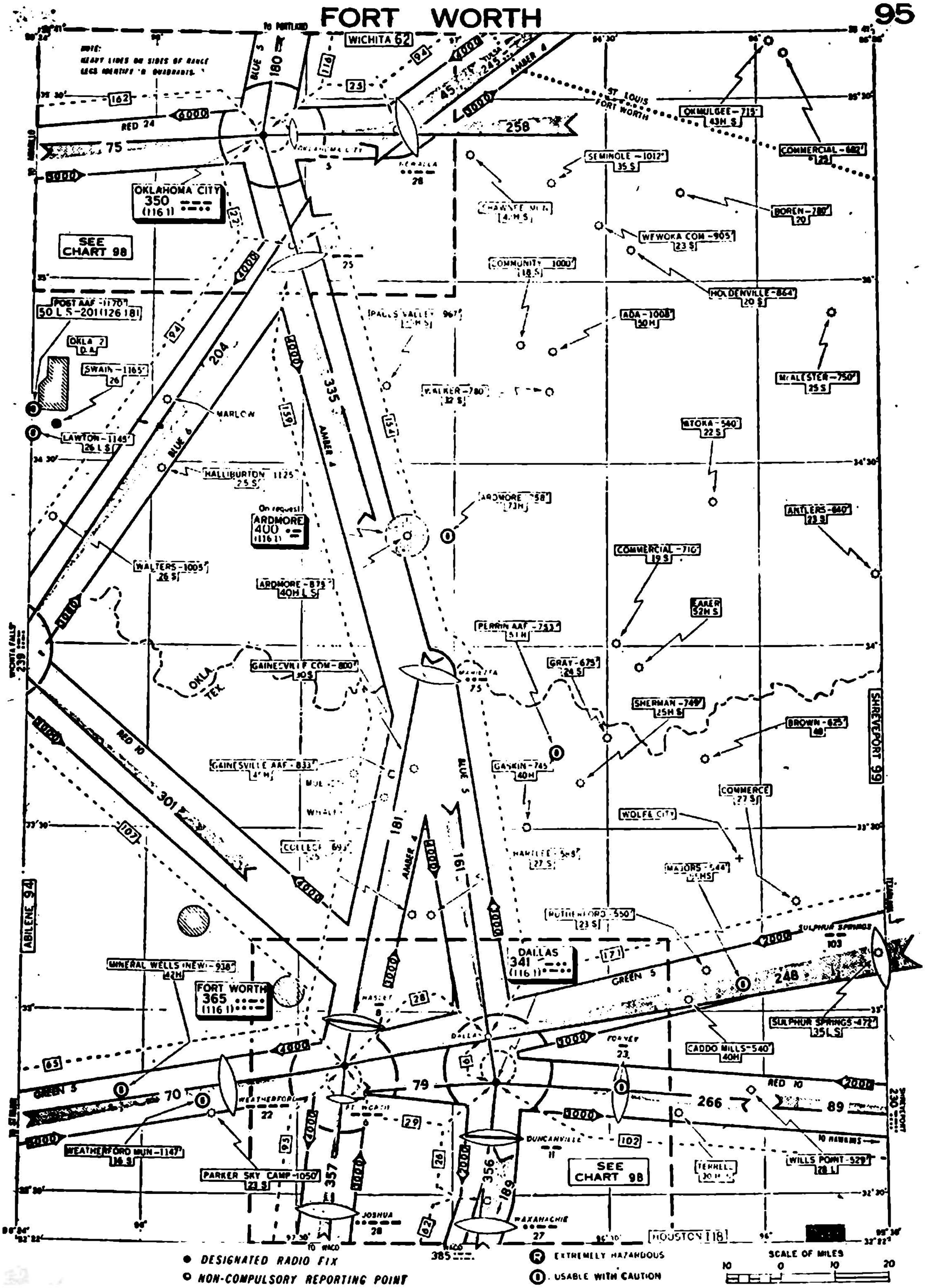
TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91,100 oct.
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	CLOSED
Anson	0.8 ENE,RR W	1650	21 S1	80 oct
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct. Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct. Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct. Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct. Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S2	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct. Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct. ARMY TMP INACT. CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct. No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct. Pole line S.
NEW AIRPORTS				
Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips only
Victory (Clinton,Okla.)	2 S; hwy W.	1540	32 S2	80 oct.

ABILENE


AMARILLO 59 WICHITA 62
TO GAGE
GREEN 4
TO AMARILLO
135
ALBUQUERQUE FORT WORTH
PAMPA-3197' 50 L S
PAMPA AAF-3124' 65 H
PAMPA-3234' 50 S
TWITTY-2225' 38 L
SAYRE-1990' 26 S
BENNETT-1800' 20 S
GAGE 266
CLINTON 65H
WEATHERFORD-1550' 27 S
VICTORY-1540' 32 S
70
6000
OKLAHOMA CITY 350
BESSIE
75
314
AMARILLO 251
257
5000
RED 24
DUKES-1250' 26 S
DILL-1876' 26 L
CORDELL-1550' 20 S
CLARENDON 233
162
DELHI 50
199
113
SENTINEL MEM.-1600' 24 S
HOBART 59 H S
TEX OKLA
PONDER-1585' 26 S
WELLINGTON-2100' 17 S
ROOSEVELT-1400' 24 S
ALTUS MUN-1410' 31 S
ALTUS AAF 60H
19
283
205
CAMERON COLLEGE-1108' 20 S
OKLA 2 10 A
WALKER 26 S
FREDERICK 60H
CLARENDON-2869' 40 L S
ARLIE-1770' 42 L
RED 10
106
GRANDFIELD NO. 3-1128' 45H
TURKEY
CHILDRESS-1930' 30 S
COMMERCIAL 21 S
GRANDFIELD-1100' 13 S
94
CHILDRESS AAF-1952' 60H
OLUSTEE-1331' 45H
VERNON-1332' 32 L
VERNON-1250' 43H S
ELECTRA-1229' 27 S
BURK BURNETT-1000' 24 S
GIL CHRIST
SHEPPARD (KELL)-1028' 66H L S
PADUCAH-1800' 23
VICTORY-1230' 20 L
HOLMAN-980' 31 S
BIG SPRING 91
AMARILLO 59
SPUR-2363' 28 S
SEYMOUR-1300' 27 S
WICHITA FALLS 239 (116.1)
OLNEY-1274' 55H S
KNOX CITY-1550' 17
STAMFORD-1609' 24 S
ARLEDGE-1630' 23H
ANSON-1650' 21 S
BLUE 6
24
124
On request
HARPERSVILLE 284 (116.1)
FORT WORTH 95
FORT WORTH EL PASO
ROTAN
ABILENE 379 (116.1)
180
BRECKENRIDGE-1250' 29 S
HARPERSVILLE-1396' 45 L
ABILENE-1758' 36H L S-278 (118.7)
TAYLOR-1429' 28 S
74
STRAWN
385
WACO
AVENGER-2370' 62 H L S
ABILENE AAF-1793' 50H
GREEN 5
247
FORT WORTH 365
WEAVER-1576' 31 S
RANGER-1420' 28 S
65
70
TO COLORADO CITY
BAIRD-1710' 24 S
CISCO-1620' 30 S
OVER
360
BIG SPRING 91 SAN ANTONIO 115
● DESIGNATED RADIO FIX NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

FORT WORTH


NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 'A' QUADRANTS.
TO PORTLAND
WICHITA 62
BLUE 5
180
116
94
4000
TULSA 245
AMBER 4
45
5000
25
162
RED 24
6000
75
258
ST LOUIS
FORT WORTH
OKMULGEE - 715
43H S
COMMERCIAL - 682
22
OKLAHOMA CITY
350
(116 1)
SEMINOLE - 1012
35 S
SEE CHART 98
CHANUTE
4 H S
WEWOKA COM - 905
23 S
COMMUNITY - 1000
18 S
HOLDENVILLE - 864
20 S
POST AAF - 1170
50 L S - 201 (126 181)
OKLA 7
D A
SWAIN - 1165
26
ADA - 1008
30 H
PAULS VALLEY
17 H S
MCALESTER - 750
25 S
WALKER - 780
32 S
94
204
4000
335
MARLOW
159
151
NTOKA - 540
22 S
LAWTON - 1145
26 L S
BLUE 6
HALLIBURTON 1125
25 S
ARDMORE
7 H
ANTLERS - 660
23 S
On request
ARDMORE
400
(116 1)
COMMERCIAL - 716
19 S
WALTERS - 1005
26 S
ARDMORE - 875
40H L S
PERRIN AAF - 733
51 H
BAKER
52H S
GRAY - 675
24 S
OKLA
TEX
GAINESVILLE AAF - 833
4 H S
SHERMAN - 749
25H S
SHREVEPORT 99
BROWN - 625
48
RED 10
301
GASKIN - 745
40H
COMMERCE
27 S
WOLFE CITY
181
161
COLLEGE
MAJORS - 544
11 H S
ABILENE 94
DALLAS
341
(116 1)
171
SULPHUR SPRINGS
103
MINERAL WELLS (NEW) - 938
42H
FORT WORTH
365
(116 1)
248
GREEN 5
SULPHUR SPRINGS - 472
35 L S
CADDO MILLS - 540
40H
65
70
79
266
89
WEATHERFORD
22
DUNCANVILLE
11
102
WEATHERFORD MUN - 1147
16 S
PARKER SKY CAMP - 1050
23 S
357
356
189
SEE CHART 98
TERRELL
30 H S
WILLS POINT - 529
28 L S
JOSHUA
28
WAXAHACHIE
27
HOUSTON 118
WACO
385
TO WACO
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARDMORE	400 (AT)(116.1)	MHVT	(4); 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Lawton)	201 (126.18)	CA	(3); 126.18 (7-17 Mon.-Fr.)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City
→ DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT,35692.2	(3):116.1,122.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
→ FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3):116.1,122.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - -)	FM, 177°, 27.7	Fort Worth
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul. Range and Voice. W Without Voice Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
:Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S,RR	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
(A) Post (Lawton)(A)	3 N	1170	50 R1 L4 S4	73 oct.; ltd 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
(A) Swain (Lawton)(A)	3.5 E,hwy N	1165	26	CLOSED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

H-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing (See page ix) (NC)-Not charted. → NEW OR REVISED DATA

AIRPORTS — TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
College (Denton)	4.2 N	693	25 S6	73 oct. Cattle on field.
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg.lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
Majors (Greenville)	5 SSE,RR W	544	55h S4	80,91 oct.
(P) Mineral Wells	3.2 SE,RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.

NEW AIRPORTS

OKLAHOMA CITY–DALLAS–FORT WORTH

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WEALLA FM	(. . - -)	FM,78°,27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350(GL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM,78°,5.4	Oklahoma City
TINKER, OKLAHOMA CITY (Army)	221 (VTR)	RBRAZ	4495
Tinker Field	396 (126.18)+	CA;170°,5.3	(3); 126.18
WILL ROGERS FIELD (Oklahoma City)	272(118.7))	C	(4);118.7,126.18,122.5
WASHINGTON FM	(- - -)	FM,155°,24.6	Oklahoma City
DALLAS			
→ DALLAS (Love Field)	341(DL)(116.1)	SBRAZ-VDT,356°,2.2	(3);116.1,122.1
DUNCANVILLE	404 (D)	FMK,176°,10.5	Dallas
DUNCANVILLE FM	(- -)	FM,176°,10.5	Dallas
FORNEY FM	(-)	FM,86°,2)	Dallas
→ FORT WORTH (Meacham Field)	365(FW)(116.1)	SBRAZ-VDTX,177°,2.4	(3);116.1,122.1
Fort Worth AAP	201 (126.18) +	CA	(3); 126.18
FORT WORTH LFM	(- - -)	LFM,177°,6.2	Fort Worth
HASLET FM	(-)	FM,1°,8.1	Fort Worth
HASLET	371 (F)	FMK,1°,8.1	Fort Worth
HENSLEY FIELD (Dallas)	396 (126.18)	CA	(4): 126.18
JOSHUA FM	(. . - - -)	FM,177°,27.7	Fort Worth
LOVE FIELD (Dallas)	278 (126.18) (118.9)	AC (ILS)	(3); 118.9,122.5,126.18
MEACHAM FIELD (Fort Worth)	272 (126.18) (118.7)	AC(ILS)	(4);126.18,118.7,122.5
WAXAHACHIE FM	(. . - -)	FM,176°,27	Dallas
GRAUWYLER PARK	311 (L)	K,356°, 0.8	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ DALLAS, TEX. (Love)	110.3 ·-·· (W)	335	140° Mag.	IM	MM ···· (0.7)	OM -- (4.35)
FORT WORTH, TEX. (Meacham)	109.9 ····	333.8	172° Mag.	IM	MM ·-·· (0.7)	OM -- (4.09)
					MKR 356 ···· (.70)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

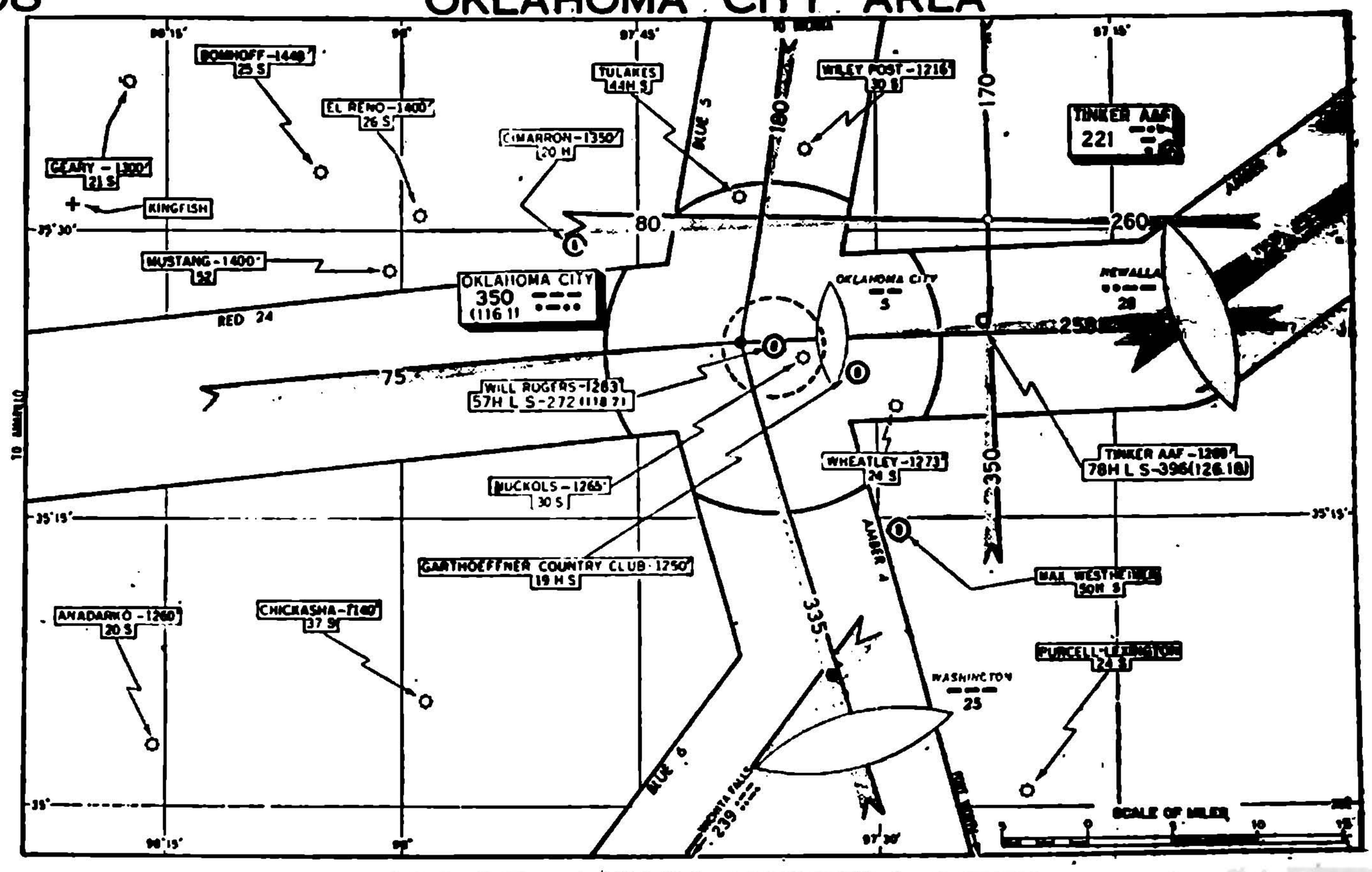
AIRPORTS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW;RR E	1260	20 S1	80 oct.
Bomhoff (Calumet)	4.1 SSE;hwy S	1448	25 S4	73,80,91 oct.
Caddo Flying Ser.(Ft.Cobb)	6 SE;hwy S	1250	16 S2	80 oct.
(P) Chickasha	4 NNW;riv S	1140	37 L S6	80,91 oct.Flood,obst lgts.
Cimarron (Yukon)	4 WSW;hwy N	1350	20h	
(P) El Reno	1.5 SW;RR N	1400	26 L S6	80 oct.Port rnwy lgts.
Geary	1.4 E;RR N	1300	21 S2	73 oct.
Gerthoeffner Co. Club (Oklahoma City)	7.3 S;hwy E	1250	15h S6	80 oct.
Lake View (Yukon)(HC)	2.7 E;RR N	1275	24	PRIVATE,Poles E,S.
Max Westheimer (Norman)	2.7 NW;RR E	1178	50h S2	80,91 oct.
(P) Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Oklahoma City)	7.2 SSW;hwy W	1265	30 S6	80 oct.Poles N,W,SW.

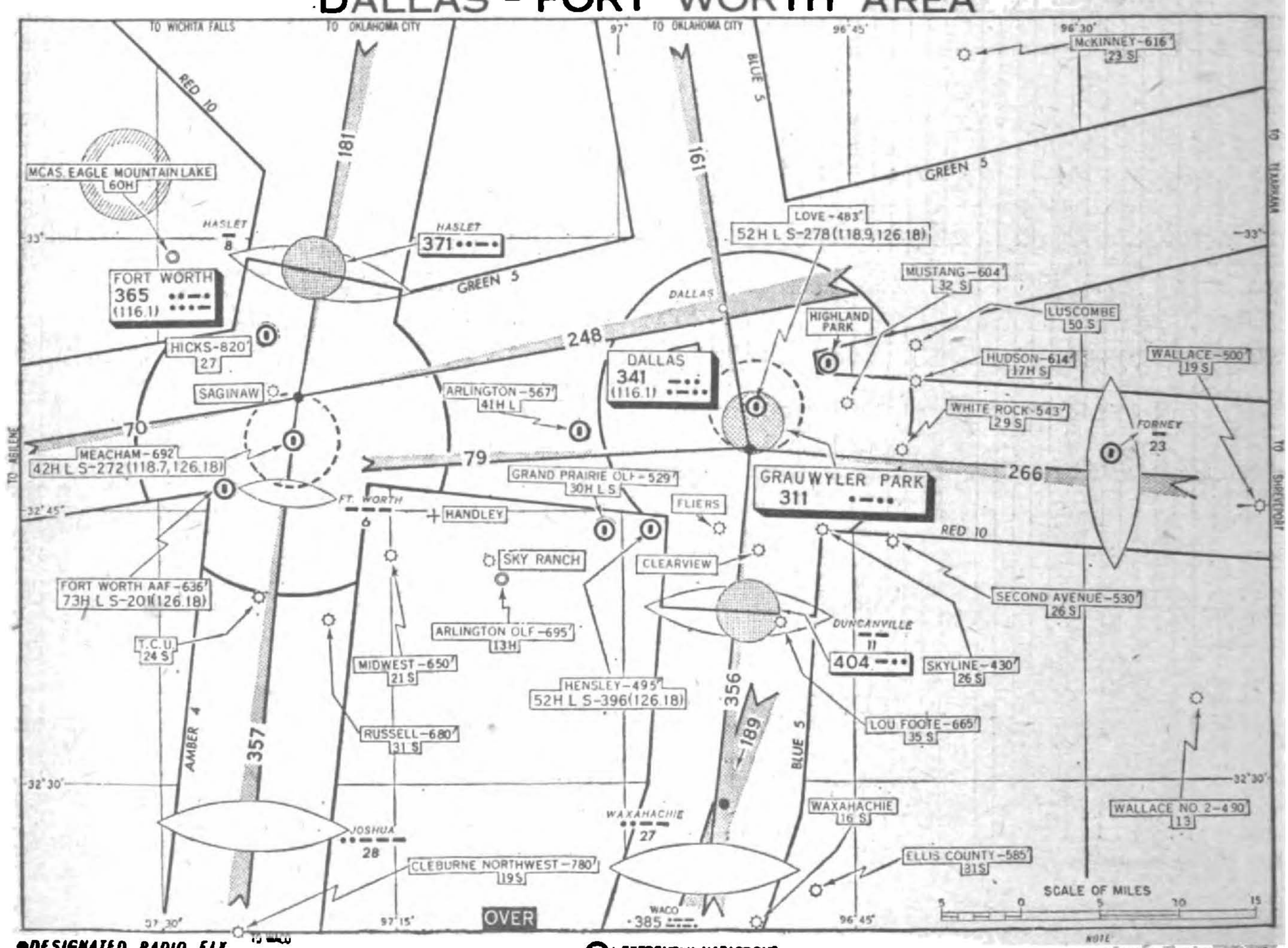
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW;riv W	1100	24 S2	80 oct.Trees S.SSW.SSE.
(A,N) Tinker (Oklahoma City)	8.5 SE;RR NE	1269	78h R2 L5 S6	62,91,100 oct.JP-1.WATS (Hospital flights)
Wheatley Airpark (Moore)	0.6 NE;hwy W	1273	24 S6	73 oct.
Wiley Post (Oklahoma City)	7.9 NNW;hwy E	1216	30 S6	80,91 oct.Trees S.
WILL ROGERS (Oklahoma City)	7.5 SW;hwy E	1283	57h R2 L5 S6	80,91,100 oct.
DALLAS				
→ Arlington-Midway	6.8 NNE;RR S	567	41h L5	Poles S.
(N) OLP (N)	4 SSW;rd W	695	13h	
Clearview (Dallas)	5.1 SSW;RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
(N) Eagle Mtn Lake NOAS (Newark) (N)	1 SSE;RR NE	745	60h	INACTIVE.
(P) Ellis Co. (Waxahachie)	3.5 NE;RR S	585	31 S2	73 oct.Pole line S.
Fliers (Dallas)	6.2 WSW;RR W	580	17 S4	80 oct.No sto.Trees S.
(A) Fort Worth AAP (A)	6.8 WNW;lake N	636	73h R1 L5 S6	73,91,100 oct.JP-1.
(N) Grand Prairie OLP (N)	1 WSW;RR N	529	30h L5 S4	73 oct.No ben.
Handley	0.6 NE;RR S	630	26 S6	73 oct.
(A,N) Hensley (Dallas)(A)(N)	11 WSW;hwy N	495	52h R1 L5 S4	73,91,100 oct.
Hicks (Fort Worth)	12.5 WNW;1k W	820	27	
Hudson (Dallas)	9.6 NE;RR SE	814	17h S6	80,91 oct.Pole line W.
Lou Foote (Dallas)	8.8 S;hwy E	665	35 S6	73,80,91 oct. Bldgs N,NE.
LOVE (Dallas)	5 NNW;RR SW	493	52h R3 L6 S6	73-100 oct, Poles S.
Luscombe (Garland)	2.2 WSW;RR N	619	50 S5	80 oct.No storage.
McKinney	2.1 S;hwy W	616	23 S2	80 oct.Poles E,W. WATS
(N)(P) MEACHAM (Fort Worth)	5.5 NNW;hwy NE	692	42h R3 L6 S6	71,80,91,100 oct(Hospital flight)
Midwest (Fort Worth)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts.Pole line W,S.
Mustang (Dallas)	6 NNE;hwy NE	604	32 S6	80,91 oct.
→ Russell (Fort Worth)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Second Avenue (Dallas)	7 SE;RR W	530	26 S1	73,80 oct.Use strips.Poles S.
Skyline (Dallas)	3.2 SSE;riv E	430	26 S6	80,91 oct. Trees NW.
T. C. U. (Fort Worth)	6.6 SW;RR S	710	24 S6	80,91 oct.
Wallace (Terrell)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W;hwy N	490	13	
Waxahachie	1.5 SSW;hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
NEW AIRPORTS				
Sky Ranch (Arlington,Tex.	3 SW; RR N	590	25 S2	80 oct.
Saginaw (Tex.)	0.5 WNW;RR E	790	26 S6	80,91 oct.
Kingfish (Hinton,Okla)	3 N; hwy N		19 S1	80 oct. Data Unverified.
Highland Park (Dallas, Tex.)	9 N; RR E	622	27h L S6	80,91 oct.P-line E.Ctc lgts N/S rnwy.Data unver.
→ Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct.Pwr line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) (HC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA

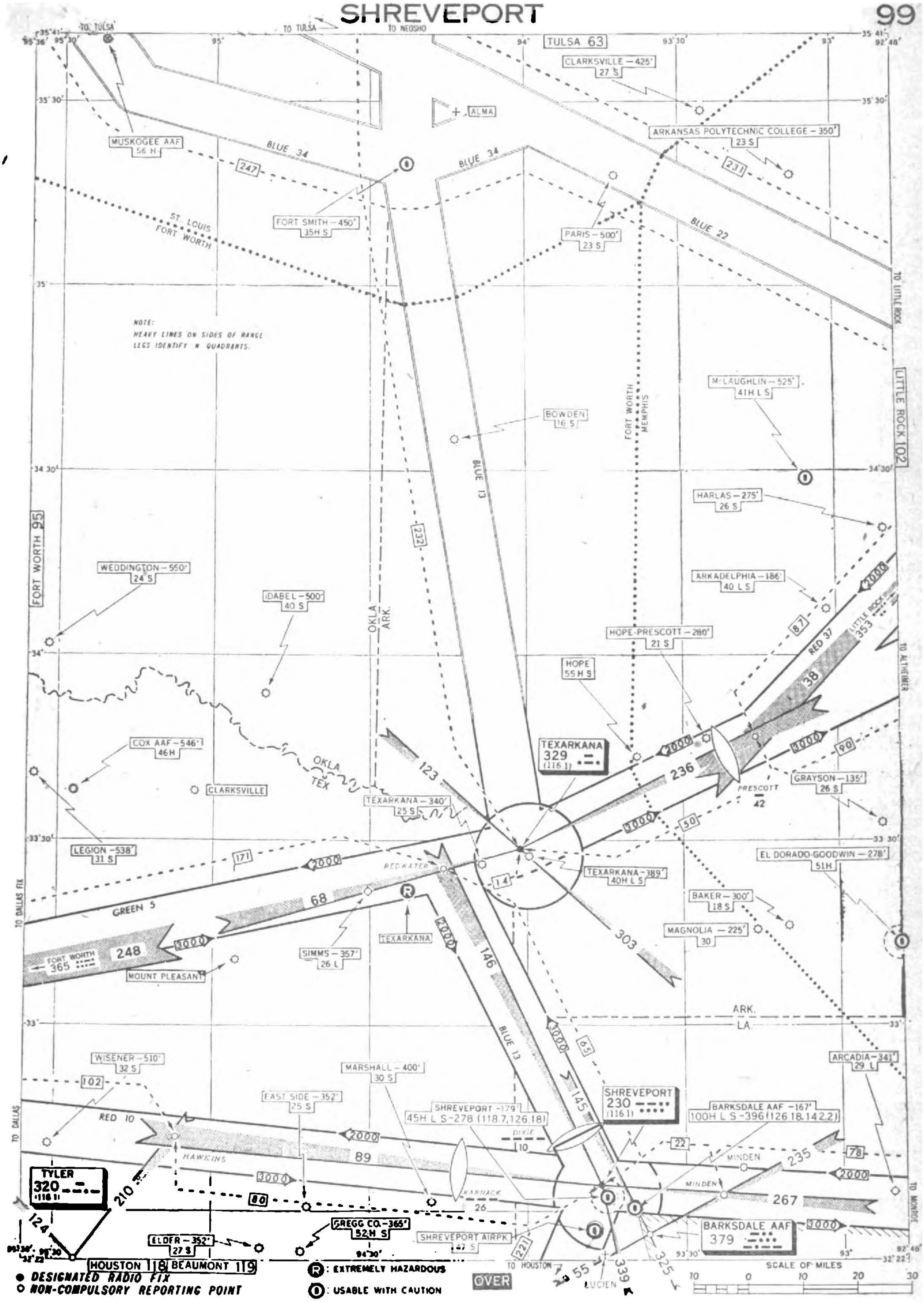


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION

NOTE
HEAVY LINES ON SIDES OF RANGE RINGS INDICATE 8 QUADRANTS

SHREVEPORT


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
MUSKOGEE AAF
56 H
BLUE 34
247
ARKANSAS POLYTECHNIC COLLEGE – 350'
23 S
231
FORT SMITH – 450'
35H S
ST. LOUIS
FORT WORTH
PARIS – 500'
23 S
BLUE 22
TO LITTLE ROCK
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY N QUADRANTS.
BOWDEN
16 S
BLUE 13
FORT WORTH
MEMPHIS
McLAUGHLIN – 525'
41H L S
LITTLE ROCK 102
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
40 S
OKLA
ARK.
232
ARKADELPHIA – 186'
40 L S
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
RED 37
38
TO ALTHEIMER
COX AAF – 546'
46H
CLARKSVILLE
OKLA
TEX
TEXARKANA
329
(116.1)
123
TEXARKANA – 340'
25 S
236
PRESCOTT
42
GRAYSON – 135'
26 S
LEGION – 538'
31 S
171
REDWATER
GREEN 5
68
TEXARKANA – 389'
40H L S
EL DORADO-GOODWIN – 278'
51H
BAKER – 300'
18 S
MAGNOLIA – 225'
30
TO DALLAS FIX
FORT WORTH
365
248
MOUNT PLEASANT
SIMMS – 357'
26 L
TEXARKANA
146
303
ARK.
LA
WISENER – 510'
32 S
MARSHALL – 400'
30 S
ARCADIA – 341'
29 L
102
RED 10
EAST SIDE – 352'
25 S
SHREVEPORT – 179'
45H L S-278 (118.7,126.18)
DIXIE
SHREVEPORT
230
(116.1)
BARKSDALE AAF – 167'
100H L S-396 (126.18,142.2)
TO DALLAS
HAWKINS
89
MINDEN
235
267
TYLER
320
(116.1)
210
80
KARNACK
26
GREGG CO. – 365'
52H S
ELDER – 352'
27 S
SHREVEPORT AIRPK
47 S
BARKSDALE AAF
379
TO MONROE
HOUSTON 118
BEAUMONT 119
TO HOUSTON
LUCIEN
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(D): USABLE WITH CAUTION
OVER

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4); 116.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
Barksdale Field	396(126.18,142.2)	CA(ILS);325°,4.4	(3); 126.18,142.2
DIXIE FM	(- - - -) +	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,
[redacted]			
KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ) (116.1)	BMRLZ-VDT;120°,1.6	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE, (Shreveport,La.)	110.3 (W)	335	323°Mag.	IM- (0.07)	MM- (1.00)	OM- (4.39)
					MMK-	OMK-
	109.9 (W)		143°Mag.	IM- (0.25)	MM- ·····(0.64)	OM- -- (4.35)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Ranges and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct. Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct. Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct. Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR 1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct. Lgts prior req. Use rnwy
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct. Bldg,twr N. All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR 1 S	500	23 S1	73 oct. Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake (Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct. Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct. Trees sur fld.
Northeast Aviation (Bastrop)	2 WSW	90	17 S4	80 oct. No sto. Data unver.
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct. Pole line SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → New or revised data

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(A) Muskogee AAF(A)	5.5 S,RR W	610	56h	Hill SW. CLOSED
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.
[redacted]				
Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO FACS
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct. Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct. Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct. Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
* Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct. Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

NEW AIRPORTS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.1R,118.5)	C	(4); 126.1R,118.5,122.5 (7-23)
BRUINS FM	(- - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-VDT, 313°, 3.8	(3); 116.1
STUTTGART	269 (DSA)	MRLWZ, 175°, 4.7	
[redacted]			
MONROE (Selman)	369 (UO)(116.1)	SBMRLZ-VDT, 25°, 2.8	(4); 116.1
[redacted]			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD	281 (GD)(116.1)	BMLZ-VDT, 265°, 1.9	(4); 116.1
JACKSON	260 (JA)(116.1)	SBRAZ-VDT, 173°, 2.4	(3); 116.1, 122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS)(116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice, W Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

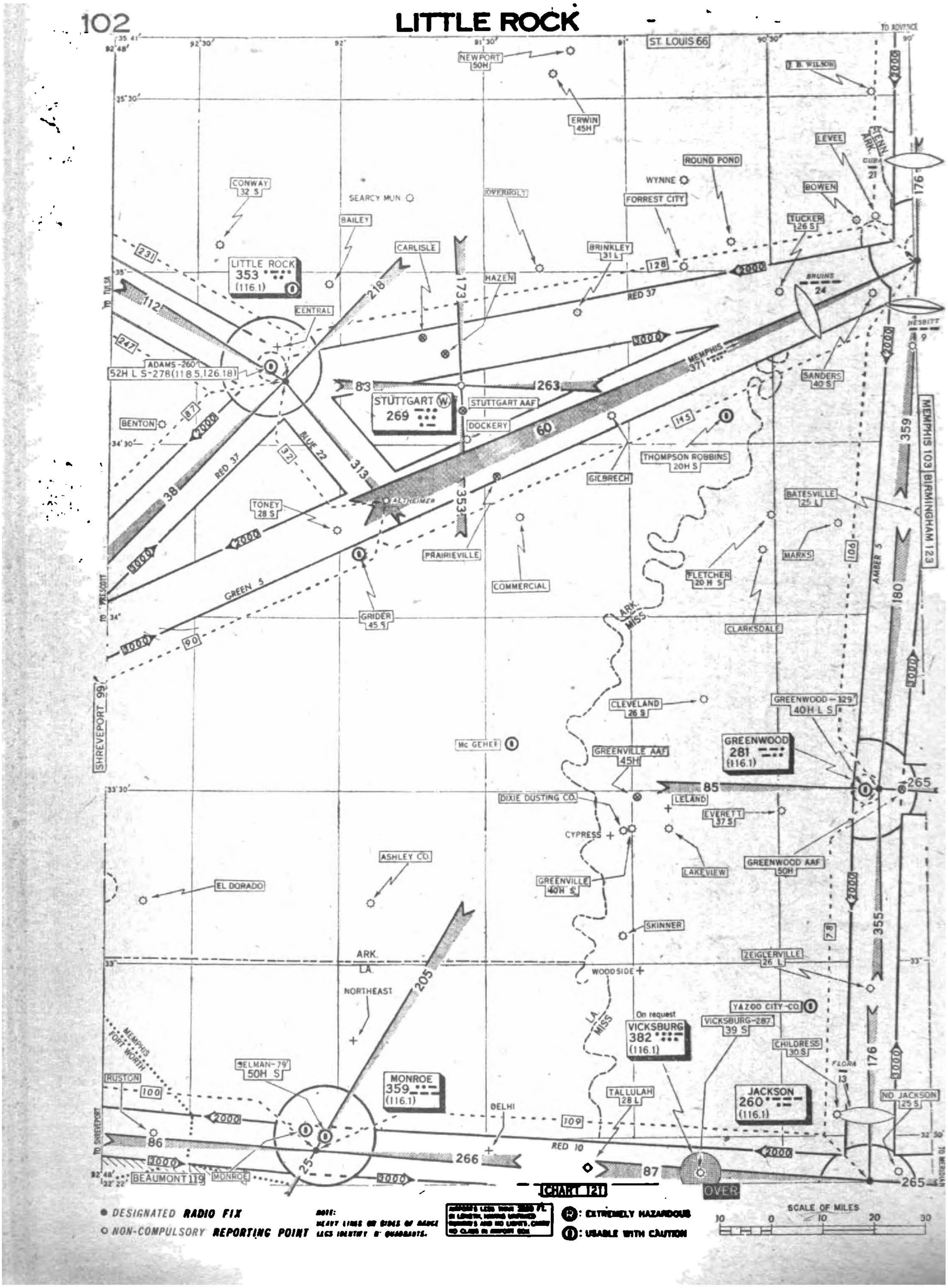
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.;73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1.5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L5 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart)(A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart)(A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.8 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart)(A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2.8 S,RR E	360	14 S1	80 oct. Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW,RR S	242	30h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

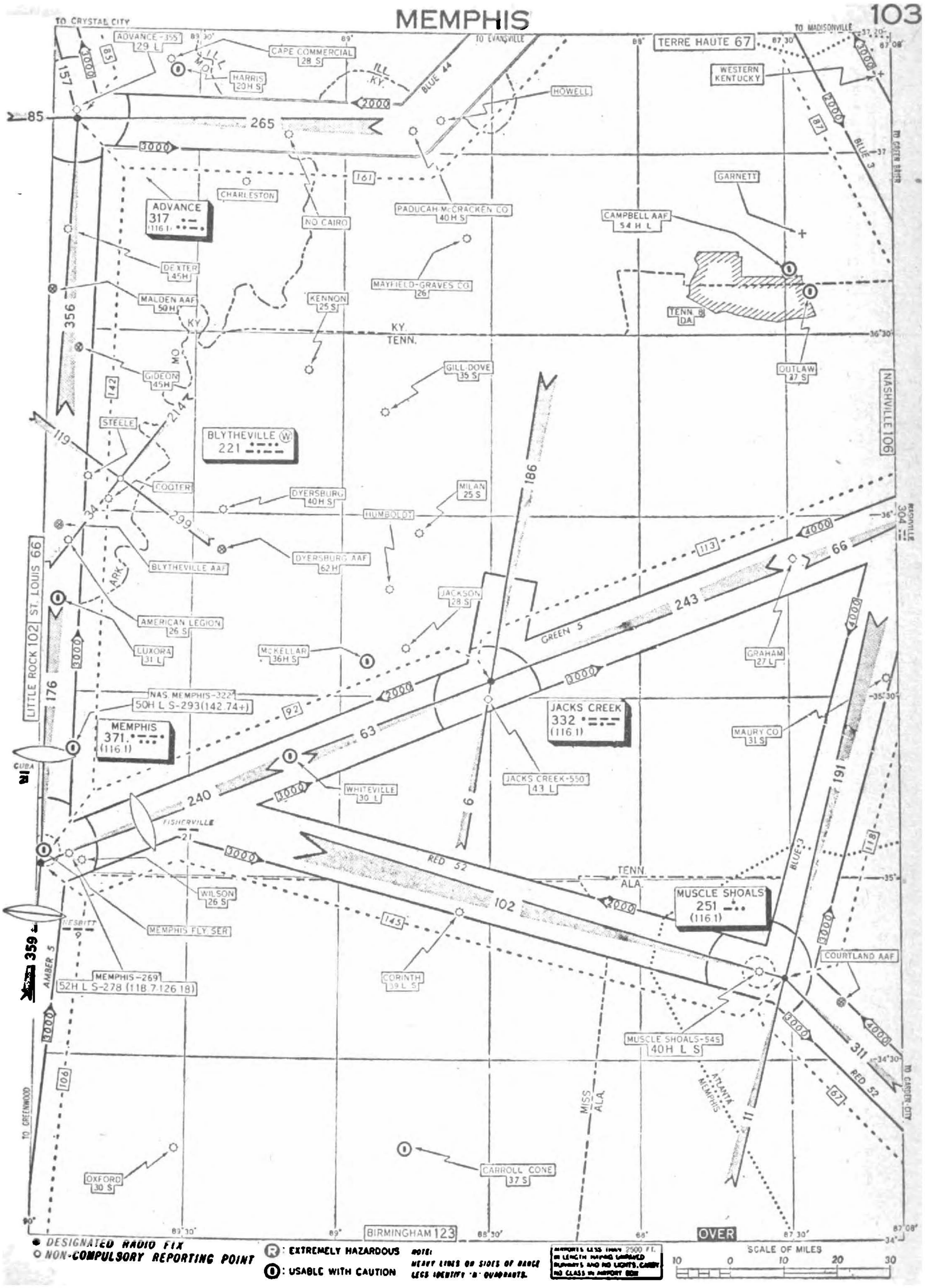
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
Wright (Monticello)	1 ENE,hwy S	230	15	Pole line S.
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
[redacted]				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy
(P) SELMAN (Monroe)	4.6 E,RR N	79	50h R1 L5 S1	80,91,100 oct. Lgts hard surface.
* Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S. on req.
[redacted]				
Augustine (Jackson)(NC)	11.5 NE,rlv SE	335	40	
* Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	73,80 oct.Pole line E,SE.
(A) Greenwood AAF(A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
* Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
[redacted]				
Lee (Canton,Miss.)(NC)	1.4 WNW;RR E	300	38	Tank E
← Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver

h-Hard surface runway. R-radio facilities. L-lighting facilities. S-servicing. (See page 41) NC-(not charted). → New or revised data

LITTLE ROCK


TO ADVANCE
ST. LOUIS 66
NEWPORT 50H
ERWIN 45H
J. B. WILSON
LEVEE
ROUND POND
WYNNE
FORREST CITY
BOWEN
TUCKER 26 S
BRUINS 24
CONWAY 32 S
SEARCY MUN
BAILEY
OVERHOLT
BRINKLEY 31 L
LITTLE ROCK 353 (116.1)
CARLISLE
HAZEN
CENTRAL
RED 37
ADAMS-260
52H L S-278(118.5,126.18)
STUTTGART 269
STUTTGART AAF
DOCKERY
MEMPHIS 371
SANDERS 40 S
NESBITT 9
BENTON
BLUE 22
ALTHEIMER
TONEY 28 S
THOMPSON ROBBINS 20H S
GILBRECH
BATESVILLE 25 L
PRAIRIEVILLE
COMMERCIAL
GRIDER 45 S
FLETCHER 20 H S
MARKS
CLARKSDALE
GREEN 5
MEMPHIS 103 BIRMINGHAM 123
CLEVELAND 26 S
GREENWOOD – 129 40H L S
GREENWOOD 281 (116.1)
Mc GEHEE
GREENVILLE AAF 45H
DIXIE DUSTING CO.
LELAND
EVERETT 37 S
CYPRESS
LAKEVIEW
GREENWOOD AAF 50H
EL DORADO
ASHLEY CO.
GREENVILLE 40H S
SKINNER
ZEIGLERVILLE 26 L
WOODSIDE
NORTHEAST
YAZOO CITY-CO
On request
VICKSBURG 382 (116.1)
VICKSBURG-287 39 S
CHILDRESS 30 S
TALLULAH 28 L
JACKSON 260 (116.1)
NO JACKSON 25 S
SELMAN-79 50H S
MONROE 359 (116.1)
DELHI
RUSTON
BEAUMONT 119
MONROE
RED 10
CHART 121
OVER
SHREVEPORT 99
MEMPHIS FORT WORTH
TO SHREVEPORT
TO MERIDIAN
ARK. LA.
LA MISS
ARK MISS
AMBER 5
FLORA 13
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

MEMPHIS


TO CRYSTAL CITY
ADVANCE-355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20 H S
ILL.
MO.
KY.
BLUE 44
TO EVANSVILLE
HOWELL
TERRE HAUTE 67
TO MADISONVILLE
WESTERN KENTUCKY
BLUE 3
TO CARTER RIVER
GARNETT
CAMPBELL AAF
54 H L
TENN. 8 DA
OUTLAW
37 S
NASHVILLE 106
85
265
157
3000
2000
87
161
CHARLESTON
ADVANCE
317
(116.1)
NO CAIRO
PADUCAH-McCRACKEN CO
40 H S
MAYFIELD-GRAVES CO
26
KENNON
25 S
DEXTER
45H
MALDEN AAF
50 H
356
KY.
TENN.
GILL-DOVE
35 S
GIDEON
45H
142
214
MO
STEELE
119
BLYTHEVILLE
221
(116.1)
COOTER
DYERSBURG
40 H S
MILAN
25 S
HUMBOLDT
34
299
DYERSBURG AAF
62 H
BLYTHEVILLE AAF
ARK.
LITTLE ROCK 102
ST. LOUIS 66
AMERICAN LEGION
26 S
LUXORA
31 L
MCKELLAR
36 H S
JACKSON
28 S
186
GREEN 5
243
113
66
4000
304
GRAHAM
27 L
NAS. MEMPHIS-322
50H L S-293(142.74+)
MEMPHIS
371
(116.1)
176
92
63
JACKS CREEK
332
(116.1)
MAURY CO
31 S
JACKS CREEK-550
43 L
WHITEVILLE
30 L
240
6
FISHERVILLE
21
RED 52
TENN.
ALA.
MUSCLE SHOALS
251
(116.1)
WILSON
26 S
MEMPHIS FLY. SER
RESBITT
359
AMBER 5
MEMPHIS-269
52H L S-278 (118.7 126.18)
CORINTH
39 L S
145
102
COURTLAND AAF
MUSCLE SHOALS-545
40H L S
191
118
311
MISS.
ALA.
ATLANTA
MEMPHIS
11
67
TO GREENWOOD
106
OXFORD
30 S
CARROLL CONE
37 S
90°
89°30'
89°
88°30'
88°
87°30'
87°08'
37°20'
36°30'
35°30'
35°
34°30'
34°
BIRMINGHAM 123
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "R" QUADRANTS.
AIRPORTS LESS THAN 2500 FT. IN LENGTH HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT REMARKS
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER.. REMARKS
ALABAMA			
MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 282°, 4.6	(4); 116.1
ARKANSAS			
BLYTHEVILLE	221 (LY)	RLWZ; 226°,14.2	
KENTUCKY			
MISSISS'PPI			
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
MISSOURI			
ADVANCE (Int.)	317(AF)(116.1)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
TENNESSEE			
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);122.5,118.7.See Mem ice to Airman
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS, TENN.	109.9 •–•–• •••	333.8	90° Mag.	IM–	MM– •–•–(0.66)	OM– ––(4.9)
					MMK-201•••(0.66)	OMK 233•–•–(4.9
				IM–	MM–	OM–
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALABAMA				
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct.
ARKANSAS				
American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct.Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
ILLINOIS				
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
KENTUCKY				
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct.Data unverified
Howell (Paducah)	4 WNW;RR S	371	21 S6	80 oct.
Mayfield-Graves County	3.6 ENE;hwy S	543	26	
PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L1 S6	80, 91 Oct.No Sto.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct.Data unver.
MISSISSIPPI				
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct.
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct.
(P)Oxford	8 S;riv N,W	400	30 S2	73 Oct.
MISSOURI				
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE;RR NW	300	31 S2	80 Oct. Poles S.
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW;hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W.Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
TENNESSEE				
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct.
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct.No Sto.Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct.
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct.Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct. JP-1.Radio required.Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11 SE;RR 3 NW	286	35 L4 S6	80,91 Oct.Pole line S No beac.Lgts prior req.Rnwy lgtg info unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	
NEW AIRPORTS				

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. . -)	FM, 358°, 28	Birmingham
KENTUCKY			
BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)
TENNESSEE			
BERRY (Nashville)	278(118.3,126.18)	AC (ILS)246°,2.6	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3); 116.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 28	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18)+	CA (ILS)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville
TEXAS			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ NASHVILLE, (W) TENN.(Berry)	109.9		14° Mag.	IM-	MM- (0.81)	OM- (4.17)
					MMK-	OMK-
→ SMYRNA AAF (W) (Nashville Tenn.)	109.5	335	230° Mag.	IM- (0.04)	MM- .....(0.81)	OM- --(4.31)
					MMK-	OMK-

S Simul. Range and Voice, W- Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

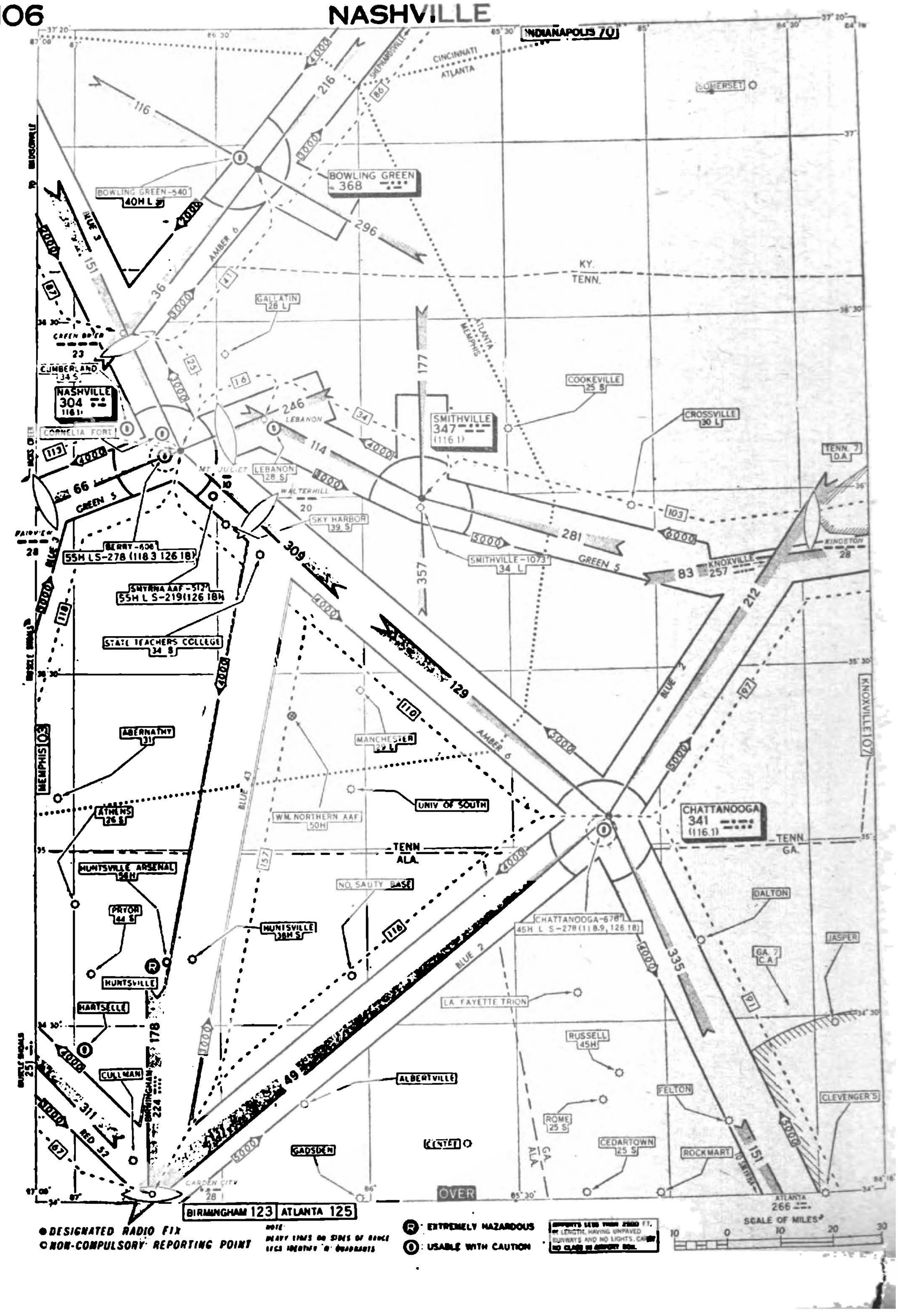
AIRPORTS

ALABAMA

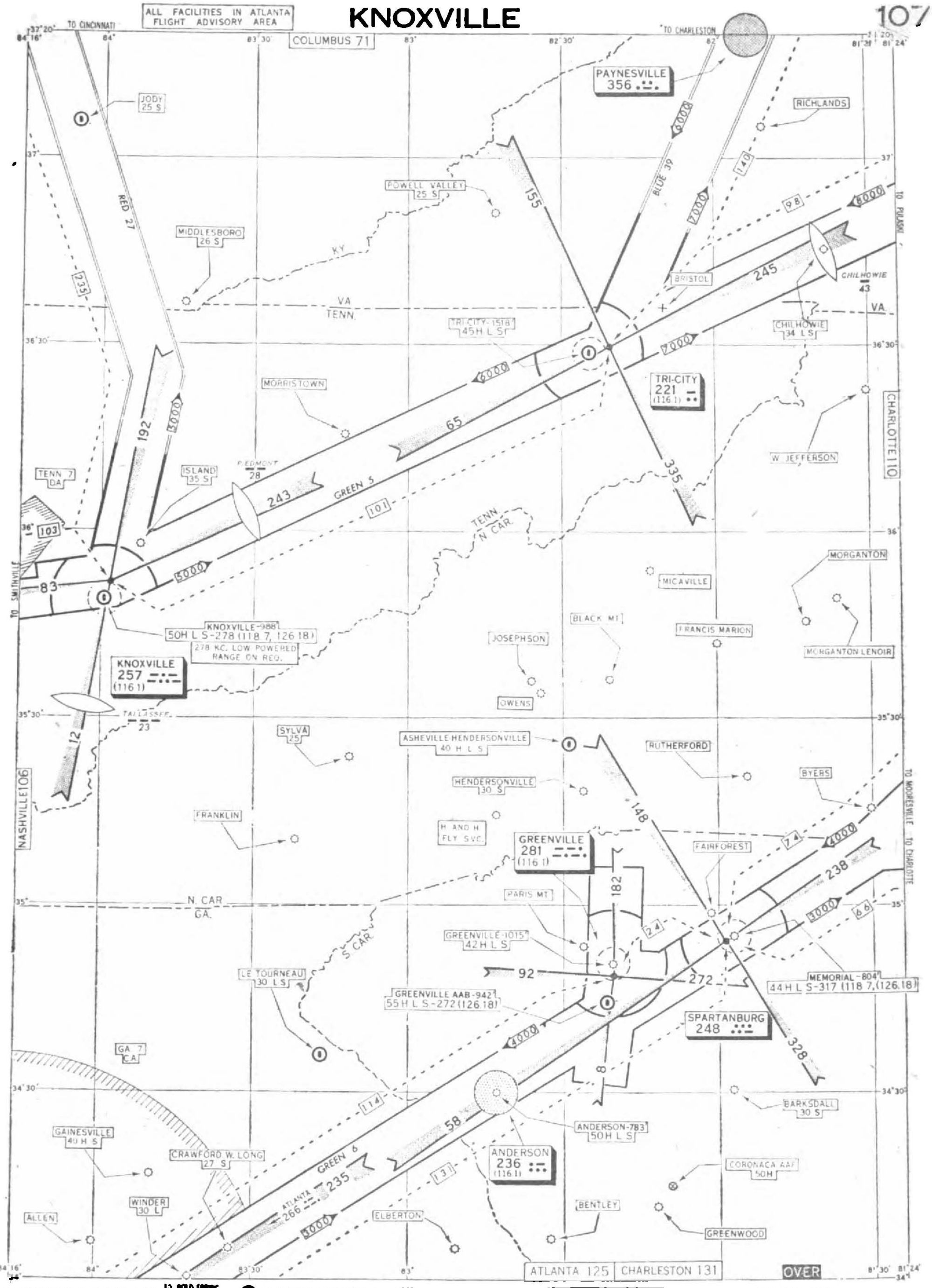
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	90 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N)Russell OLF (Rome)(N)	7 N;hwy W	644	45h	
KENTUCKY				
(P)Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct. No storage. Fld lgts prior req.
Somerset	5 N; RR W		20 S2	80 oct. Data unverified.
TENNESSEE				
(P)Abernathy(Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P)BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
* Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	580	39 S6	73 oct. No sto. Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3	
(A)Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S6	73,91,100 oct. JP-1. No rng.
• State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct,
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.
TEXAS AIRPORTS				

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 701
CINCINNATI
ATLANTA
SHELBYVILLE
SOMERSET
BOWLING GREEN
368
BOWLING GREEN-540
40H L
BLUE 5
AMBER 6
GREEN 5
KY.
TENN.
GALLATIN
28 L
ATLANTA
MEMPHIS
NASHVILLE
304
116.1
CUMBERLAND
34 S
CORNELIA FORT
LEBANON
MT. JULIET
LEBANON
28 S
WALTERHILL
20
SKY HARBOR
39 S
SMITHVILLE
347
116.1
SMITHVILLE-1073
34 L
COOKEVILLE
25 S
CROSSVILLE
30 L
KINGSTON
28
KNOXVILLE
257
BERRY-606
55H L S-278 (118.3 126.18)
SMYRNA AAF-512
55H L S-219(126.18H)
STATE TEACHERS COLLEGE
34 S
FAIRVIEW
28
ABERNATHY
31
MEMPHIS 103
ATHENS
26 S
HUNTSVILLE ARSENAL
38H
PATTON
44 S
HUNTSVILLE
38H S
HARTSELLE
CULLMAN
MANCHESTER
39 L
WM. NORTHERN AAF
50H
UNIV OF SOUTH
NO. SAUTY BASE
TENN
ALA.
CHATTANOOGA
341
116.1
TENN
GA.
CHATTANOOGA-678
45H L S-278 (118.9, 126.18)
DALTON
JASPER
GA 7
C A
LA FAYETTE TRION
RUSSELL
45H
ALBERTVILLE
ROME
25 S
CEDARTOWN
25 S
FELTON
ROCKMART
CLEVENGER'S
GADSDEN
CENTRE
GA.
ALA.
CARDEN CITY
28
OVER
ATLANTA
266
BIRMINGHAM 123
ATLANTA 125
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION

KNOXVILLE



● DESIGNATED RADIO FIX (10 BOLD SPRING)
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓤ : USABLE WITH CAUTION

NOTE:
HEAVY LINES OR SIDES OF BOXES (166 IDENTIFY "B" BOUNDARIES.

AIRPORTS LESS THAN 2500 FT IN LENGTH HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS III AIRPORT MOA.

SCALE OF MILES
10 0 10 20 30

RADIO — SOUTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON	236(AS)(116.1)	MHVT	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 02°, 1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°, 1.6	(4);118.7,126.18,122.5
→ SPARTANBURG (Memorial Arpt)	248(SU)(116.1)	SBRAZ-DTV	(3);116.1,122.1

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS); 192°, 2.6	(4); 118.7, 126.18, 122.
Knoxville Airport	278	(Low powered range)	(4)(on req.)
PIEDMONT FM	(- -)	FM, 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-VDT, 252°, 3.3	(4), 116.1

VIRGINIA

CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE, TENN.	110.3 -.--	335	40°Mag.	IM-	MM- ·-·- (0,6)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthesed Numbers in Frequency Column Indicate VHF Voice +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	3 S,hwy E	1240	25 S2	80 oct.
Middlesboro	1.2 W,hwy S	1150	26 S4	80 oct.

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct.
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
H&H Flying Service (Brevard)	1.5 ENE;Riv S RR N	2140	20 S1	80 oct. P-Line WNW
Micaville	1 S; RR W	2500	21	N, S blocked
Owens (Asheville)	2.3 SSW; RR E	1988	25 S6	80,91 oct

[redacted]ROLINA

Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts. Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
→ GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct. No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(NP) MEMORIAL (Spartanburg) →	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military. NATS(Ferry)
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.
Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 11) (NC)-Not charted. → NEW OR REVISED DATA

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-VDT, 359°, 1.7	(3); 116.1
DOUGLAS ARPT. (Charlotte)	366(126.18, 118.9)	C	(4); 126.18,118.9,122
GREENSBORO	365(GW)(116.1)	SBRAZ-VDT	(3);116.1,122.1
Greensboro-High Point Airport	218(126.18, 118.7)	C; 341°, 1.5	(4);118.7,126.18,121.5
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3); 116.1
Pope Field	396(126.18, 118.1)+	CA(ILS);355°, 2.3	(3); 116.1,126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-VDT(ILS) 299°, 3.8	(4); 116.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLW2,328°, 5.1	
SOUTH CAROLINA			
FLORENCE	239 (FL)(116.1)	SBMRLZ-VDT, 292°,1.7	(4);116.1,122.1
VIRGINIA			
DANVILLE	344(IVE)	MHW	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4), 116.1
ROANOKE (Woodrum Field)	317(RO)(116.1)	SBRAZ-VDT, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5,118.5,126.18
WEST VIRGINIA			
RALEIGH-DURHAM (Raleigh), N.C.	(126.18)	C	126.18 (8-18)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in use. Compass locators in use.)

ID & FREQ	CALL LETTERS	ANT. BRG.	MARKER BEACONS & RELIABLE IDENT. COMPASS LOCATORS
POPE, (Ft. Bragg, N.C.) 110.3	IBS	360° Mag.	OM- (0.04) MM- (4.00) OM- (4.18) MKR- MKR- OMK-
RALEIGH, N.C. 109.5	IGH	500 Mag.	OM- (0.62) MM- (4.5) MKR- OMK-
			OM- MM- OMK- MKR-
			OM- MM- OMK- MKR-

S Signal Range and Voice W Without Voice, Z VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)- 3105, 4455, 6210, 31175 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army ATC S transmits on and guards 116.1, 137.83, 140.58 mcs.

AIRPORTS

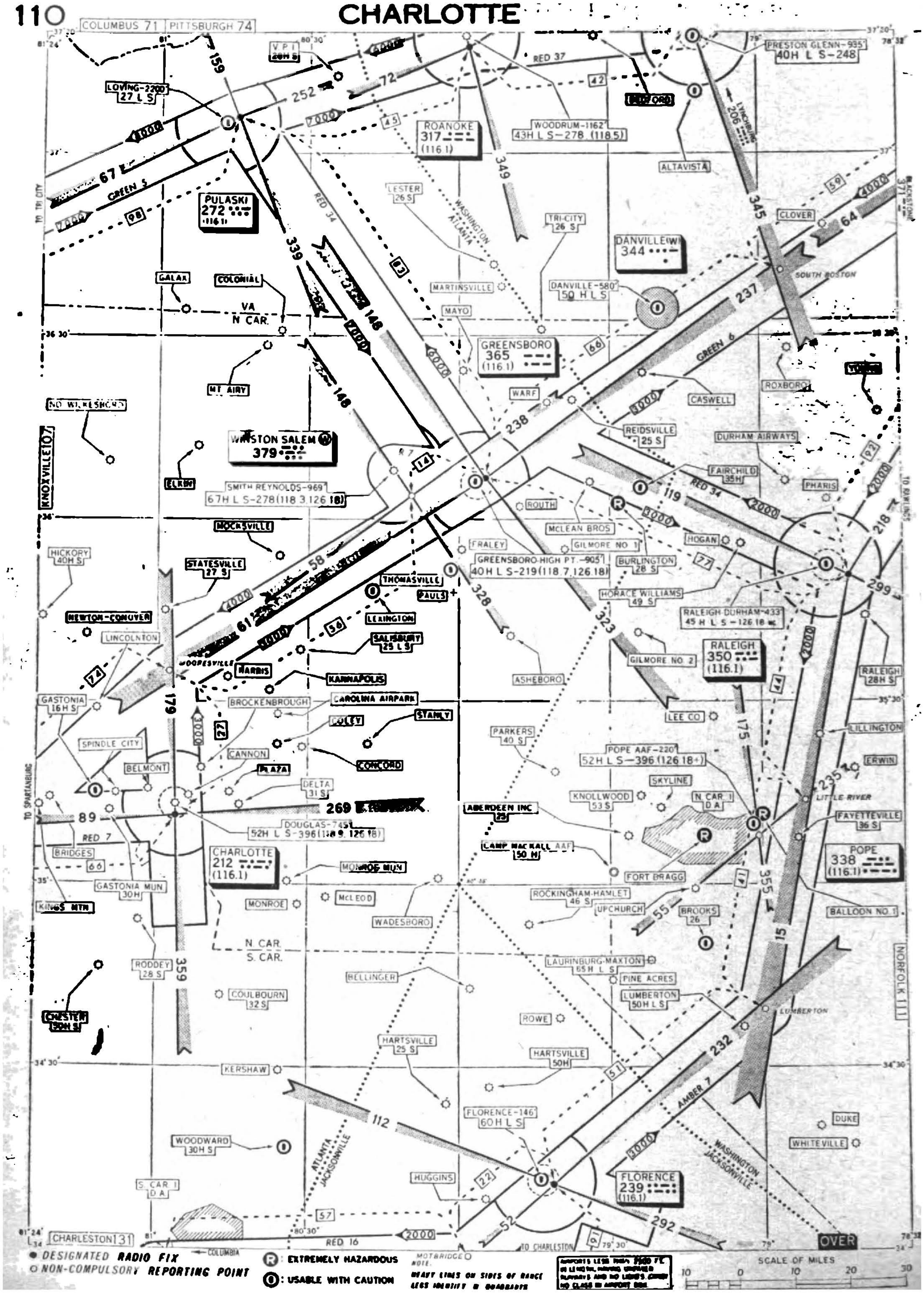
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obstr sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	830	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	28 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	980	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS
Candor (NC)	1.1 E,RR N		19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	7?8	24 L S6	80,91 oct. Flood lgts req.
Carolina Arpk Inc. (Kannapolis)	3.1 ESE,RR W	750	18 S2	No fuel.
Caswell (Yanceyville)	2.2 W,hwy E	640	20 L S2	80 oct. Flare pots prior req.
Coley (Concord)	2 SW,RR E	700	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.8 ESE,rd F,S	700	19 S2	80 oct.Pole line NE.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing, (See page 110) NE-(not charted) → (Effective 0901Z 25 JUL 68 REVISED DATA

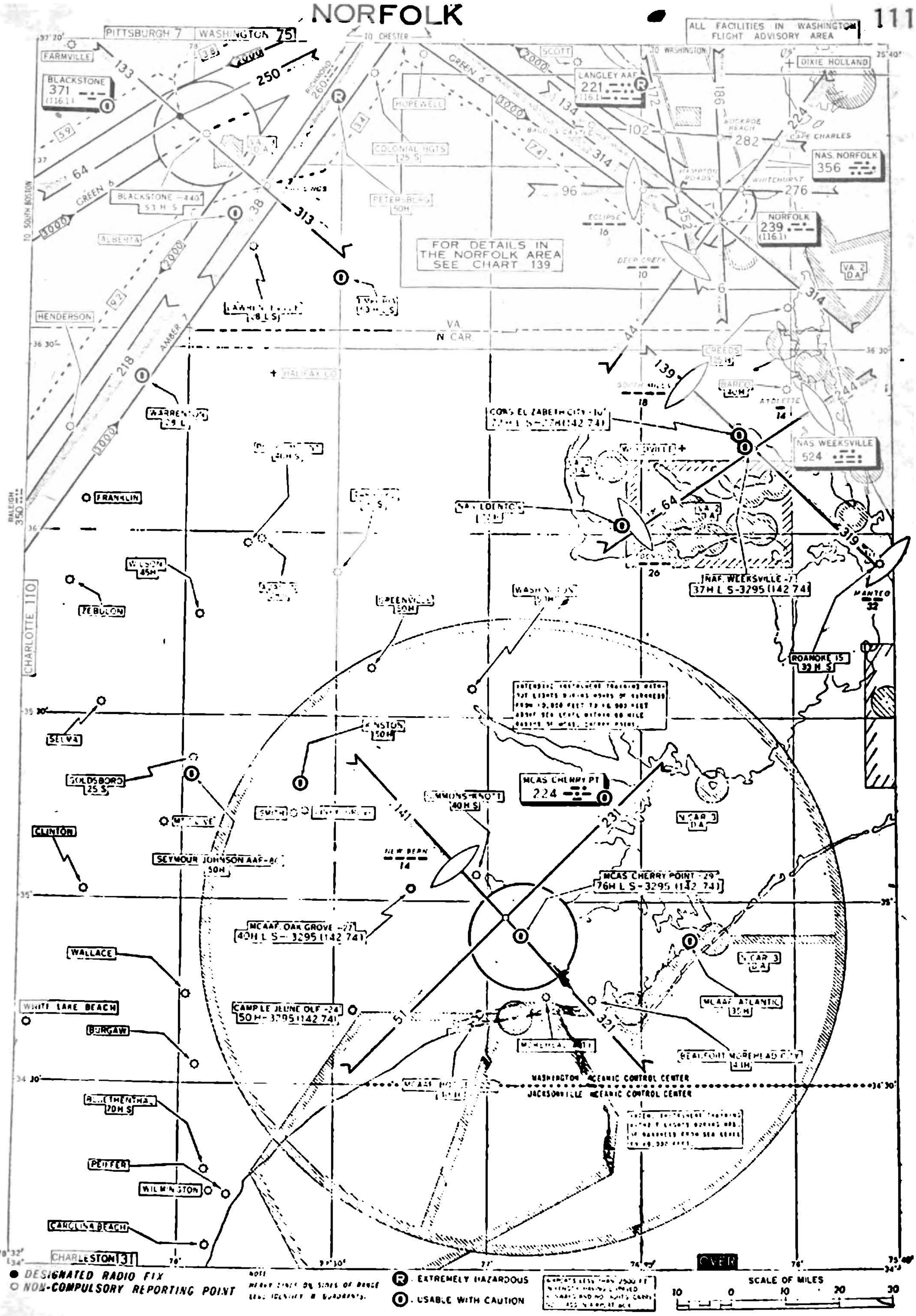
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	J1 *8	80,91 oct.No sto.Poles NW
(J)DOUGLAS(Charlotte)	8.5 W,RR N	745	52h R2 L5 S3	80,91 oct;lid 61 oct Army
Durham Airways	7.8 N,RR F	480	15 S4	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild-Civil (Burlington)	1.5 E,RR S	640	35h	
Fayetteville	3 N,hwy E	238	36 L1 S6	80 oct. Pwr line E
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
Gastonia	1.3 SW	795	18h S4	80 oct.Pwr line SSW.
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L	Port rnwy lgts.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS (Ferry)
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR L	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S1	80 oct.
Kannapolis	2.8 N,RR F	750	23 S6	80 oct. Trees W,NW.
Kings Mountain	3.5 SW,RR SE	960	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	33 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,9. oct. No flood lgts. Data unv - Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.P- line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines S,W.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct Pole lines NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy N,W.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	433	45h R3 L6 S4	80,91,100 oct. No twr
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR W	600	22 S2	80 oct. E.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	765	19 S2	80 oct.
Stanly (Albemarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	950	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	580	26 S2	80 oct.
Upchurch(Reeford)	0.8 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	33 S2	80 oct. Trees N,S.
Whiteville	3.7 E,RR N	60	18 S1	Lid 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Lid 80 oct.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	3 NNE,RR W	709	30h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Loggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Dellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Reddey (Rock Hill)	2.7 SW,UH NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S6	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.
VIRGINIA				
Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1020	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Luster (Martinsville)	0.8 NNW, RR NE	1000	28 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	15 S2	75 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R3 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough, 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
Duke Fld (Chadbourn) (N C)	1 N; RR SW	66	20 S4	80 oct.
Farris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	15 S	
McLeod (Wingate)(N.C.)	1 SE; RR W	585	22 S4	80 oct o sto
Pauls Air Park (Thomasville,N C)	6 SE		27 S2	80,91 oct. Data unver.

CHARLOTTE


COLUMBUS 71
PITTSBURGH 74
LOVING-2200
27 L S
PULASKI
272
(116 1)
ROANOKE
317
(116 1)
WOODRUM-1162'
43H L S-278 (118.5)
PRESTON GLENN-935'
40H L S-248
ALTAVISTA
LYNCHBURG
206
CLOVER
DANVILLE(W)
344
DANVILLE-580'
50 H L S
SOUTH BOSTON
GREENSBORO
365
(116.1)
MARTINSVILLE
MAYO
GALAX
COLONIAL
VA
N CAR.
MT AIRY
WINSTON SALEM
379
ELKIN
SMITH REYNOLDS-969'
67H L S-278(118.3.126.18)
KNOXVILLE
MOCKSVILLE
HICKORY
40H S
STATESVILLE
27 S
NEWTON-CONOVER
LINCOLNTON
GASTONIA
16H S
SPINDLE CITY
BELMONT
BROCKENBROUGH
CAROLINA AIRPARK
STANLY
COLEY
CANNON
CONCORD
PLAZA
DELTA
31 S
DOUGLAS-745'
52H L S-396(126.18)
CHARLOTTE
212
(116.1)
MONROE MUN
MONROE
McLEOD
WADESBORO
GASTONIA MUN
30H
KINGS MTN
CHESTER
30H S
RODDEY
28 S
BELLINGER
COULBOURN
32 S
HARTSVILLE
25 S
KERSHAW
WOODWARD
30H S
S CAR I
D A
HUGGINS
ATLANTA
JACKSONVILLE
FLORENCE-146'
60H L S
FLORENCE
239
(116.1)
WASHINGTON
ATLANTA
TRI-CITY
26 S
LESTER
26 S
WARF
REIDSVILLE
25 S
CASWELL
ROXBORO
DURHAM AIRWAYS
FAIRCHILD
35H
PHARIS
ROUTH
McLEAN BROS
GILMORE NO 1
FRALEY
GREENSBORO-HIGH PT.-905'
40H L S-219(118.7.126.18)
BURLINGTON
28 S
HOGAN
HORACE WILLIAMS
49 S
RALEIGH-DURHAM-433'
45 H L S-126.18
RALEIGH
350
(116.1)
RALEIGH
28H S
GILMORE NO 2
ASHEBORO
THOMASVILLE
PAULS
LEXINGTON
SALISBURY
25 L S
HARRIS
KARNAPOLIS
LEE CO
PARKERS
40 S
POPE AAF-220'
52H L S-396(126.18+)
SKYLINE
KNOLLWOOD
53 S
N CAR I
D A
ABERDEEN INC
25
CAMP MACKALL AAF
50 H
FORT BRAGG
ROCKINGHAM-HAMLET
46 S
UPCHURCH
BROOKS
26
LAURINBURG-MAXTON
65H L S
PINE ACRES
LUMBERTON
50H L S
LUMBERTON
LILLINGTON
ERWIN
LITTLE RIVER
FAYETTEVILLE
36 S
POPE
338
(116.1)
BALLOON NO 1
NORFOLK
DUKE
WHITEVILLE
TO SPARTANBURG
TO TRI CITY
TO CHARLESTON
TO RICHMOND
TO BLACKSTONE
TO BOWLINGS
RED 37
RED 34
RED 7
RED 16
GREEN 5
GREEN 6
AMBER 7
252
72
67
339
148
148
179
89
269
359
349
345
64
237
238
119
218
299
328
323
175
355
15
232
112
292
52
235
ROWE
MOTBRIDGE
COLUMBIA
OVER
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE
LESS INTENSITY IN BOUNDARYS

NORFOLK


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 7
WASHINGTON 75
TO CHESTER
TO WASHINGTON
FARMVILLE
BLACKSTONE 371 (116.1)
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
RICHMOND 260
HOPEWELL
COLONIAL HGTS 25 S
PETERSBURG 50H
BLACKSTONE 44O 53 H S
ALBERTA
GREEN 6
SCOTT
BALO'S CASTLE
KILMARNOCK
CAPE CHARLES
NAS NORFOLK 356
HAMPTON ROADS
WHITEHURST
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
VA 2 DA
TO SOUTH BOSTON
HENDERSON
AMBER 7
VA
N CAR
HALIFAX CO
CREEDS 35H
ATHLETTE
NAS WEEKSVILLE 524
FRANKLIN
RALEIGH 350
CHARLOTTE 110
PEMBROKE 70H S
ROANOKE IS 39 H S
SELMA
GOLDSBORO 25 S
CLINTON
SEYMOUR JOHNSON AAF
50H
NEW BERN 14
MCAAF OAK GROVE
40H L S-3295 (142 741)
MCAS CHERRY PT 224
SIMMONSBORO 40H S
MCAS CHERRY POINT
76H L S-3295 (142 741)
CAMP LEJEUNE OLF
50H-3295 (142 741)
WALLACE
WHITE LAKE BEACH
BURGAW
PENDER
WILMINGTON
CAROLINA BEACH
CHARLESTON 31
MCAAF ATLANTIC 35H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
CAMP LE JEUNE OLF (New River)	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524(NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
[redacted]			
BLACKSTONE	371 (KT)(116.1)	BMLZ-VDT,133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
→ LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-VDT;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV,44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp Lejeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 - S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	1.8 NNW	25	50h	
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

h-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page IX) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
← Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
Morehead City	5WNW;RR N	15	23 S4	80 oct. No sto
Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston)	3.7 SW; riv N,W	40	26 S4	80 oct. P-line ENE
White Lake Beach	0.2 NW; lake S	75	18 S4	80 oct No sto. (White Lake)
Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct. N & E blocked

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5 S4	80,91 oct. Rnwy lgts on req.ARMY TMP.
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) INACT;CIVIL
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct. FACS.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct. Trees sur fld.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)
Dixie Holland (Cape Charles)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.
Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.

CORPUS CHRISTI

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALICE	224(AZ)	SBAM2, 72°, 7.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRA2-VDT, 157°, 2.3	(3);116.1
CABANISS NAAS, (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
CLIFF MAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.1,122.5(7-2)
CORPUS CHRISTI (Cliff Maus Field)	382(CR)(116.1)	SBMPLE-VDT, 138°, 2.9	(3);116.1
Corpus Christi (Navy)	248 (NOP)	MLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN(OCA);350°, 3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
CUDDIHY MAAS (Corpus Christi)			DECOMMISSIONED
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.1, 118.7)	C(ILS)	(4);118.7,126.1,122.5 (8-24)
LAREDO	206(LL)(116.1)	SBRA2-VDT, 137°, ..1	(4);116.1
LOS FRESNOS FM	(-)	FM, 354°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 241°, 29.5	Brownsville
PALACIOS	350(UX)	MLMZ, 11[illegible], 1.[illegible]	
PLEASANTON FM	(- - -)	FM, 174°, 44.2	San Antonio
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BROWNSVILLE, TEX (Internat'l)	110.3 ·--- (W)	335	170° Mag.	IM	MM	OM ·--(0.66)	CMK --(4.34)

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs.
(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	46h L5 S6	80,91 oct.
(A) Alice AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur fld.
* Austwell Int.5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h R1	INACTIVE.
Chupadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
CLIFF MAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.MATS.
(N) " OLP #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLP #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLP #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLP #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
(N) Cuddihy NAAS (Corpus Christi)(N)	7.8 SW;crk S	39	50h	INACTIVE
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See map (X) (NC)-Not charted. —→ MAP OF AIRPORTS PAGE

AIRPORTS — TEXAS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Spgs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strm.
Eagle Pass mun.	10 N;RR N	878	59h	
Edgerton (Cuero)	1.3 E;hwy N	774	29 S2	80 oct.AIRPT OF ENTRY.
Edna	2.9 E;hwy SW.	185	19 S6	80 oct.
Elsa	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Foster (Victoria)	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
#4 (Victoria)	6.5 NNW	104	52h	
Fox (Raymondville)	12.5 NNW	186	56h	
Freer (RC)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Harlingen, com.	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen mun.	1.8 SSW;hwy E	41	18 S1	73 oct.
	5 NW;RR SW	40	13	Pole line S.
Hunt (Portland)	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Indianola (Magnolia Beach)	2 WNW;RR ESE	35	16 S5	80 oct.
(P) INTERNATIONAL (Brownsville)	2 SW;hwy N	17	34	PRIVATE.
	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct.ARPT OF ENTRY. 100 oct army.
Kahler (Alamo)	4 NNE;RR W	93	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
* Kingsville Int.11,JI-FV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Loja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W,S.
LAREDO	3.5 NE;hwy NNE	512	66 P1 L5 S6	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W.
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct,No sto.Poles E.
(A) Matagorda Island (A)		7	4Ch	9 SSW Port O'Conner.CAP INACT NO FACS.
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	4Ch	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mic-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
(A) Moore (Mission) (A)	12 N;RR E	219	50h	CLOSED.
" #1 (Mission)	10 N Edinburg	80	40h	
(A) " #3 (Mission)(A)	5 N LaGrulla	300	30h	CLOSED.
Old Ocean	1 ENE;hwy W	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
* Pawnee Int,22,JI-FV	5 WNW;RR W	368	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
* Raymondville Int.5,JI-FV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr NW.
San Benito,2,JI-FV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Shary (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
Stockton (Palfurrias)	2 NW;RR E			ABANDONED
Tanner Sea & Land Plane Base (Port Lavaca)	1 S;hwy S	12	22 S1	80 oct.Pwr line sur fld.
Trayland (Beeville)	2 NW;RR E	225	19 S2	80 oct.Poles E.
Victoria	5.5 N;hwy SW			ABANDONED
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	
Wyoming (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.
Port Isabel	10 NW	12	4Ch	

SAN ANTONIO 115 | HOUSTON 118

EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
LAREDO 206 (116.1)
LAREDO
WORMSER
POTEET
PLEASANTON
PAWNEE
KENEDY
FOSTER No 4
EDGERTON
VICTORIA
FOSTER
ALOE AAF
ALOE No 10
EDNA
HOUSTON 332
TO ARCOLA
OLD OCEAN
LAKE JACKSON
BRAZOSPORT
BAY CITY
PALACIOS (W) 350
PALACIOS
TANNER
GREEN
MATAGORDA PENINSULA
MATAGORDA IS. BOMBING AND GUNNERY RANGE
TRAVLAND
NAAS CHASE
ROOKE
AUSTWELL
ROCKPORT
ALICE (W) 224
ALICE
CORPUS CHRISTI 382 (116.1)
WEISMAN
OLF No 25
NAAS KINGSVILLE (NORTH)
KINGSVILLE
RAYMONDVILLE
FOX
MOORE No. 1
MOORE
MOORE No. 3
COMMERCIAL
ELSA
HARLINGEN
HARLINGEN MUN.
HARLINGEN COM.
PORT ISABEL
SHABY
KAHLER
MAGIC VALLEY
McALLEN
MID-VALLEY
MERCEDES
SAN BENITO
LOS FRESNOS
MAULDIN
CENTRAL VALLEY
BROWNSVILLE 388 (116.1)
INTERNATIONAL 278 118.7 126.18
TEXAS
MEXICO

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA

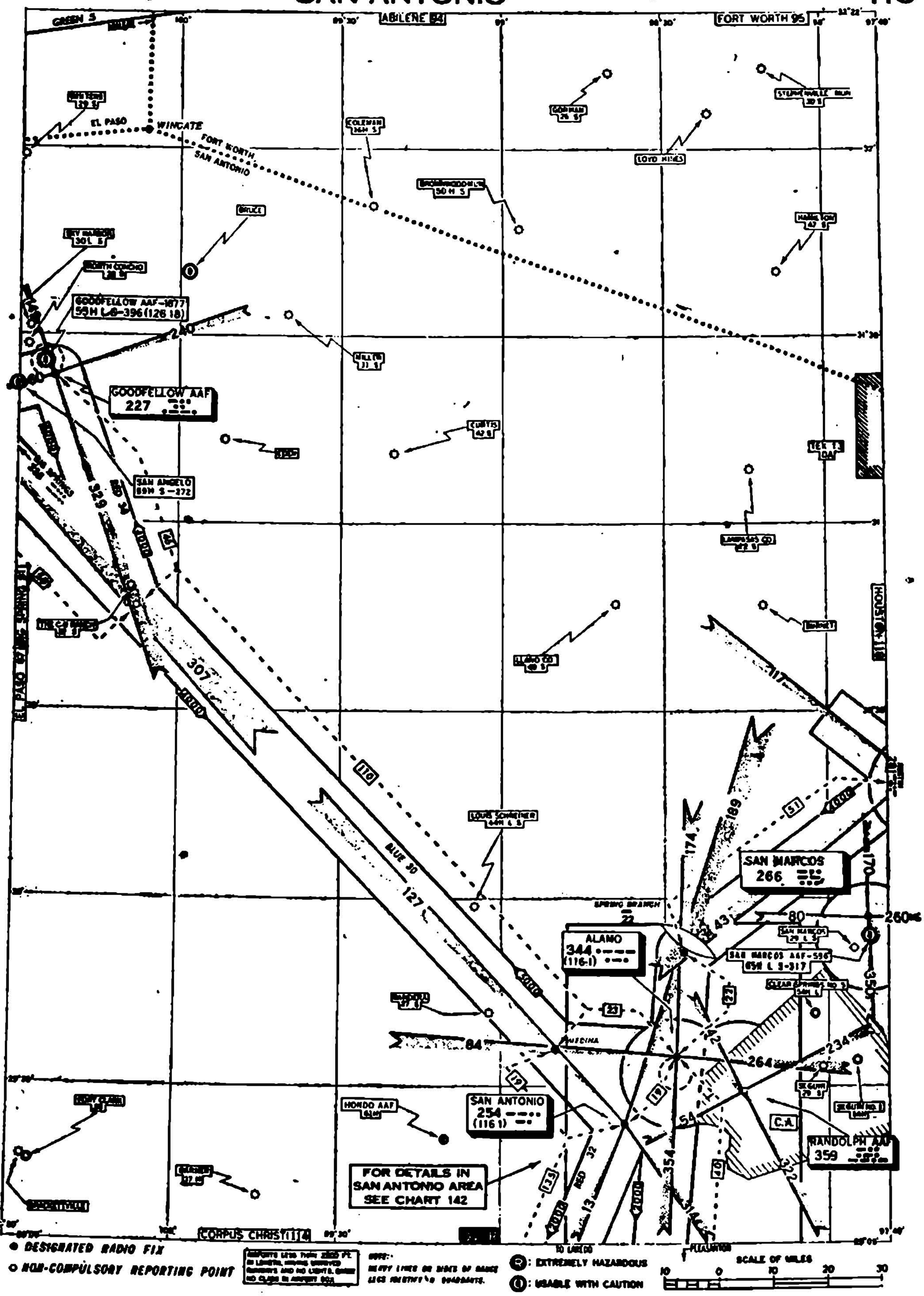
CORPUS CHRISTI AREA

COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 (116.1)
HUNT
GREGORY
NAS. CORPUS CHRISTI 248
CLIFF MAUS 278 118.3
NAS. CORPUS CHRISTI 248 142.74
NAS. CORPUS CHRISTI SEAPLANE 2870 142.74
NAAS. CABANISS 142.74
NAAS. CUDDIHY
NAAS. RODD 142.74
NAAS. WALDRON
OLF No.10
OLF No. 11
OLF No.41
SCALE OF MILES

EXTREMELY HAZARDOUS ⓘ USABLE WITH CAUTION
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

OVER

SAN ANTONIO


ABILENE 94
FORT WORTH 95
EL PASO
WINCATE
FORT WORTH
SAN ANTONIO
COLEMAN
LOYD MINES
BRUCE
GOODFELLOW AAF-1877
59H L-S-396 (126 18)
GOODFELLOW AAF
227
SAN ANGELO
59H S-272
929
307
110
127
LOUIS SCHREINER
59H L S
SAN MARCOS
266
SAN MARCOS AAF-596
65H L S-317
ALAMO
344
(116-I)
SAN ANTONIO
254
(116-I)
HONDO AAF
RANDOLPH AAF
359
C.A.
FOR DETAILS IN
SAN ANTONIO AREA
SEE CHART 142
CORPUS CHRISTI
HOUSTON
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT.	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Sound, Range and Voice. W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 148.58 mcs

AIRPORTS — TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
(A) Hondo AAF (A)	2.1 NW;RR S	929	61h	CLOSED
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill(Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 218°, 15	Houston
AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 1.8	(3); 116.1
BERGSTROM (Austin)	396(126.18)+	CA	(4); 126.18
ELLINGTON (Houston)	219	CA	4495.126.13(8-17)
HOUSTON	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4);118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
NAVASOTA (Int.)	212(NT)	MRLW ;1800,1.4	
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
WACO (Mun.)	385(WC)(116.1)	SBRAZ-DTV;9°,2.6	(4); 116.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

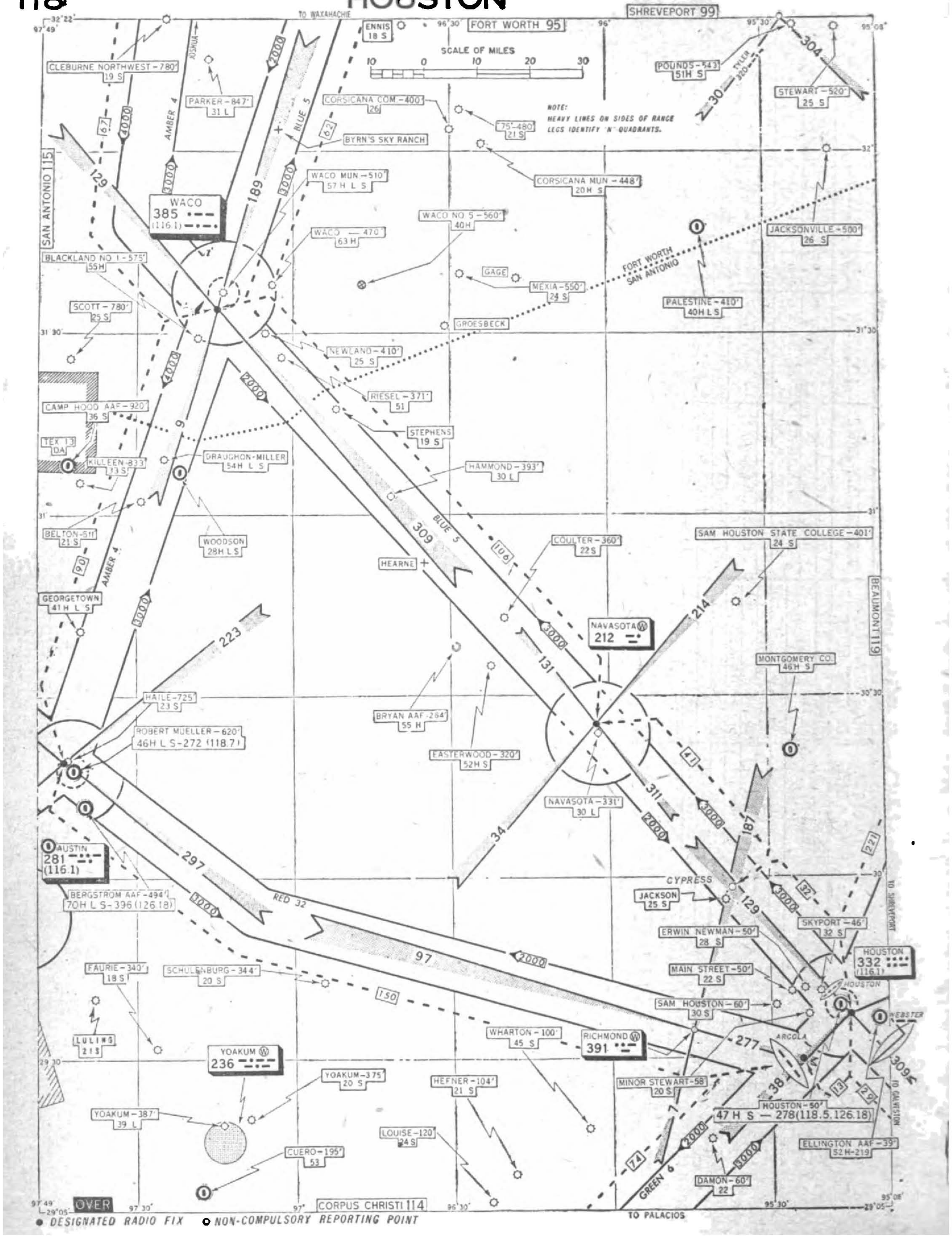
S-Simpl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137 mc, 140.58 mcs.

AIRPORTS — TEXAS

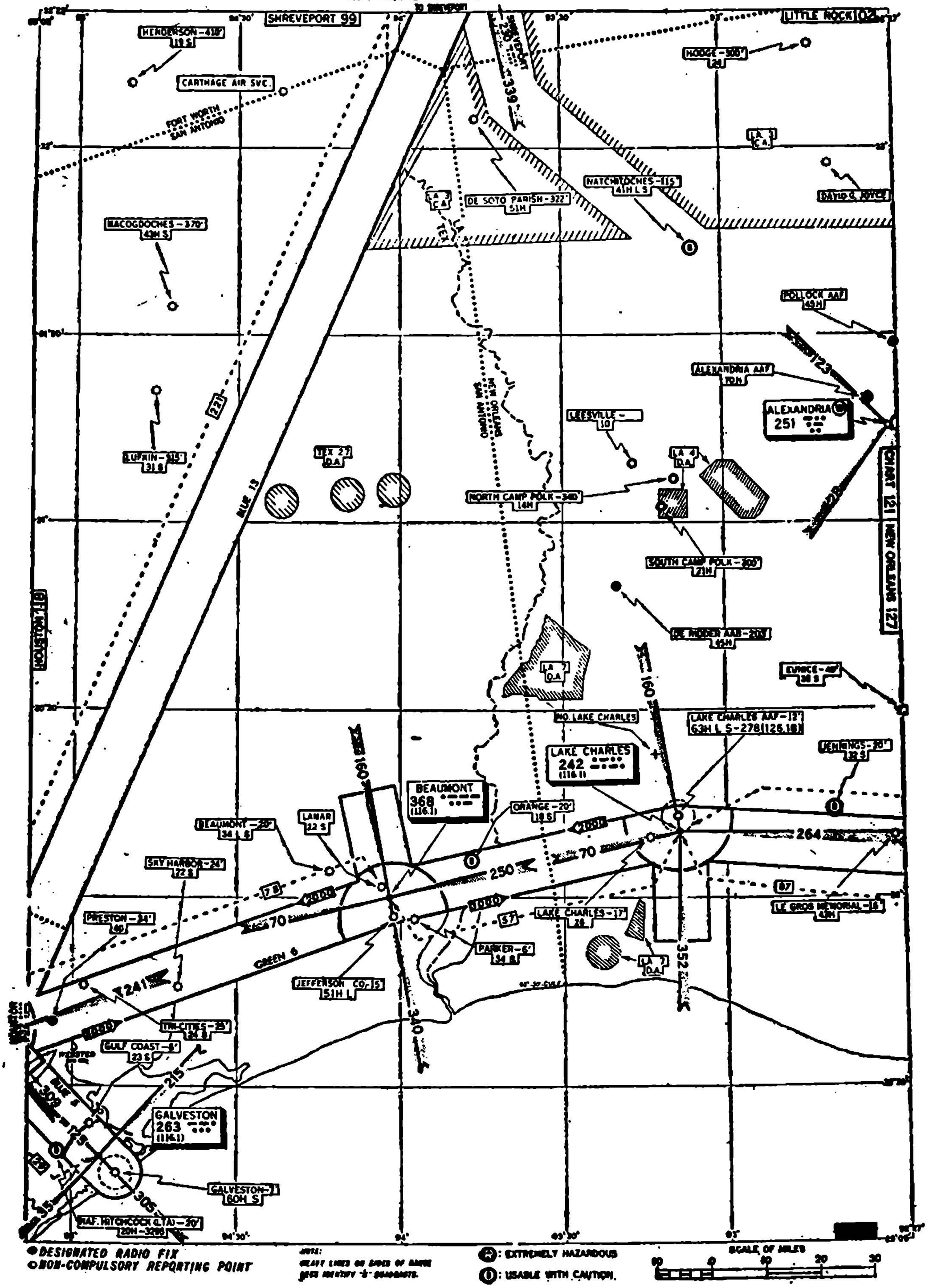
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE, NW.
Blackland #1 (Waco)	11 WSW;RR S	575	55h	
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36 S1	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence SW
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington (Houston)(A)	15 SE;RR W	39	52h R1	TMP INACT.NO FACS.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman (Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data unver.
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct.
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
(N) HOUSTON	9 SSE;hwy W	50	47h R2 L6 S6	73,80,91,100 oct.NATS
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct. (Ferry)
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct.100 oct gov't contract.
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
Waco	7 NNE;bet RRs	470	63h	ARMY TEMP INACT.
(A) WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S4	80,91,100 oct.CIVIL FACS.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	
NEW AIRPORTS				
(P) Draughon-Miller → (Temple,Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct.No flood lgts.Ctc lgts on req.
→ Woodson,(Temple,Tex.)	2 NNW;hwy SW	763	28h L3 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

HOUSTON


TO WAXAHACHIE
SHREVEPORT 99
FORT WORTH 95
ENNIS 18 S
SCALE OF MILES
10 0 10 20 30
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
CLEBURNE NORTHWEST – 780' 19 S
PARKER – 847' 31 L
CORSICANA COM – 400' 26
BYRN'S SKY RANCH
POUNDS – 543' 51H S
STEWART – 520' 25 S
JACKSONVILLE – 500' 26 S
WACO MUN – 510' 57 H L S
CORSICANA MUN – 448' 20 H S
WACO 385 (116.1)
WACO NO 5 – 560' 40H
WACO – 470' 63 H
BLACKLAND NO 1 – 575' 55H
GAGE
MEXIA – 550' 24 S
PALESTINE – 410' 40H L S
FORT WORTH SAN ANTONIO
SCOTT – 780' 25 S
GROESBECK
NEWLAND – 410' 25 S
RIESEL – 371' 51
CAMP HOOD AAF – 920' 36 S
STEPHENS 19 S
TEX I 3 DA
KILLEEN – 833' 13 S
DRAUGHON-MILLER 54H L S
HAMMOND – 393' 30 L
BELTON – 511' 21 S
WOODSON 28H L S
SAM HOUSTON STATE COLLEGE – 401' 24 S
COULTER – 360' 22 S
HEARNE
GEORGETOWN 41 H L S
NAVASOTA 212
MONTGOMERY CO. 46H S
HAILE – 725' 23 S
BRYAN AAF – 264' 55 H
ROBERT MUELLER – 620' 46H L S – 272 (118.7)
EASTERWOOD – 320' 52H S
NAVASOTA – 331' 30 L
AUSTIN 281 (116.1)
BERGSTROM AAF – 494' 70H L S – 396 (126.18)
CYPRESS
JACKSON 25 S
SKYPORT – 46' 32 S
ERWIN NEWMAN – 50' 28 S
HOUSTON 332 (116.1)
FAURIE – 340' 18 S
SCHULENBURG – 344' 20 S
MAIN STREET – 50' 22 S
SAM HOUSTON – 60' 30 S
WEBSTER
ARCOLA
LULING 21 S
YOAKUM 236
WHARTON – 100' 45 S
RICHMOND 391
YOAKUM – 375' 20 S
HEFNER – 104' 21 S
MINOR STEWART – 58 20 S
YOAKUM – 387' 39 L
HOUSTON – 50' 47 H S – 278 (118.5.126.18)
LOUISE – 120' 24 S
CUERO – 195' 53
ELLINGTON AAF – 39' 52 H – 219
DAMON – 60' 22
SAN ANTONIO 115
BEAUMONT 119
TO SHREVEPORT
TO GALVESTON
TO PALACIOS
AMBER 4
BLUE 5
RED 32
GREEN 6
OVER
CORPUS CHRISTI 114
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

BEAUMONT


SHREVEPORT 99
HENDERSON - 410°
119 S
CARTHAGE AIR SVC.
FORT WORTH SAN ANTONIO
LITTLE ROCK 02
HODGE - 305°
24
339
LA 3 CA
DE SOTO PARISH - 322°
51M
NATCHITOCHES - 115°
41M L S
DAVID G. JOYCE
NACOGDOCHES - 370°
43M S
LUFKIN - 315°
31 S
22
BLUE 13
TEX 27 D.A
NEW ORLEANS SAN ANTONIO
LEESVILLE - 10
LA 4 D.A
NORTH CAMP POLK - 340°
14M
POLLOCK AAF
49M
123
ALEXANDRIA AAF
20M
ALEXANDRIA
251
CHART 121 NEW ORLEANS (22)
SOUTH CAMP POLK - 300°
21M
DE RIDDER AAB - 280°
45M
LA 7 D.A
EUNICE - 40°
38 S
160
NO. LAKE CHARLES
LAKE CHARLES AAF - 13°
63M L S - 278 (125.1R)
LAKE CHARLES
242
(116.1)
JENNINGS - 28°
32 S
BEAUMONT
368
(116.1)
ORANGE - 20°
19 S
BEAUMONT - 29°
34 S
LAMAR
22 S
SRY HARBOR - 24°
22 S
264
70
250
87
LE GROS MEMORIAL - 16°
43M
PRESTON - 34°
40
LAKE CHARLES - 17°
28
PARKER - 6°
34 S
241
JEFFERSON CO. - 15
15IH
TRI-CITIES - 25°
24 S
GULF COAST - 9°
23 S
215
GALVESTON
263
(114.1)
GALVESTON - 7°
60M S
305
35
HOUSTON (19)
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS INDICATE "L" BOUNDARIES.
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION.
SCALE OF MILES
90
0
10
20
30
94°30'
94°
93°30'
93°

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	368(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	263(GS)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker: (3) 3105, 6495, 6210 kcs; (4) 3105, 6495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116.1, 137.88, 140.98 mcs.

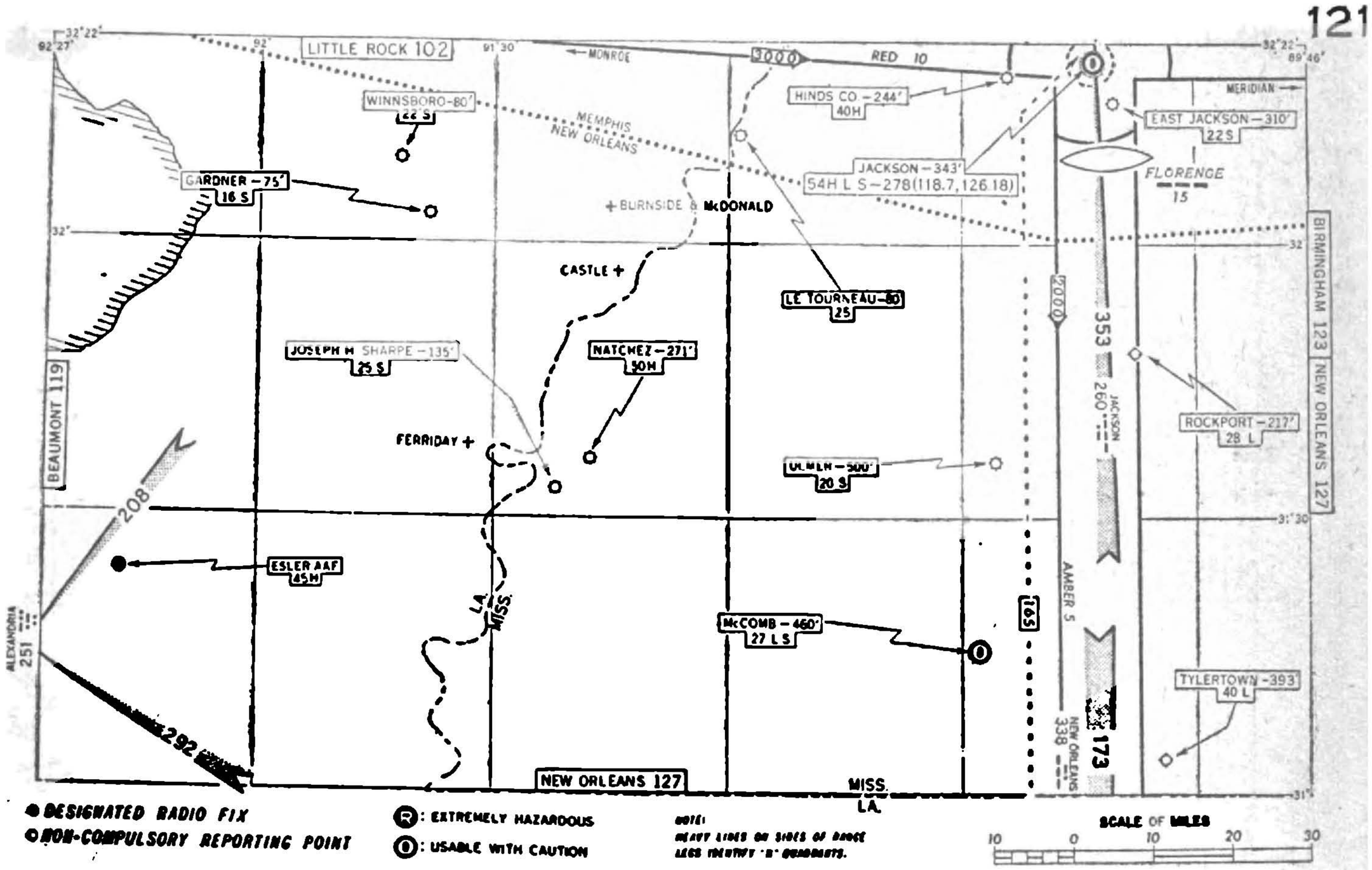
AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ALEXANDRIA AAF (A)	5.5 W;riv 2 N	88	70h	CLOSED
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(P) De Ridder	3.5 WSW;RR S	203	45h	
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A) LAKE CHARLES AAF (A)	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. JP-1. No sto.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Nacogdoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N, S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nachitoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston) (A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.
NEW AIRPORTS				
→ David G. Joyce (Winnfield,La.)	3 NW;hwy E	130	16 S1	80 oct. Trees N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted), → NEW OR REVISED DATA.



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES.

LOUISIANA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct. No sto.Data unver.
Esler (Alexandria)	11 NE;Bayou S	92	45h	CLOSED.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Winnsboro	1.2 ESE;RR SW	80	22 S1	80 oct.

MISSISSIPPI

East Jackson (Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
JACKSON Tower	278 (126.18, 118.7)	173°,2.4	C	(4); 126.18,118.7,122.5
(A,N) [Jackson]	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank, stack E.
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior req. Caution-wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req. Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int, 12, NO-LS	1.5 E; riv W	217	28 L3	
* Tylertown Int, 7, NO-LS	6 SE; road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. Pole line W.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)
→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

BIRMINGHAM

ALABAMA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Autaugaville(Selma)	20.5 W	100	73	
BIRMINGHAM Range	224(BH)(116.1)		SBRAZ-DTV	(3); 116.1
BIRMINGHAM Tower	278 (126.18, 118.3)	178°,3	AC	(4);122.5,126.18,118.3
(A) [Birmingham]	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct.JP-1.Rdo rec
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct.No sto. rqrd.
→ Columbiana	1.5 WNW	514	23	Light acft only.
CRAIG Army Range	272 (DPP)		BMRLZ	(3); 126.18
CRAIG Tower	219 (126.18)	320°,2.5	CA	(3); 126.18
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW	198	50h	Riv NW
(A) Elmore(Montgomery)	10 N;hwy N	203	45	CLOSED (A)
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma)(A)	10 SSW	145	40	CLOSED
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E
Greenville,24,NO-AG	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
(A) Henderson (Selma)(A)	29 SW;riv W	170	40	CLOSED
MAXWELL Army Range	362 (DXW)		SBRAZ	(4)
MAXWELL Tower	396(126.18)+	86°, 2	CA	(4); 126.18
(A) Maxwell (Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct.No sto. JP-1
(A) Mollette(Selma)(A)	16.2 SSW	150	40	CLOSED
Roberts(Birmingham)	3 W;RR N	610	39	
Selma-Selfield(Selma)	4 ENE;RR S	130	40h	
TUSCALOOSA H Fac.	206(TU)(116.1)		MHTV	(4); 116.1
→ Tuscaloosa,59,FV-AG	3 NW;RR N	172	52 R1 L3 S6	80,91 oct.Pole,trees N.
Walker Co.(Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.

MISSISSIPPI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Augustine (Jackson)	11.5 NE;riv SE	335	40	73 oct.
★ Batesville Int, 29, NO-LS	3 W;hwy SE	205	25 L3	Poles N, lgtd.
Bonita (Meriden)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(P) Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 oct.
(A) Columbus AAF (A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest,46,FV-AG	1 W;RR S	512	28 L3 S1	80 oct.
GREENWOOD Range	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood] Mun.	2.3 SW;RR SE	129	40h R1 L5 S2	73,80 oct.Pole line E,SE
(A) Greenwood AAF(A)	5.8 ESE;hwy N	162	50h	CLOSED
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range	260(JA)(116.1)		SBRAZ-DTV	(3);116.1,122.1
JACKSON Tower	278 (126.18, 118.7)	173°,2.4	C	(4); 126.18,118.7, 122.5
(A) → [Jackson]	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct.Tank, stack E.
[Key](Meridian)	3.5 SW;RR E.	297	50h R1 L5 S4	80,91 oct.Ctc lgts prior request.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Lee (Canton)	1.4 WNW;RR E	300	38	Tank E
Louisville Air Svc.	3.9 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic(Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
MERIDIAN Range (Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1
North Jackson Arpk (Jackson)	7.5 NE;hwy E	300	25 S4	80 oct.No sto.Trees S.
O'Keefe(Newton)	1.5 ESE;RR N	363	26	Trees NE,SE,NW UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
★ Rockport Int, 12, NO-LS	1.5 E;riv W	217	28 L3	
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson(Aberdeen)(A)	3 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
★ Zeiglerville Int,19, NO-LS	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

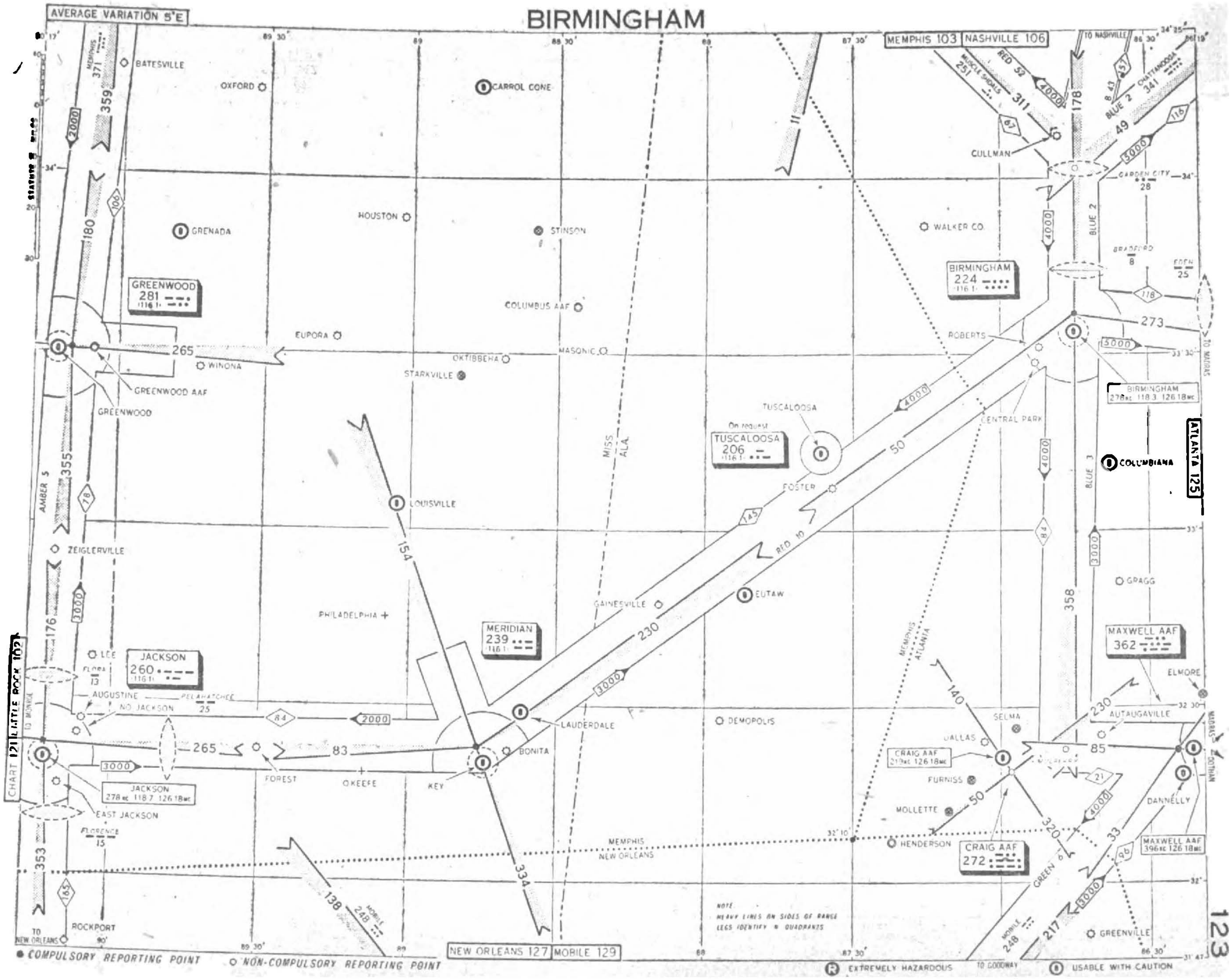
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● Guarded only when associated tower inoperative. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page D:)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

BIRMINGHAM



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

ATLANTA

ALABAMA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST / ELEVATION	CLASS	REMARKS; FREQS GUARDED, HRS. OF OPERATION
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N.
Anniston	5.5 SSW	610	24 S3	80 oct. P-line W,lgtd.
(A) Anniston AAF (A)	15 SW;hwy N	527	53h	TMP INACT. NO FACS.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct.
Centre	0.6 NNW	720	22 S4	80 oct. SSE appch blckd.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
GUNTER Tower	201		CA	4495 (Oper. on a variable schedule)
(A) Gunter (Montgomery)(A)	**5 NE**	225	35h R1	
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct. No sto. Twr
Norman Bridge (Montgomery)	5.8 S;RR E	172	20 S4	73 oct. No sto. S end.
Talladega	2.6 NE;RR SE	590	20	Pole line E,hill W.
Thomas C. Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (A)	4.8 NNW;rd E	393	50h	CLOSED
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST / ELEVATION	CLASS	REMARKS; FREQS GUARDED, HRS. OF OPERATION
Allen (Buford)	1.5 S;hwy SW	1070	15 S1	80 oct. Pole line SW.
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
→ Athens	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req.
ATLANTA Range	266(AG)(116.1)		SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower	278(118.7,126.18)	331°,1.9	AC (ILS)	(4);126.18,118.7,122.5
(A) [Atlanta]	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.
ATLANTA Navy Range	323 (NCQ)		MRLWZ	
ATLANTA NAS Tower	356 (142.74)	86°, 3.2	CN	3105,4495,3117.5;142.74
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2 (L6) S6	100 oct.
★ Butler Int,14,TJ-AG	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown	1 W;rd S	850	25 S4	80 oct. P-lines N,W.
City-Co.(Carrollton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran(Macon) (A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
★ Cochran,Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE.
Columbus	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton	2 SE;hwy W,N	710	16 S1	80 oct. Obst sur fld.
Felton (Cartersv'l)	2.5 N	790	23	Hills S,W,N;wires E,W
Gainesville	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
[Herbert Smart] (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	80,91 oct.
Jackson Int,57,MM-AG	4.6 SW;rd S	716	30 L3	**Barn E; bldg W.**
JONESBORO K Fac.	219 (H)	133°,11	FMK	Atlanta
Kings (Milledgev'l)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3 SW;RR ESE	700	50h L2	
→ Lakewood(Atlanta)	4 S; lake SE	1026	16 S4	80 oct.
LAWSON Army Range	379 (DVL)		BMRLZ	(3)
LAWSON Tower	278 (126.18)+	21°,3.3	CA	(3); 126.18
(A) Lawson(Columbus)(A)	9.5 S;riv W	232	59h R2 L5 S6	91,100 oct. No sto.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
MACON Range (Herbert Smart)	209 (UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE
→ MARIETTA AAF Twr	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
→ Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Poleline SE
[Muscogee Co.] (Columbus)	5 NE;hwy E	386	40h L5 S6	80,91 oct. Fld lgts - prior req.
Newnan Arpk.	3.7 SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial(Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. Trees NE.
ROBINS Tower	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins) (A)	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct. JP-1.
Roosevelt (Warm Springs)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW, NW
Rockmart	2 ENE;RR W	800	20 S1	80 oct. P-line W.
Rome	3 NW;RR S	669	25 S6	80 oct. No sto.
(P) Russell (Rome)	7 N;hwy N	644	45h	
Siloam Int,7B,AG-CS	1.3 S;rd W	654	39 L3	82' mast SE corner N/S strip.
Souther (Americus)	4 NE;RR W	470	66	
★ Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW
(A) Vidalia-Lyons (Vidalia) (A)	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS
Washington	1.4 NW;RR SE	600	22 S1	80 oct.
★ Winder Int,4,AG-LG	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.

SOUTH CAROLINA

Bentley (Calhoun Falls)	3 ENE;RR NNW	500	16	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
ATLANTA, GA.	109.9 --.-		320° Mag.	IM- MM- OM- MMK-201 .--. (0.68) OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+-Army A.C.S. transmits on and guards 116.1, 127.86, 140.58 mcs. ● Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

ATLANTA

AVERAGE VARIATION 2°E

NASHVILLE 106 KNOXVILLE 107

BIRMINGHAM 123

CHARLESTON 131

RUSSELL GLF
ROME
ALBERTVILLE
CENTRE
GADSDEN
CEDARTOWN
ROCKMART
FELTON
CLEVENGER'S
GAINESVILLE
NAS ATLANTA (W) 323
WINDER
ALLEN
PARKAIRE
NAS ATLANTA
MARIETTA AAF
CRAWFORD W LONG
ELBERTON
BENTLEY
ATHENS
CORB
LAKEWOOD
ANNISTON AAF
ANNISTON
TALLAPOOSA
CITY COUNTY
ATLANTA 278 1187 126 18
ATLANTA 266
WASHINGTON
BIRMINGHAM 224
RED 10
TALLADEGA
MORTON
MADISON
SILOAM
JONESBORO 219
NEWNAN
GRIFFIN
JACKSON
KINGS
AUGUSTA 385
107
LA GRANGE
WOODBURY
ROOSEVELT
REGINALD GRANT MEM
THOMAS C RUSSELL
HERBERT SMART
RIES
MACON 209
MAXWELL AAF 362
AUBURN-OPELIKA
MUSCOGEE CO
COCHRAN AAF
GOBBINS AAF
TUSKEGEE AAF
MOTON
COLUMBUS
LAWSON AAF 278 1261 8
TUSKEGEE INST NO 1
BUTLER
DUBLIN
RED DOG
COCHRAN
GUNTER AAF 201
ALLEMPORT
HURTSBORO
LAWSON AAF 379
MONTEZUMA
NORMAN BRIDGE
SOUTHER
AMERICUS
VIDALIA-LYONS
MRAE
TROY AAF
WILEDON
CORDELE
ALBANY 254
ATLANTA JACKSONVILLE
MOBILE 129 JACKSONVILLE 133
TURNER NO 1

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT AS ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS
Ⓤ USABLE WITH CAUTION

NEW ORLEANS

LOUISIANA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(N) Alvin Callender (New Orleans)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct. No sto. Poles
Chapman (New Orleans)	8.5 NE;lake N	4	22	15' trees NW S Cattle on fld.
* Covington Int, 3, NO-LS	6 NNE;hwy W	77	27 L3	Pole line W
* Donaldsonville Int, 26, HU-NO	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E; hwy N,E	56	31 S4	80,91 oct. Pole line S.
(A) Esler (Alexandria) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Rds)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld
Grand Isle	2.6 NE;hwy NW	4	22	
(P) Hammond	2 ENE;RR S	40	50h	
[Harding] (Baton Rouge)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams **Memorial** (Patterson)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct. No bcn. Lgts prior req. Pole line NW.
(N) Houma NAS (LTA) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
K-P (Covington)	1.6 NW;RR S	27	18 S2	80 oct.
LAFAYETTE H Fac.	227(UG)(116.1)		MHTV	(4); 116.1
Lafayette	1.5 SE;RR W	40	50h R1 L5 S5	80,91 oct. Pole line S
Menefee (New Orleans)	6.2 E; riv S	1	31	Pole line S
MOISANT Tower	278 (118.3, 126.18)	271°,3.2	C (ILS)	(4); 122.5,118.3,126.18
(N) [Moisant **International**] (New **Orleans**)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines NATS
NEW ORLEANS Range (Moisant)	338(NO)(116.1)		SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower	382 (126.18)		CA	(4); 126.18
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L4 S4	91,100 oct.; 100 oct. Govt. contract. FEE.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74(8-sunset)
(N) New Orleans NAS (N)	4.6 N;on lake	7	34h R1	Tower NE.
(P) Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia)	2.6 N;hwy W	21	18	Poles W, WSW. Cattle on fld.
Winnsboro	1.2 ESE;RR SW	80	22 S1	80 oct.

MISSISSIPPI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Ellisville	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW CLOSED
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Rng	221 (DOX)		BMRLZ	(4); 4220
KEESLER Tower	201 (126.18)	210°,2.9	CA	(4); 4220
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
Laurel	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req. Obsts sur field.
McLaurin	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
(P) Natchez	7.1 ENE;RR S	271	50h	
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW.
* Tylertown Int, 7, NO-LS	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
NEW ORLEANS, LA. (Moisant)	109.9 (W)	333.8	100° Mag.	IM- ····· (0.04)	MM-	OM- . -- (4.5)
				•	MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical **Numbers in Frequency Column indicate VHF Voice.**
+-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio **facilities. L-lighting facilities. S-servicing** (see page IX)
NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

NEW ORLEANS

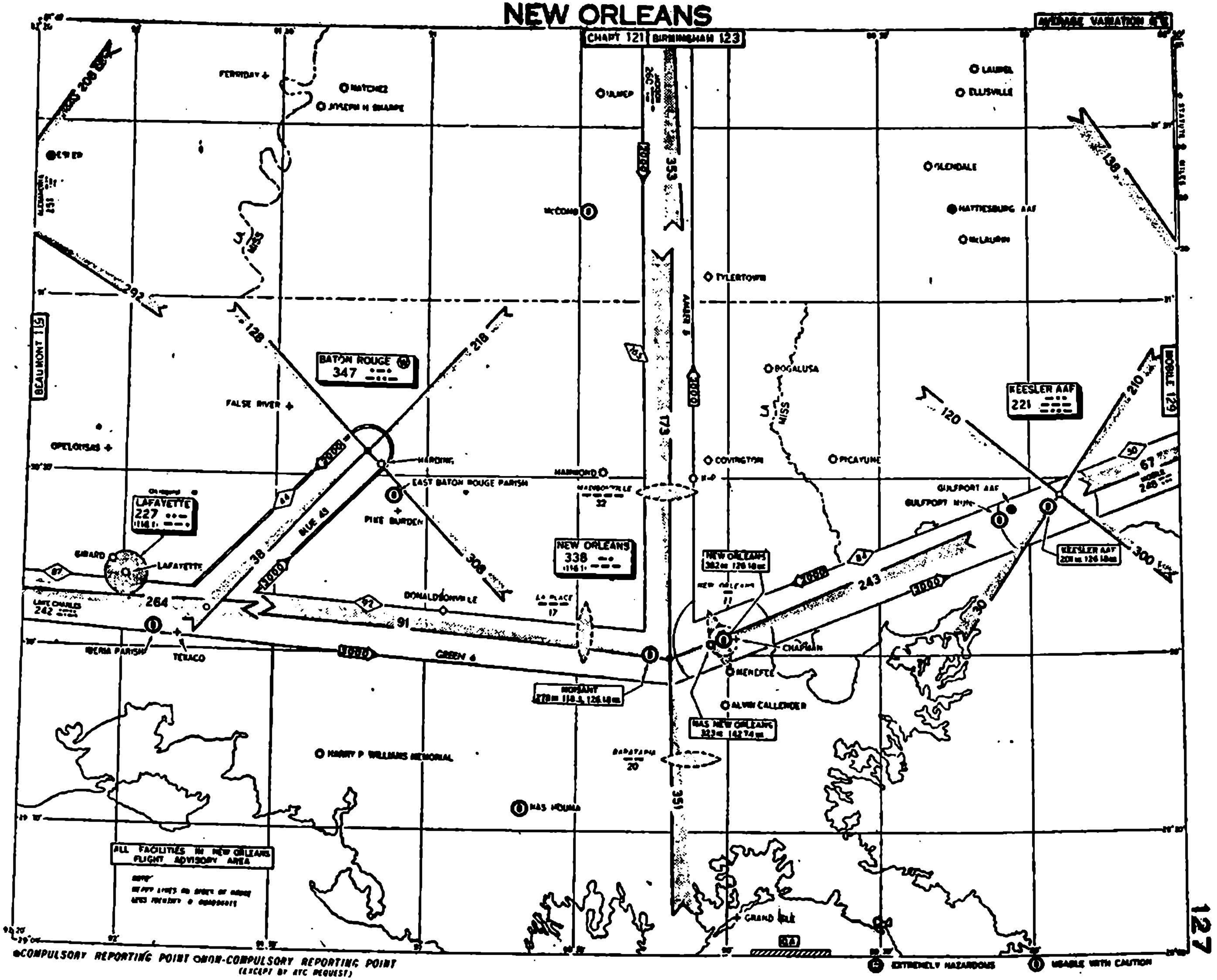


CHART 121
BIRMINGHAM 123
MERIDIAN VARIATION 6°E
BEAUMONT 115
BOOTHEVILLE 129
BATON ROUGE
347
LAFAYETTE
227
NEW ORLEANS
338
KEESLER AAF
221
NEW ORLEANS
NEW ORLEANS
HOUMA
NAS NEW ORLEANS
GULFPORT AAF
KEESLER AAF
MERIDIAN
MCCOMB
HATTIESBURG AAF
LAUREL
ELLISVILLE
MOSS POINT
PASCAGOULA
GAUTIER
PICAYUNE
COVINGTON
HAMMOND
EAST BATON ROUGE PARISH
PIKE BURDEN
DONALDSONVILLE
GONZALES
GRAND ISLE
TERACO
IBERIA PARISH
LAKE CHARLES
HARRY P WILLIAMS MEMORIAL
ALVIN CALLENDER
CHAPLIN
MENDTEE
FALSE RIVER
OPELOUSAS
HARVEY
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
128
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120
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MILE 49
GREEN 6
AMBER 1
AMBER 3
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ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
@COMPULSORY REPORTING POINT
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(EXCEPT BY ATC REQUEST)
E EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

ALABAMA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Andalusia	1.7 SSE; RR N	340	18 S1	80 oct.
* Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
BARIN NAAS (EAST) Tower				DECOMMISSIONED
(N) Barin NAAS-East (Foley)(N)	2.7 ESE	51	41h	INACTIVE
BARIN NAAS (WEST) Tower				DECOMMISSIONED
(N) Barin NAAS-West(Foley)(N)	2.7 ESE	72	34h	INACTIVE
[Bates](Mobile)	10 W; rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)	3.5 S; riv N	92	40h	
Brewton (old)	2.5 N; hwy E	100	23	UNUSABLE
BROOKLEY Tower (Mobile)	281 (126.18)+	138°, 3.2	CA	(4); 126.18
(A) Brookley (Mobile)(A)	3 SSW;RR NW	26	89h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
DOTHAN Range	233 (NI)(116.1)	47°, 3.9	SBRAZ-DTV	(4); 116.1
[Dothan]	3 WNW;hwy SE	330	40h R1 L5 S6	80,91 oct. No sto.No flood lgts
Enterprise	0.5 NE	355	22	
(N) Faircloth (Lillian) (N)	3 NW;bay E	70	37	
Headland	2 ENE;hwy NW	350	48h S1	80 oct.
(N) Kaisers Tract OLF (Elberta)(N)	3.3 ENE;hwy S	90	25	
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
MOBILE Range	240 (MS)(116.1)		SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan) (A)	7.5 NW;RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT.NO FACS.
(A) St. Elmo (A)	1 WSW;RR S			ABANDONED
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW.
(N) Summerdale OLF (N)	3.5 ENE;RR W	129	29h	
(N) Wolf OLF (Josephine)(N)	1.5 N;bay E	54	30h	

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance #4 (Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A) *	2 W;RR N	19	53h	CLOSED
(N) Bagdad OLF (Pensacola)(N)	14 NE;RR SE	111	18h	Use rnwys.
(A) Bascom (Marianna)(A)	15.5 NE	120	50h	CLOSED
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(A) Carrabelle Flight Strip (A)	2.6 W;hwy S	20	40h	CLOSED
Chipley	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
CRESTVIEW Range	350 (HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W; RR N	197	25 S1	80 oct. Pwr line N.
EGLIN Army Range	209 (DVQ)		MRLPZ	Rng cont.;(3);126.18 (6-24)
EGLIN Tower	278 (126.18)+	175°, 3.6	CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna)	9.5 N; riv W	116	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h	INACTIVE
Gulf Arpk (Pensacola)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola)(N)	12 NW	100	54	
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
(A) Malone #2 (Marianna)(A)	15.5 N	154	50h	CLOSED
Marianna	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
Milton "T"	3.5 ENE;RR S	150	53 S3	80 oct.

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Panama City	5 NW;bay N,S,W.	5	19 S6	80 oct.
Pensacola Arpk.	5 NNW;hwy E		28 S1	80 oct.Allway fld.Data unver.
(P) [Pensacola]	4 NNE;bay E	121	50h R1 L5 S6	80, 91 oct.
PENSACOLA NAS-CHEVALIER Tower	382 (142.74)		CN	(4); 142.74 (sunrise-30 mins. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat.,Sun., and holidays)
(N) Pensacola NAS-Chevalier	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)	244°,6.4	CN	3105; 142.74
(N) Pensacola NAS-Corry (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N)	14 NW;riv 3 W	100	46	
(N) " OLF #5 (N)	10 NNW;RR W	115	57	
(N) " OLF #6 (N)	10 NNW;RR E	110	48	
(N) " OLF #7 (N)	7 NW	103	37	
(N) " OLF #8A(N)	13 NW	100	73	
(N) " OLF #9K(N)	11.5 NNW;RR E	110	50	
(N) Santa Rosa OLF (Milton)(N)	6 E;rivs N,S,W	150	45h	
SAUFLEY NAAS Tower	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola)(N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87, 91 oct. NATS
(N) Spencer OLF (Pensacola)(N)	15 NNE;bay S	145	18h	
TYNDALL Army Range	203 (DKE)		BMRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower	272 (126.18)	313°, 2.8	CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City)(A)	8 SE;Gulf SW	16	61h R2 L5 S6	73,91,100 oct.
WHITING Navy Range	524 (AWT)		MRLZ	
WHITING NAS-NORTH Tower	269 (142.74)	130°, 3.2	CN	3105,4495; 142.74
(N) Whiting NAS-North (Milton)	6 N	200	60h R2 (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED.
(N) Whiting NAS-South (Milton)	5 N	178	60h	Use N Field. INACTIVE.(N)

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Donalsonville	1 S	150	40h	
(A) Reynoldsville (A)	1.7 SSW	110	30h	CLOSED

MISSISSIPPI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
				MMK-		OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

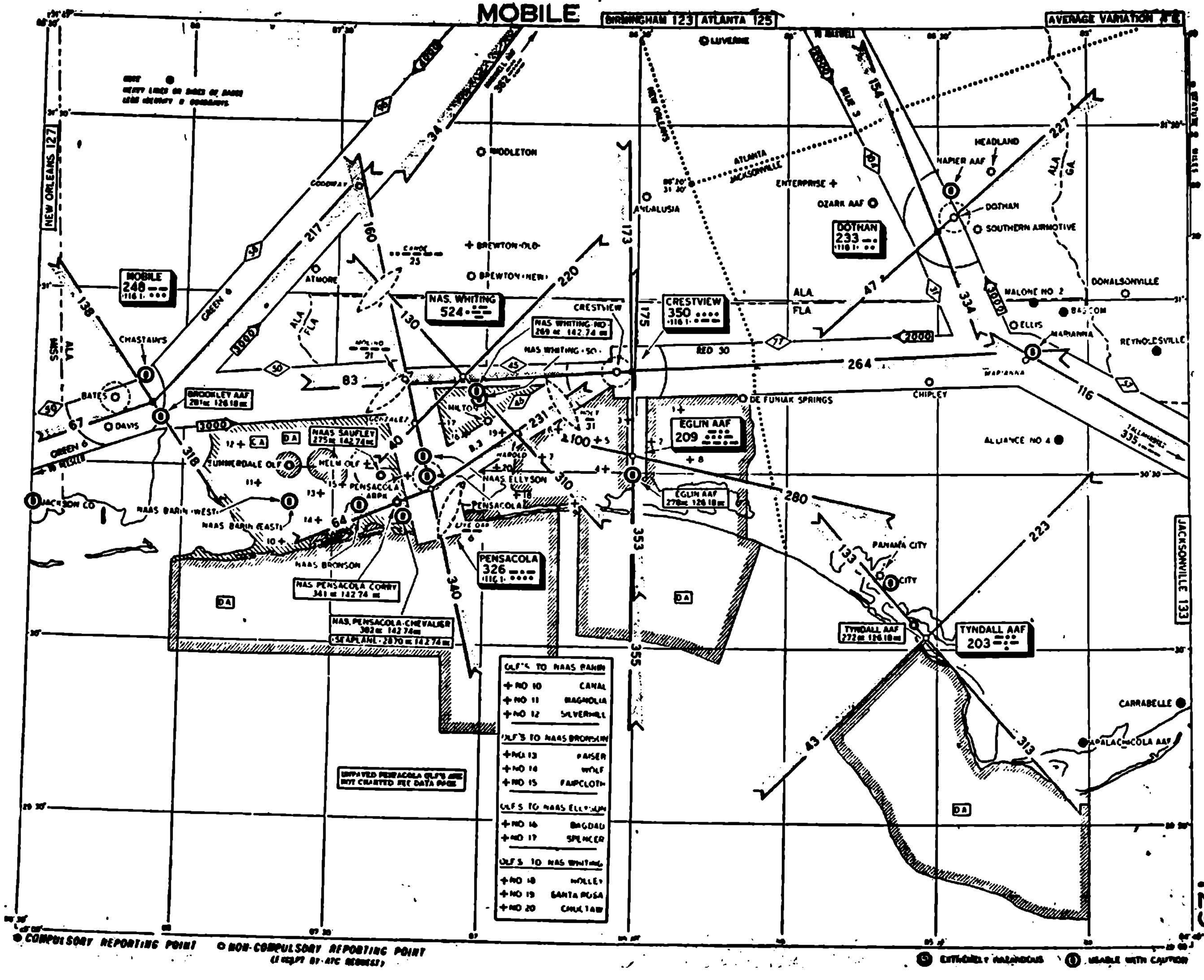
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
City Air Park (Panama City, Fla	2.5 N	40	26 S6	80,91 oct,Wires NE.Data unver

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+-Army A.C.S. transmits on and guards 116.1, 137.88, 140.90 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page DI)

-►◄- NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

MOBILE


BIRMINGHAM 123
ATLANTA 125
AVERAGE VARIATION 3°E
NEW ORLEANS 127
MOBILE 248
NAS. WHITING 524
CRESTVIEW 350
DOTHAN 233
EGLIN AAF 209
PENSACOLA 326
TYNDALL AAF 203
MIDDLETON
BREWTON-OLD
BREWTON-NEW
ATMORE
ATLANTA JACKSONVILLE
ENTERPRISE
OZARK AAF
HEADLAND
NAPIER AAF
DOTHAN
SOUTHERN AIRMOTIVE
ANDALUSIA
LUVERNE
CHASTAINS
BATES
DAVIS
BROOKLEY AAF
NAAS SAUFLEY
TUMBLEDALE OLF
HELM OLF
NAAS BARIN WEST
NAAS BARIN EAST
NAAS BRONSON
NAAS ELLYSON
PENSACOLA
PENSACOLA ARPN
NAS PENSACOLA CORRY
NAS. PENSACOLA-CHEVALIER
SEAPLANE
NAS WHITING-NO
NAS WHITING-SO
CRESTVIEW
RED 30
MILTON
DE FUNIAK SPRINGS
CHIPLEY
MARIANNA
ELLIS
MALONE NO 2
DONALSONVILLE
BASCOM
REYNOLDSVILLE
ALLIANCE NO 4
PANAMA CITY
CITY
CARRABELLE
APALACHICOLA AAF
JACKSONVILLE 133
UNPAVED PENSACOLA OLF'S ARE NOT CHARTED SEE DATA PAGE
OLF'S TO NAAS BARIN
NO 10 CANAL
NO 11 MAGNOLIA
NO 12 SILVERHILL
OLF'S TO NAAS BRONSON
NO 13 PANSER
NO 14 WOLF
NO 15 FAIRCLOTH
OLF'S TO NAAS ELLYSON
NO 16 BAGDAD
NO 17 SPENCER
OLF'S TO NAS WHITING
NO 18 MOLLEY
NO 19 SANTA ROSA
NO 20 CHULAW
ALA
FLA
GA
DA
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(REQUEST BY ATC REQUIRED)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION

CHARLESTON

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
AUGUSTA Range (Daniel)	385 (VD)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
Birdsville (Millen)	9.4 WNW;Riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
(A) Chatham AAF (Savannah)(A)	7.5 NW;RR E	50	70h L5	TMP INACT. NO FACS.
DANIEL Tower [Daniel] (Augusta)	278 (126.18, 118.9)	46°, 2.1	C	(4); 126.18, 122.5
	2.5 W;RR S	420	42h R2 L5 S4	80,91 oct. No sto.Use rnwys only.
Hinesville	3 S; hwy W	55	24 S4	73 oct.No sto. Rdo repairs.
HUNTER Tower	278 (126.18, 118.7)	51°, 2.2	AC	(4); 122.5,126.18,118.7
(N) [Hunter] (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80,91 oct.120' twr on fld.
(P) Lindsey (Swainsboro)	2.3 S; RR W	300	30	Pole line E NATS (Ferry)
SAVANNAH Range (Hunter)	263 (SH)(116.1)		SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE, SW.
(A) Statesboro AAF (A)	3.8 NE;hwy W	180	54h	CLOSED
(A) Sylvania AAF (A)	7.5 SSE;hwy E	175	50h	CLOSED
West Savannah (Savannah)	3 W;RR W,N	42	22 S6	80 oct. Pole line NW.

NORTH CAROLINA

(P) [Bluethenthal] (Wilmington)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Carolina Beach	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Peiffer (Wilmington)	6 ESE;ocean E	10	18 S1	80 oct. Pole line NNE,trees N,S,SW.
Whiteville	3.7 S; RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk.	3 SE;hwy N	20	27 S4	80 oct. N and E blocked.

SOUTH CAROLINA

Aiken (old)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (A)	6 NNE;RR SW	530	51h	CLOSED.
Barnwell	1 WNW;hwy E	235	50h	
(P) Beaufort	4 NW	38	60h S4	80 oct.
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range	329(CS)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (A,N)[Charleston] (mun.)	278 (126.18, 118.3)	110°, 2.0	AC (ILS)	(4); 126.18, 118.3,122.5
	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TEMP INAC. CIVIL FACS. NATS(Hospital)
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE.
Clark (Charleston)	4 S; riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (Owens)	227 (CI)(116.1)	330°, 1.9	SBRAZ-DTV	(4); 116.1 (DT Lexington Co.)
(N) Congaree (Columbia)(N)	15.5 ESE;RR S	237	45h	INACTIVE.
(A) Coronaco AAF (A) (Greenwood)	3.8 N;RR E	629	50h	
Donald (St. Matthews)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke Field (Chadbourn)	1 N; RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
FLORENCE Range	239 (FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence	3.5 E;RR SW	146	60h R1 L5 S1	80, 91 oct.
Georgetown	1 NW; riv E	12	29 S6	80, 91 oct.
(P) Georgetown County	4 S; bay E	37	50h	
Greenwood	2.6 W;RR E	650	24 S6	73 oct.
Hartsville	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Huggins (Timmonsville)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct. Pole line ENE.
(A) John's Island (Charleston) (A)	7 SSW; rd W	16	50h	CLOSED
* Lane Int, 24, JX-RW	3 S; RR W	72	34 L3	
LEXINGTON CO. Tower	396		C	(4) (8-24) (See Notice to Airmen section)

SOUTH CAROLINA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
(A) Lexington Co. (Columbia)	7 SW; RR SE	233	56h R1 L5	Ltd 100 oct. for Army
Manning (Allendale)	1.5 ENE;hwy N	150	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
MYRTLE BEACH Army Range	379 (DMB)		BMRLZ	
MYRTLE BEACH AAF Tower	272 (126.18)	69°, 4.4	CA	(3); 126.18
(A) Myrtle Beach AAF (A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS.
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
[Owens] (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS (N)	1.5 S	11	60h	INACTIVE.
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SHAW Tower	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter) (A)	7 WNW;RR W	236	45h R1 L5 S6	73, 91, 100 oct. JP-1.
(P) Sumter	1.5 NW;RR S	169	30 S6	80, 91 oct. Data unver.
Trenton	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	
(P) Woodward (Camden)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON,S.C.	110.3	335	150° Mag.	IM-	MM- ·-·- (0.05)	OM- -- (4.2)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

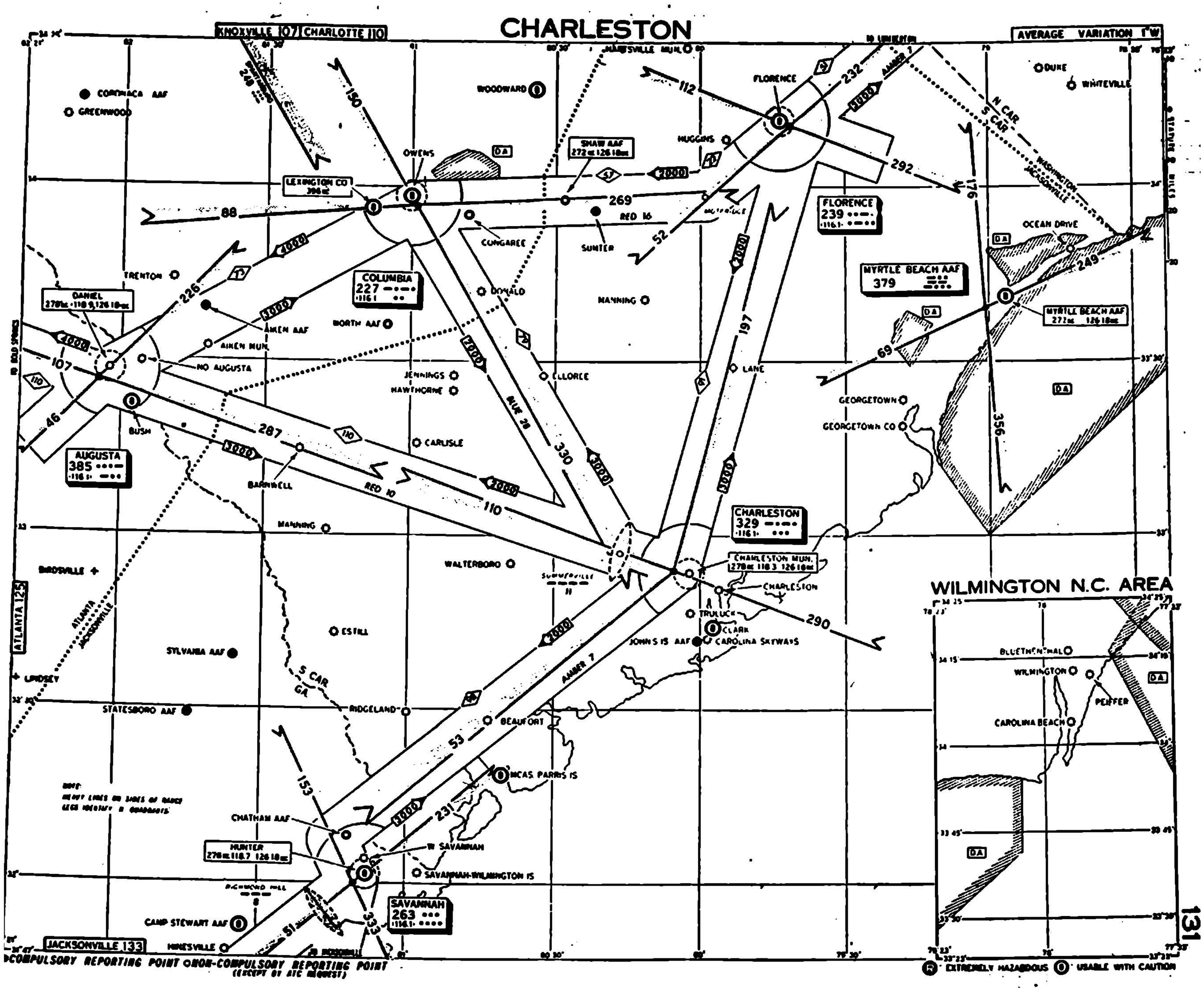
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

†-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

CHARLESTON


KNOXVILLE 107
CHARLOTTE 110
AVERAGE VARIATION 7°W
CORDUCA AAF
GREENWOOD
WOODWARD
HARTSVILLE MUN
FLORENCE
DUKE
WHITEVILLE
HUGGINS
OWENS
SHAW AAF
272 118 126
LEXINGTON CO
CONGAREE
SUMTER
RED 16
FLORENCE
239
OCEAN DRIVE
MYRTLE BEACH AAF
379
MYRTLE BEACH AAF
272 126
TRENTON
DANIEL
COLUMBIA
227
DONALD
MANNING
AIKEN AAF
NORTH AAF
AIKEN MUN
NO AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO
BUSH
AUGUSTA
385
CARLISLE
BARNWELL
RED 10
MANNING
CHARLESTON
329
CHARLESTON MUN
278 118 3 126
CHARLESTON
WALTERBORO
BIRDSVILLE
ATLANTA 125
ATLANTA JACKSONVILLE
TRULUCK
CLARK
CAROLINA SKYWAYS
JOHNS IS AAF
ESTILL
SUMMERVILLE
SYLVANIA AAF
LINDSEY
S CAR GA
STATESBORO AAF
RIDGELAND
BEAUFORT
MCAS PARRIS IS
CHATHAM AAF
HUNTER
278 118.7 126
W SAVANNAH
SAVANNAH-WILMINGTON IS
RICHMOND HILL
SAVANNAH
263
CAMP STEWART AAF
HINESVILLE
JACKSONVILLE 133
AMBER 7
BLUE 28
N CAR
S CAR
WASHINGTON
JACKSONVILLE
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
DA
R EXTREMELY HAZARDOUS O USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY AIC MIDWEST)

JACKSONVILLE

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Barberville	1 SE;bet RR & rd.	25	25	Pole line E. UNUSABLE.
(N) Bostwick OLF (N)	1 NW; RR E	53	34	
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	B-2 lgts. (N)
CECIL NAAS Tower	201 (142.74)		CN	3105;142.74 (Flying hrs.)
(N) Cecil NAAS (Jacksonville) (N)	16 WSW;hwy NW	80	50h R2 L5 S4	87,91 oct. Trees sur fld.
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY Range	269 (FC)(116.1)	315°, 2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (A)	1 SE; RR SW	42	50h R1 L5	CLOSED
DALE MABRY Tower [Dale Mabry] (Tallahassee)	281 (118.3,126.18) 3 W; RR S	85°,2.7 70	C 52h R2 L5 S4	(4); 126.18,118.3,122.5 80, 91 oct.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
→ Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct. Ctc & rnwy lgts on req.
(P) Fernandina	4 S; ocean E	16	50h	
(N) Flemings Island OLF (Jacksonville) (N)	17.5 SSW	23	40h L	B-2 lgts.
Hart (Jacksonville)	6.5 W; RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne	1.2 SSE;RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE
Herlong (Jacksonville)	10.5 WSW	87	40h S4	80, 91 oct. No sto.
JACKSONVILLE Range	344 (JX)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower	278 (126.18,118.5)	269°, 1.7	AC	(4); 122.5, 126.18, 118.5
(A) Jacksonville	6.3 N; RR W	52	70h R2 L6 S4	80, 91 oct.; 100 oct. JP-1, for Army
JACKSONVILLE NAS Range	365 (NIP)		MRLZ	
JACKSONVILLE NAS Tower	323 (126.18,142.74)	89°,3.1	CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane) Tower	2870		CN	2870,3105 (avail. during working hrs. and on 1 hr's advance notice)
(N) Jacksonville NAS (N)	7.2 S; riv E,N	20	60h R2 L5 S6	91, 100 oct. NATS
Jasper, 43, NO-JX	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison(Gainesville)	4.5 NE;RR W	155	50h L5 S2	80, 91 oct. Lgts prior req.
(P) Kay Larkin (Palatka)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h L	
Lake City	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
→LEE OLF G.C.A.			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs) (N)	2.2 SE; riv N	22	51h	
Live Oak	1 W; RR W	105	26 S1	80 oct. Pole line N,NE,SW.
→MAYPORT CGAS				DECOMMISSIONED
(CG) Mayport CGAS (CG)	0.6 NNE;riv N	19	43h	INACTIVE
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
Monticello	1.5 SW;hwy E	160	25	
Perry	2 S; RR,E	45	50h S2	80, 91 oct.
Quincy	1.5 NE;RR S	212	35 S1	80 oct.
St. Augustine	4 NNW;hwy W	10	42h S1	80, 91 oct.
Sawyer (Palatka)	2.6 S; RR SE	60	25	Trees N,E,S.
Stengel (Gainesville)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (N)	1.5 SE	31	40h	
TALLAHASSEE Range	335 (TJ)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
(P) Taylor (Ocala)	1 SW; RR NE	72	40h L3 S6	80,91 oct. Lgts and ngt repairs prior req.
Tennile	2.2 SSW; rd E	35	20	Trees SW.
Tomoka (Daytona Beach)	7.8 NW	29	40h	
(N) Whitehouse OLF (Jacksonville) (N)	13 W; RR S	102	40h L	B-2 lgts
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	80 oct. No sto. P-line E. Data unver.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
ALBANY Range (Turner Aux. Field No. 1)	254 (GY)(116.1)	298°, 2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Airport)
[Albany]	4 SW; RR N	196	49h R1 L5 S6	80, 91 oct.
ALMA Range	242 (AJ)(116.1)	144°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma,Site 43, MM-AG	2.5 W;hwy N	200	43 R1 L3	
→ Asbury (Dawson)	5.7 SE; RR N			ABANDONED
Ashburn	1.5 S;RR,hwy W	430	18 S1	80 oct. Data not ver.
(A) Babcock (Boykin) (A)	3.5 ENE	145	30h	CLOSED
Bainbridge	7 NNW;RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta) (A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
BRUNSWICK H Fac.	230 (BS)(116.1)		MHTV	(4); 116.1
Camilla	0.7 NW		22 S1	80 oct. Data unver.
Civil Air Patrol (Waycross)	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld.
Commodore Decatur (Bainbridge)	2 W; riv W	103	40h S1	80 oct.
Cook County (Adel)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
→ Faceville	3.5 S	285	30h	
Fitzgerald	2 SSW; RR W,E	365	24	
* Folkston Int, 37, MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range	520 (NEA)		MRLWZ	
GLYNCO NAF Tower	317 (142.74)	239°,0.3	CN	3105,4495; 142.74 (8-17)
(N) Glynco NAF (LTA)(N)	6.4 N of Brunswick	25	35h R2 L5 S4	91, 100 oct.Hwy SE
(A) Harris Neck AAF (A)	7 E So. Newport	22	54h	CLOSED
Homerville Flight Strip	2.5 NW;hwy NE	185	40h	
(A) Lake Park #2 (Valdosta)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
(A) Moody (Valdosta) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (A)	7 S; hwy NW	287	40h	CLOSED.
Nashville	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
(A) Rocky Ford #1 (Valdosta)(A)	16 SW;hwy N	220	50h	CLOSED
St. Marys	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Twr	281(140.58,142.74)		CN	(3); 142.74,140.58 (630-24)
(N) St. Simons Island NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct. No sto. Lgts on req. Trees NE, SW
South Georgia College(Douglas)	1.3 S; RR W	225	60	
Spence (Moultrie)	5 SE;hwy W	292	50h S6	80, 91 oct.
(A) Thomasville AAF (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com.	1 SW; RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Tifton Mun.	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
Turner #1 (Albany)	15 NE	285	45	
(A) Vada (A)	3 NE	140	30h	CLOSED.
Valdosta	2.5 S; hwy E	215	56h S1	80 oct.
(A) Waycross AAF (A)	4 NW;hwy E	141	50h	CLOSED.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

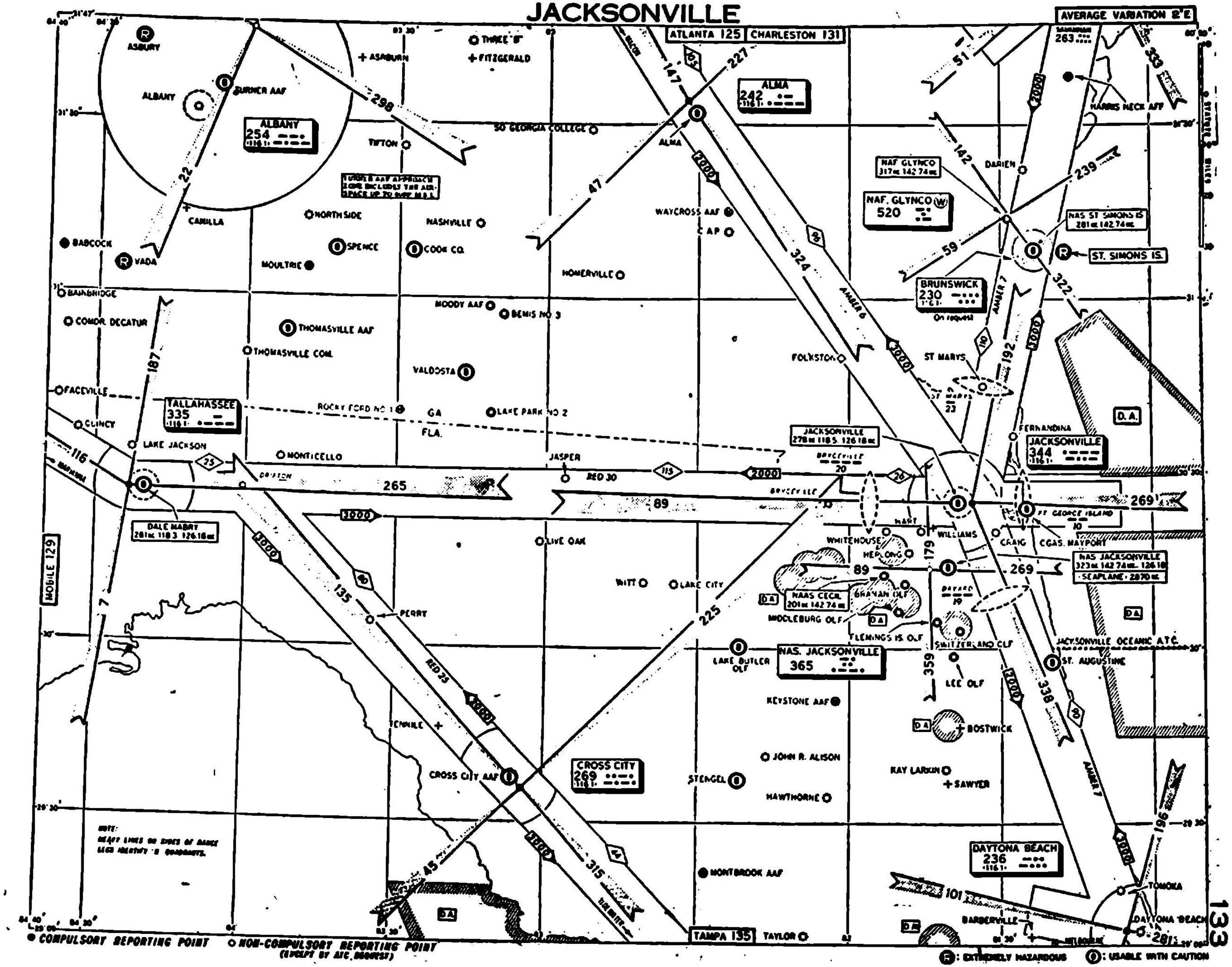
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4405,6210 kcs. (4)-3105,4405,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.,

+-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IX)

◄► NEW OR REVISED DATA. (NOT)-Not started. {Jones} Airline Stop

JACKSONVILLE



TAMPA

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St.Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct. Coast Gd. Stn adj. Poles, stack NW, SW.
Allgona	0.6 NW;RR E	155	25	Trees ends strips
Arcadia	2 SE;hwy W	60	30	Trees around fld.
Avon Park	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range	524 (NPB)		MRLZ	(3)
→ BANANA RIVER NAS Tower	224 (142.74)	106°,4.6	CN	(3); 142.74
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	91 oct.No bcn.Lgts on req.
Barberville	1 SE;bet RR & rd	25	25	Pole line E. UNUSABLE.
Barlow	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (A)	7.5 SW;hwy E	70	70h	CLOSED
→ Bushnell				ABANDONED
Cannon Mills (Orlando)	3.8 E;hwy N	105	41 S6	80 oct. No sto.Poles sur fld.
Carlstrom (Arcadia)	7 SSE;hwy N	56	53	
Cedar Keys (NC)	1 W; bay S	6	24h	
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto. Trees W.
Cocoa	1 N; RR E	20	26 L1	Pole line E; trees S, W.
(A) Conners(Okeechobee)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct.
Deland	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
→ Deland-Orange City (Orange City)	1 SW;riv W			ABANDONED.
Dorr (Arcadia)	11.5 E;hwy N	74	53	
DREW Tower	317(126.18,118.5)		AC	(4); 126.18,118.5,122.5
→ [Drew] (Tampa)	5 W;bay SW	26	70h R1 L5 S6	80,91 oct. Rdo rec. rqrd.
(A) Dunnellon AAF (A)	4.5 E;hwy S	66	50h	CLOSED
Ellenton	1.5 NNW;RR N	18	15	Pole line NE; trees SW.
Fort Pierce, com.	3.3 SSE; RR E	18	26 L1 S6	80 oct. Pole line W.
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	
Frank D. Waterman(Eustis)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW, N, W.
Gilbert (Winter Haven)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct.Orange groves W.
Haines City	1 NW	175	20 L1	
→ (P) Hendricks (Sebring)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa)	7 NNE	67	50h	CLOSED. (A)
Hoequist (Orlando)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto. Trees E.
Kerlin (Minneola)	0.5 NE	100	18 S2	80 oct.
(A) Kissimmee AAF (A)	2 W; RR N	65	50h	CLOSED
(A) Lakeland AAF (A)	4.5 SW;RR NE	142	50h	CLOSED
→ [Lakeland Mun. #1]	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (A)	4 ENE;RR SE	67	50h	
Ludwig Sky Harbor (St. Petersburg)	6 NE; bay E	14	33 L1 S6	80 oct.
MAC DILL Tower	227 (126.18)+		CA	(3); 126.18
(A) MacDill (Tampa) (A)	8 SSW;bay NE	9	100h R1 L5 S6	73-100 oct. JP-1. No sto.
Malabar	7 WNW	27	40h	
→ MELBOURNE Range	257 (OU)(116.1)	158°,2.3	SBRAZ-DTV	(4); 116.1, 122.1
→ Melbourne-Eau Gallie	2.2 NW;RR E	26	43h R1 S4	80 oct.
(A) Montbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
New Smyrna	3 NNW;RR W	12	50h	
ORLANDO Range	206 (OR)(116.1)		BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower	278(126.18, 118.7)+	220°,3.4	C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct; 100 oct. for military. No sto.
Osceola (Sanford)	10 SSE;lake SE	25	40h	
→ Peter O. Knight (Tampa)	3.7 S;bay S,E,W	8	40h R1 L5 S6	80, 91 oct. Shipyard NE.
(A) Pinecastle AAF (A)	3 ESE;lake NW	95	100h	CLOSED
PINELLAS Tower	272 (118.3)		CI	(4); 131.9 (8-24)
[Pinellas Co. Master] (St. Petersburg)	9.5 N;bay N	12	50h R1 L5 S6	80,91 oct. No sto.
Piper-Fuller(St. Petersburg) (NC)	4.8 WNW;RR E	21	32	
Plant City	3 E;hwy N	172	53	
(A) Punta Gorda AAF (A)	5 ESE;hwy SW	22	50h	CLOSED
Robinson (Plant City)	1.5 WSW;RR E	110	18 S1	80,91 oct. Pole line ESE.
Roseland (Sebastian)	1.7 W;riv N,E	23	40h	
Ryan (Apopka)	1 N; lake NW	104	28 S6	80 oct.
Sanford	2.5 SE;lake N,S	57	60h S6	91,80 oct.
[Sarasota-Bradenton] (Sarasota)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Lgts prior req.
Sarasota, com.	2.5 E; RR S	25	28 S1	80 oct.
Sebring	4 SW;lake NE	200	20 S1	80 oct. Pwr line SW.
Showalter Arpk. (Winter Pk.)	2 E; RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct. No sto. Trees S.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct. No sto. Pole line NE.
Spruce Creek (Deland)	16 ENE			ABANDONED
→ TAMPA Range (Peter O. Knight)	388 (TM)(116.1)	55°,2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct. Lgts and agt repairs on prior req.
(P) Titusville-Cocoa(Titusville)	6 S; riv E	35	50h S6	80 oct. No sto.
* Titusville Int,20,MM-AG	1.3 NW;RR E	28	28 L3	
Tomoka (Daytona Beach)	7.8 NW	29	40h	
Valkaria (Melbourne)	8 SSE;RR E	26	40h	
(A) Venice AAF (A)	2 S; RR E	19	50h	P-lines N, E. CLOSED
Venice, mun.	0.5 SE;RR E	20	36 S2	80 oct.
→ VERO BEACH NAS H Fac.	242(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach]	1 NW; RR E	24	65h R1	
Wauchula	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
(P) Witham (Stuart)	1.5 SE;RR SW	17	50h S1	
(P) Zephyrhills	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

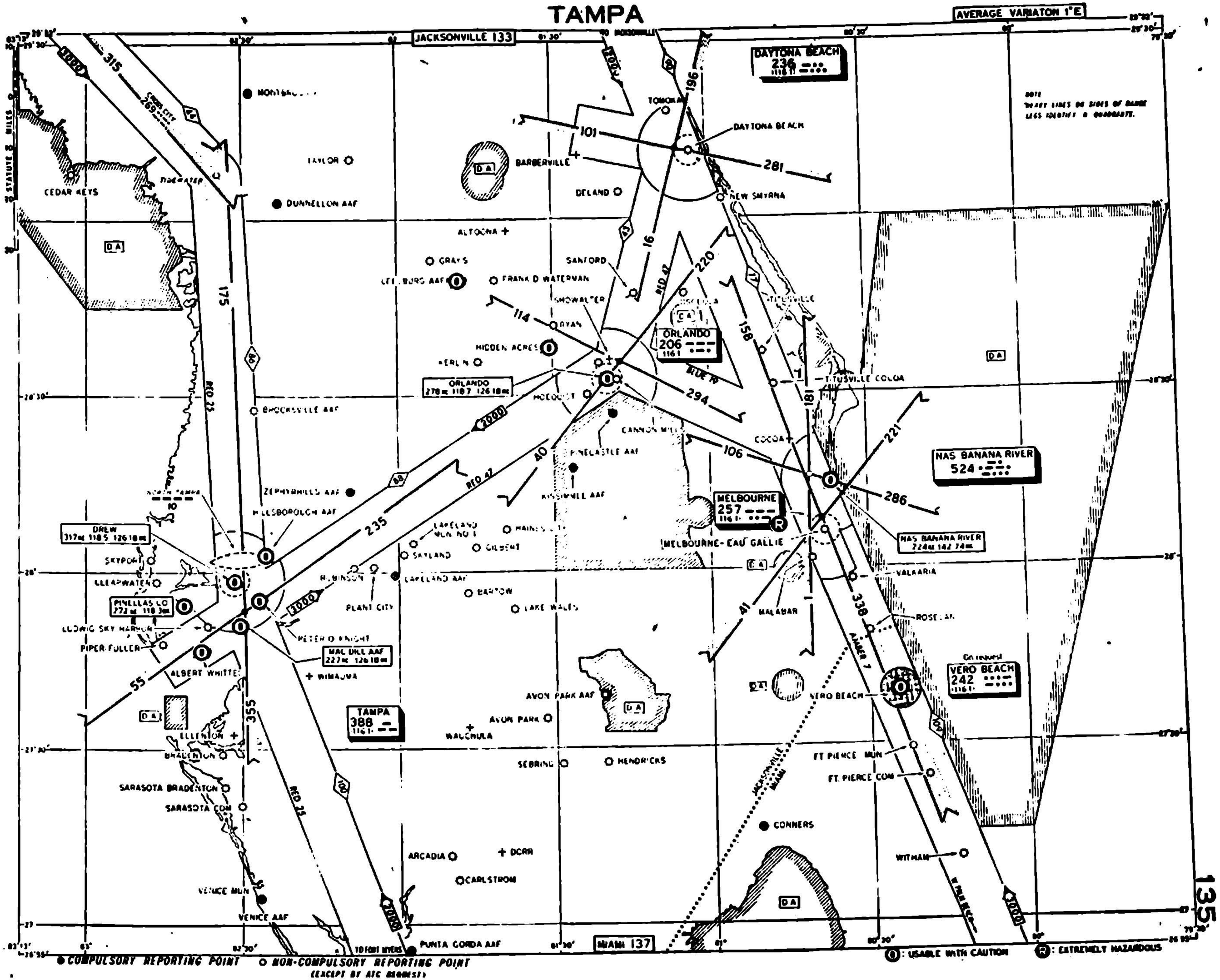
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

††Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

TAMPA


AVERAGE VARIATON 1°E
JACKSONVILLE 133
DAYTONA BEACH 236 116.1
DAYTONA BEACH
TOMOKA
BARBERVILLE
DELAND
NEW SMYRNA
TAYLOR
DUNNELLON AAF
CEDAR KEYS
ALTOONA
GRAYS
LEESBURG AAF
FRANK D WATERMAN
SANFORD
SHOWALTER
RYAN
HIDDEN ACRES
ORLANDO 206 116.1
ORLANDO 278 118.7 126.18
BROOKSVILLE AAF
MCCOY
TITUSVILLE COCOA
CANNON MILL
PINECASTLE AAF
COCOA
NAS BANANA RIVER 524
ZEPHYRHILLS AAF
KISSIMMEE AAF
MELBOURNE 257 116.1
MELBOURNE-EAU GALLIE
NAS BANANA RIVER 224 118.2 114
DREW 317 118.5 126.18
SKYPORT
CLEARWATER
LAKELAND MUN NO 1
GILBERT
SKYLAND
H. BINSON
LAKELAND AAF
BARROW
LAKE WALES
PLANT CITY
PINELLAS CO 272 118.3
LUDWIG SKY HARBOR
PIPER-FULLER
PETER O KNIGHT
MAC DILL AAF 227 126.18
WIMAUMA
ALBERT WHITTED
MALABAR
VALKARIA
ROSE AR
VERO BEACH 242 116.1
VERO BEACH
TAMPA 388 116.1
AVON PARK AAF
AVON PARK
WAUCHULA
ELLENTON
BRADENTON
SEBRING
HENDRICKS
FT PIERCE MUN
FT. PIERCE COM
SARASOTA BRADENTON
SARASOTA COM
CONNERS
ARCADIA
DCRR
CARLSTROM
WITHAM
VENICE MUN
VENICE AAF
PUNTA GORDA AAF
MIAMI 137
NOTE
THESE LINES OR SIGNS OF SAME LEGS IDENTIFY 8 QUADRANTS.
STATUTE MILES
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS

135

MIAMI

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Belvedere (West Palm Beach)	2 SW	17	25 S5	
Belle Glade	1 NNE;lake W	17	27 S6	73 oct. No sto. Lgt acft
BOCA RATON AAF Tower	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF(A)	2 NNW;canal E	13	64h R1 L5 S6	73,91,100 oct. Twr SE.
Brown (Miami)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E
(A) Buckingham (Fort Myers) (A)	10 E;riv SW	25	54h	CLOSED
Chapman (Miami)	11.5 SSW,RR W	3	40 S6	80,91 oct. No sto. Pwr line W.
Clewiston	1.6 SW;RR N	19	30 S6	80 oct. Pole line N,E,S, W.
(N) Forman OLF (Fort Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE.
Fort Lauderdale	5.3 NNW	14	40h	Trees sur fld.
(N) Fort Lauderdale NAS (N)	3.5 SSW; RR W	10	50h S1	100 oct. Fld avail. weekdays prior req.
FORT MYERS Range (Page)	341 (FM) (116.1)	38°, 3.6°	SBRAZ-DTV	(4); 116.1
Homestead, mun.	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Arfld (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM	5.25 SE;RR SW	23	38 L2	
KEY WEST Range	332 (KW) (116.1)		SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower	396 (142.74)	70°, 5.8	CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (NC)	272 (142.74)		CN	3105; 142.74 (prior req.)
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91,100 oct. No sto.
Lake Worth	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW; RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami)	8 NNW;RR W	9	74h R1 L5	Pwr line SE. (N)
[Meacham] (Key West)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range	365 (MM) (116.1)		SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower	278 (126.18, 118.5)	270°, 2.3	AC	(4); 131.9, 126.18, 118.5
(A) [Miami International - AAF)]	5.5 NW;RR S	9	74h R2 L5 S6	91,100 oct. JP-1. FEE. 2-way rdo required. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW;RR E	91	36h	
MORRISON Tower	278 (126.18, 118.9)+		C	(4); 118.9, 126.18, 122.5
(A) Morrison (West Palm Beach) (A)	2 W;canal S	15	70h R2 L5 S5	73-100 oct. FOREIGN CLEARING STATION.

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Naples	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N) (Pompano)	1.5 NE;RR W	21	40h	
[Page] (Ft. Myers)	4 S; RR SE	18	51h R1 L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req after 2300.
Punta Gorda, mun.	3 SSE;hwy E	4	24	
(N) Richmond NAS(LTA)	15 SW Miami	13	20h	INACTIVE (N)
(P) Riddle (Clewiston)	7.6 W;hwy N			ABANDONED
South Dade County (Homestead)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami)	12 W		35h S4	80,91 oct. No sto. Data unver.
WEST PALM BEACH Range (Morrison)	209 (DWZ) (116.1)	89°, 2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

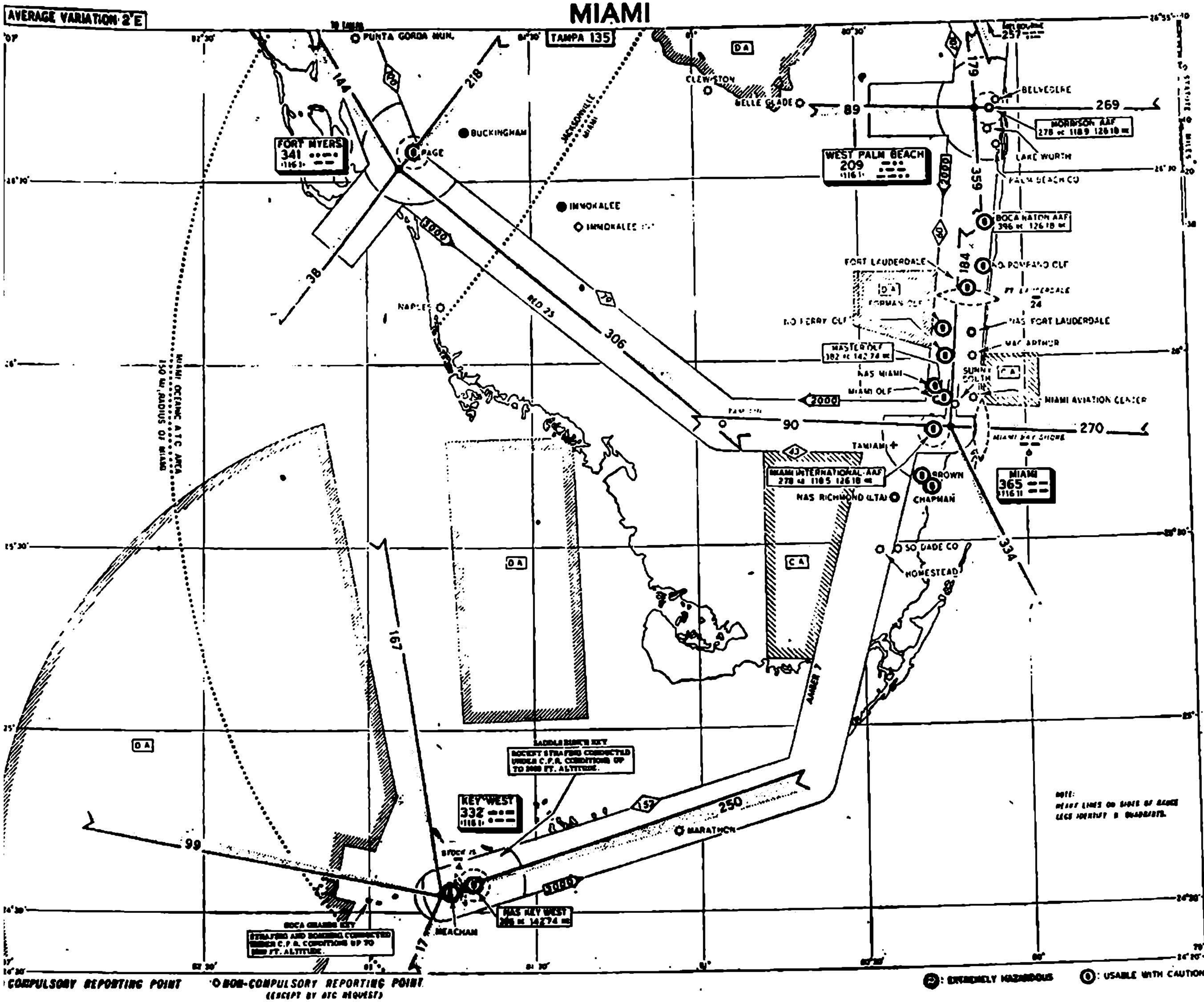
NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4405,6210 kcs. (4)-3105,4405,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. *Guarded only when associated tower inoperative A-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page [illegible])

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

MIAMI


AVERAGE VARIATION 2°E
TAMPA 135
PUNTA GORDA MUN.
FORT MYERS
341
BUCKINGHAM
PAGE
IMMOKALEE
NAPLES
CLEWISTON
BELLE GLADE
WEST PALM BEACH
209
BELVEDERE
NORRISON AAF
LAKE WORTH
PALM BEACH CO
BOCA RATON AAF
FORT LAUDERDALE
NO POMPANO OLF
NAS FORT LAUDERDALE
MacARTHUR
MASTER OLF
NAS MIAMI
MIAMI OLF
MIAMI AVIATION CENTER
TAMIAMI
MIAMI INTERNATIONAL AAF
NAS RICHMOND (LTA)
BROWN
CHAPMAN
MIAMI
365
SO DADE CO
HOMESTEAD
MIAMI OCEANIC A.T.C. AREA
150 NM RADIUS OF MIAMI
MID 23
306
144
218
38
179
257
269
359
184
24
90
270
334
191
17
AMBER 7
KEY WEST
332
SADDLE BUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 9000 FT. ALTITUDE.
99
57
250
MARATHON
STOCK I.
BEACHAM
NAS KEY WEST
BOCA CHANNEL KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 9000 FT. ALTITUDE.
137
NOTE:
HEAVY LINES ON EDGE OF AREAS LEGS IDENTIFY 8 QUADRANTS.
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK; 277°, 10.6	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL ARPT. (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3); 116.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(116.1)	SBRAZ-DTXV	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS);244°,3.8	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219 (126.18)	CI	(4); 126.18, 116.1, 122.5
SANTA ANA (Navy)	472(NTK)(116.1)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req
SANTA MONICA AIRPORT	355(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

COLORADO

AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7
DENVER (Stapleton Airfld)	109.1(DV)(111.1)	VAR-DTXV;211°, 9.7	(3);131.7,116.1
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4);122.5,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES, CALIF.	109.9 (W)	333.8	247° Mag.	IM- (0.05)	MM-	OM- (2.45)
					MMK-	OMK-
DENVER, COLO. (Stapleton)	110.3	335	206° Mag.	IM-	MM- (0.64)	OM- (4.2)
					MMK- 335 (0.64)	OMK- 359 (4.2)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.86, 148.56 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	65	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	6 SE,RR,hwy W	380	72h R1 L5 S4	80,100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54		
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(P) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91,100 oct. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	80,100 oct. JP-1. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (Mines Field)(N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	58	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct. No sto. Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT. NO FACS.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
* Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW, NE, SW.

COLORADO

(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(A,N) BUCKLEY NAS (Denver(A,N	12.5 ESE	5582	80h	TMP INACT.
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct. Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1.
Ruston (Denver)	10 NNW;hwy W	5550	31 S1	80,91 oct. P-line NE,SW,E,W, blocked
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct. Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.

NEW AIRPORTS

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA.

DENVER AREA (SEE CHART 271)

DENVER 379 (111.4 116.1)

DENVER (VHF) W-109.1 (111.1)

BUSTON-5550 (31 S)

BUTLEDGE-5107 (43 S)

HAYDEN-5238 (35 L S)

COMBS-5276 (29 S)

CREIGHTON

CIVIL AIR PATROL-5126 (29 S)

STAPLETON 5320 (70H L S-278 (118.7, 126.18))

LOWRY AAF-5412 (83 H L S-396 (126.18))

ENGLEWOOD-5520 (45 S)

SKY RANCH-5278 (55 S-296)

EAST COLFAX (30H)

BUCKLEY AAF-5582 (80H)

AURORA

SCALE OF MILES

TO WHEELER RIDGE

TO PETERSON AAF

CASTIAC (40)

NEWHALL-1190 (40 L S)

NEWHALL 209 (113.6)

CHATSWORTH (11)

SAN FERNANDO (25 S)

LOCKHEED AIR TERM-763 (60H L S-278 (118.3 126.18))

GLENDALE 371

CHATSWORTH 341

VAN NUYS (62 H-219 (126.18))

CONEJO VALLEY

BURBANK 248 (116.1)

GRAND CENTRAL-490 (50H L S-201)

SANTA MONICA-CLOVER-175 (50H-393 (126.18))

LOS ANGELES 260 (116.1)

LOS ANGELES (VHF) W-109.1

COMPTON CENTRAL (33 H S)

MONTEBELLO

379

DELPERT

BELLFLOWER

LOS ANGELES-101 (51H L S-272 (118.9, 126.18))

TORRANCE

HAWTHORNE-68 (50H-396 (126.18))

NAS TERMINAL IS-14 (69H L S-338 (142.74))

LONG BEACH-56 (69H L S-347 (118.5 126.18))

LONG BEACH 233 (116.1)

NAS. LOS ALAMITOS-27 (60H L S-317 (142.74))

NAS SANTA ANA (LTA)-58 (30 H L S-8970 (142.74))

NAS. SANTA ANA 472

MCAS EL TORO-380 (72H L S-3295 (142.74))

HUNTINGTON BEACH

NEWPORT, BAYSKY

ORANGE CO (51 H S)

ONTARIO (62 H L S-219 (126.18, 116.1))

SCALE OF MILES

TO OCEANSIDE

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 8° BOUNDARIES.

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 3500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SYM

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ILLINOIS			
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV	(3); 116.1
Chicago Airport	278 (126.18 118.7,118.1)	AC (ILS);152°,2.2	(4);126.18,118.7,118.1,122.5
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
FRANKLIN PARK	219 (L)	FMK; 332°, 9.5	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Int.)	359 (ML)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS);100°,0.7	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. - - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
→ LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
Langley Field	278(126.18, 116.1)+	CA; 102°, 3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC; 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO, ILL.	109.9 (W)		132° Mag.	IM- ····· (0.04)	MM-	OM- -- (1.89)
					MMK- 201 ··· (0.71)	OMK-
→ CLEVELAND, OHIO	109.9 (W)		54° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.75)
					MMK-	OMK-

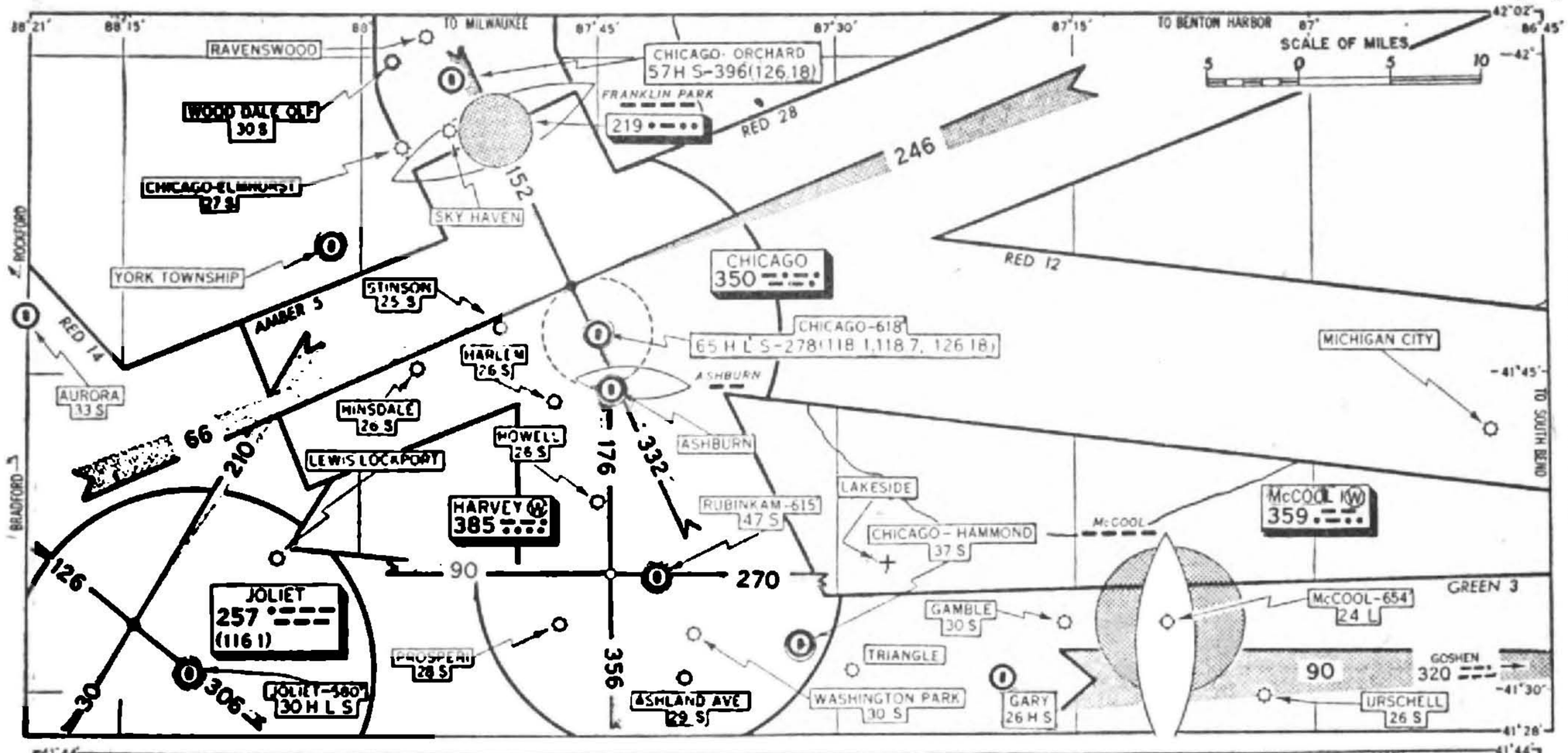
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

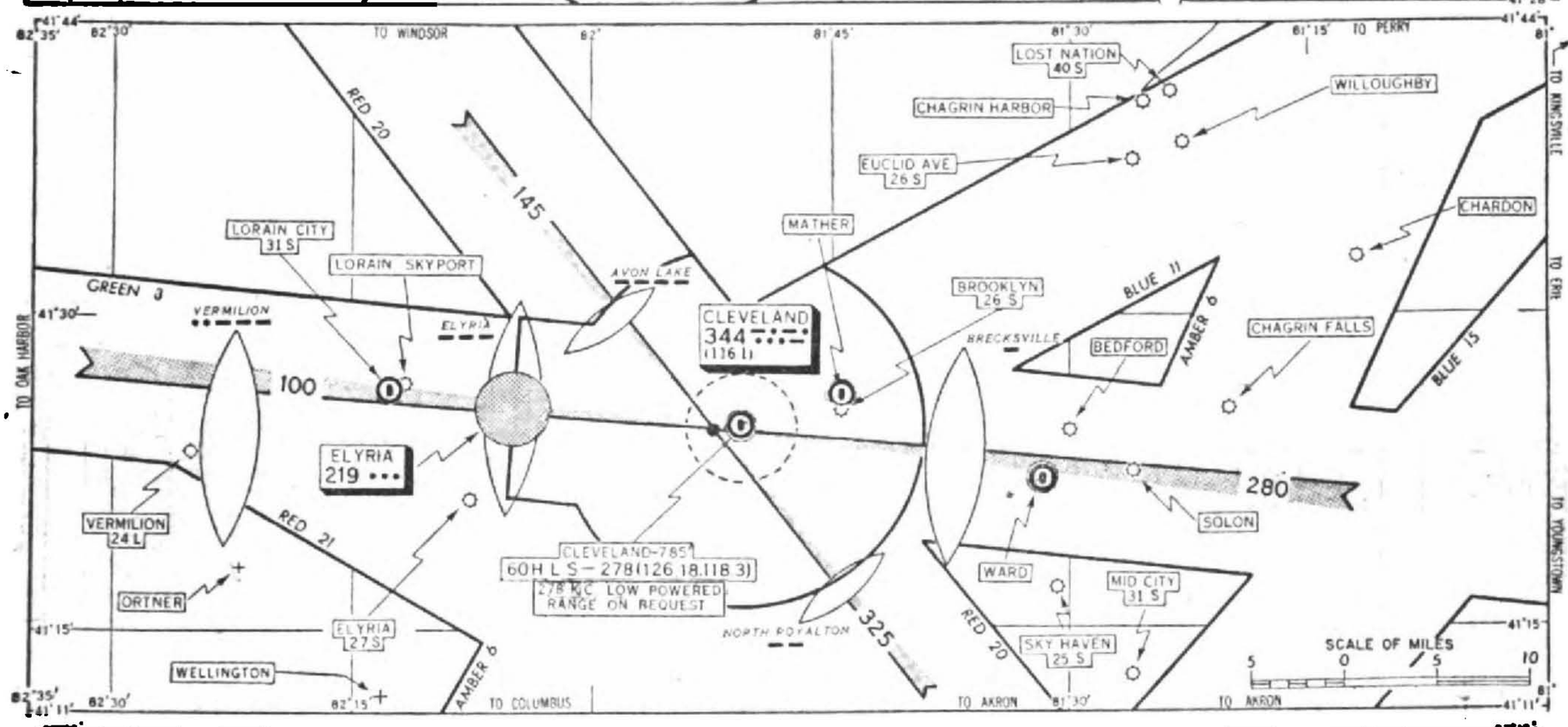
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct. Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE; stack SE.
→ CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1.
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;hwy E	650	18 S6	80 oct. No sto.
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part only.
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven (Bensenville)	1.5 SE;bet RR,rd	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE;hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW;hwy N	726	20 S6	80 oct. Use strips. Pole line N,E
INDIANA				
Gamble (Hobart)	1.8 NNW;hwy S	650	30 S4	73, 80 oct. Obst sur fld.
Gary	6 S;hwy W	610	26h S6	80,91 oct. Trees N,E,S.
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
★ McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E; RR N	650	24 S1	80,91 oct. Pole line E,S,W.
Triangle (Dyer)	1.5 NE;RR E	630	33 S2	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct. Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW;riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT. OF ENTRY.
Elyria	1.6 SSW;RR NW	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
Lorain City (Lorain)	2.1 SW;RR N	610	31 S4	80 oct. Pole line NE,SE. No sto.
Lorain Skyport (Lorain)	2.8 SW;hwy W	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N;lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
Mather (Cleveland)	5 SW;RR S	760	19 S2	80 oct.
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
★ Vermilion Int, 28, CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Virginia Beach	4.5 W;RR,hwy N	15	42 S4	80,91 oct. Pole line N.Data unver.
Waverly	2.5 NW;RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

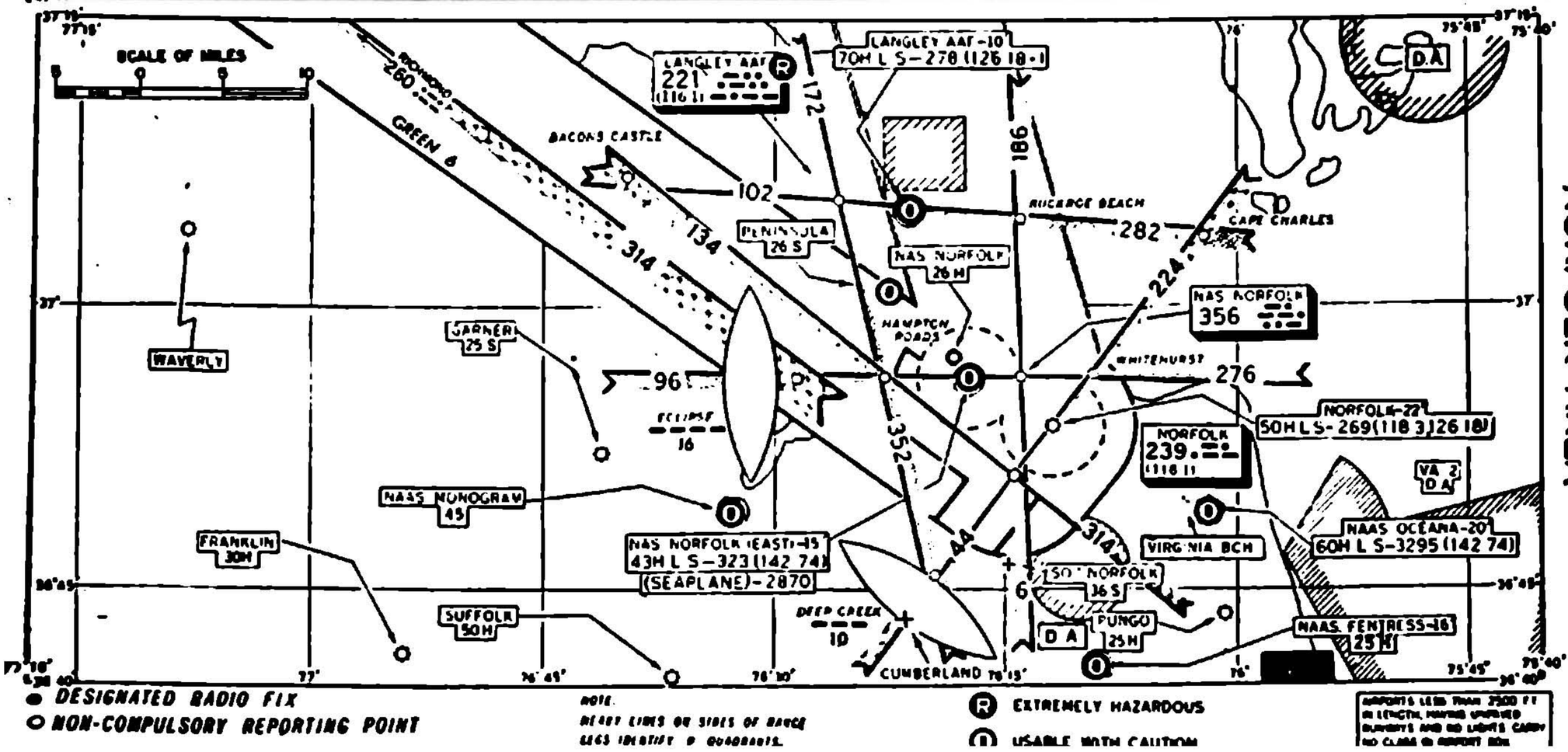
CHICAGO AREA (SEE CHART 361)



CLEVELAND AREA (SEE CHART 361)



NORFOLK AREA (SEE CHART 1111)



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 2 QUADRANTS.

(R) EXTREMELY HAZARDOUS
(D) USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT IN LENGTH, PAVED UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLAIMS ON AIRPORT SIZE

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
ILLINOIS			
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49°, 2.2	(4)
MISSOURI			
LAMBERT-ST. LOUIS ARPT: (St. Louis)	278 (126.18, 142.74)	AC (ILS);256°,2.2	(4);122.5,126.18,142.74
ST. LOUIS (Lambert -St. Louis Arpt.)	209 (LS)(116.1)	SBRAZ-DTXV	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK;69°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.
OREGON			
PORTLAND	332 (PD)(116.9	SBRAZ-VDT	(3);116.1,122.1
Portland AAB	278 (126.18, 118.3) +	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland
TEXAS			
ALAMO (San Antonio (San Antonio Arpt)	344(JR)(116.1)	MLZ-VDT; 174°,2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA;322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,122.5,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
STINSON San Antonio	209	CI	3105.6210 (10-18)
WASHINGTON			
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1, 122.5
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS);26°,1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260(SA)(116.1)	SBRAZ-VDTX,	(3); 116.1
SEATTLE NAS(Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(- - - - -)	FM, 331°, 23	Portland, Ore.
NEW RADIO FACILITIES			
LA CENTER Oreg FM	(- - - -)	FM; 331°, 12	Portland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD, Tacoma, Wa	109.9 (W)	333.8	337° Mag.	IM- (0.26)	MM- ·-·-·-·-(0.95)	OM- - - (4.44)
					MMK-	OMK-
ST. LOUIS, MO (Lambert)	110.3 (W)		238° Mag.	IM- ·-·-·-·-(0.06)	MM- ·	OM- - - (4.50)
					MMK-201···(0.60)	OMK-
SAN ANTONIO, TEX. (Alamo	109.9 ·---· ----	333.8	30° Mag.	IM-	MM- ·-·-·-(0.58)	OM- - - (4.4)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted) → NEW OR REVISED DATA

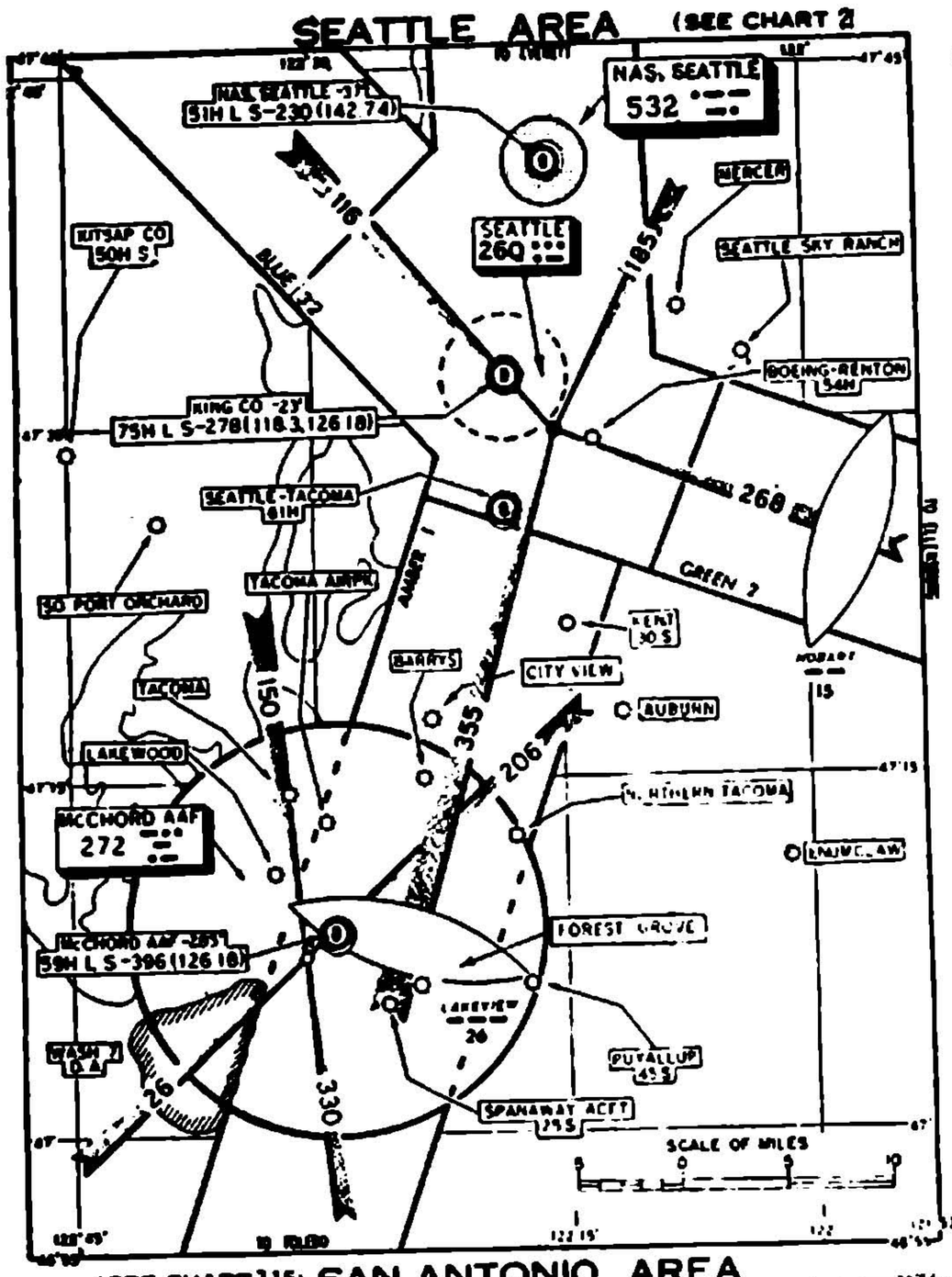
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St.Louis)	7 NNE,lake W	420	32 S6	73 oct.
Parks(E.St.Louis)	4.2 SW,RR SE	410	26 L1	25-75' obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	17h S6	80,91 oct.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.
MISSOURI				
Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St.Louis	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct.Port rnwy lgts.
(N)LAMBERT-ST.LOUIS (St. Louis) NAS -	10.8 NW,hwy N,W,	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct.Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW,riv N	438	20h	(St.Louis) CLOSED
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct.Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct.Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct.Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct.Pole line NE,N.
OREGON				
(P)Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.6 WNW,RR E	200	29 S1	75 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R2 L6 S6	100 oct:Ltd 73 oct.JP-1 No sto. Pole W,lgtd.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct. NATS(ferry
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.
TEXAS				
Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct.Poles,trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurt (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct.JP-L FOREIGN CLEAR STN
Kuehler (New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct.Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct.No sto.P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct.No sto. (A)
SAN ANTONIO MUN.-ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	73,80 oct.
Stinson(San Antonio)	6.2 SSE,RR E	567	49h R1	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	
WASHINGTON				
Auburn	1.8 ESE,hwy S	276	20 S6	80 oct. Trees.

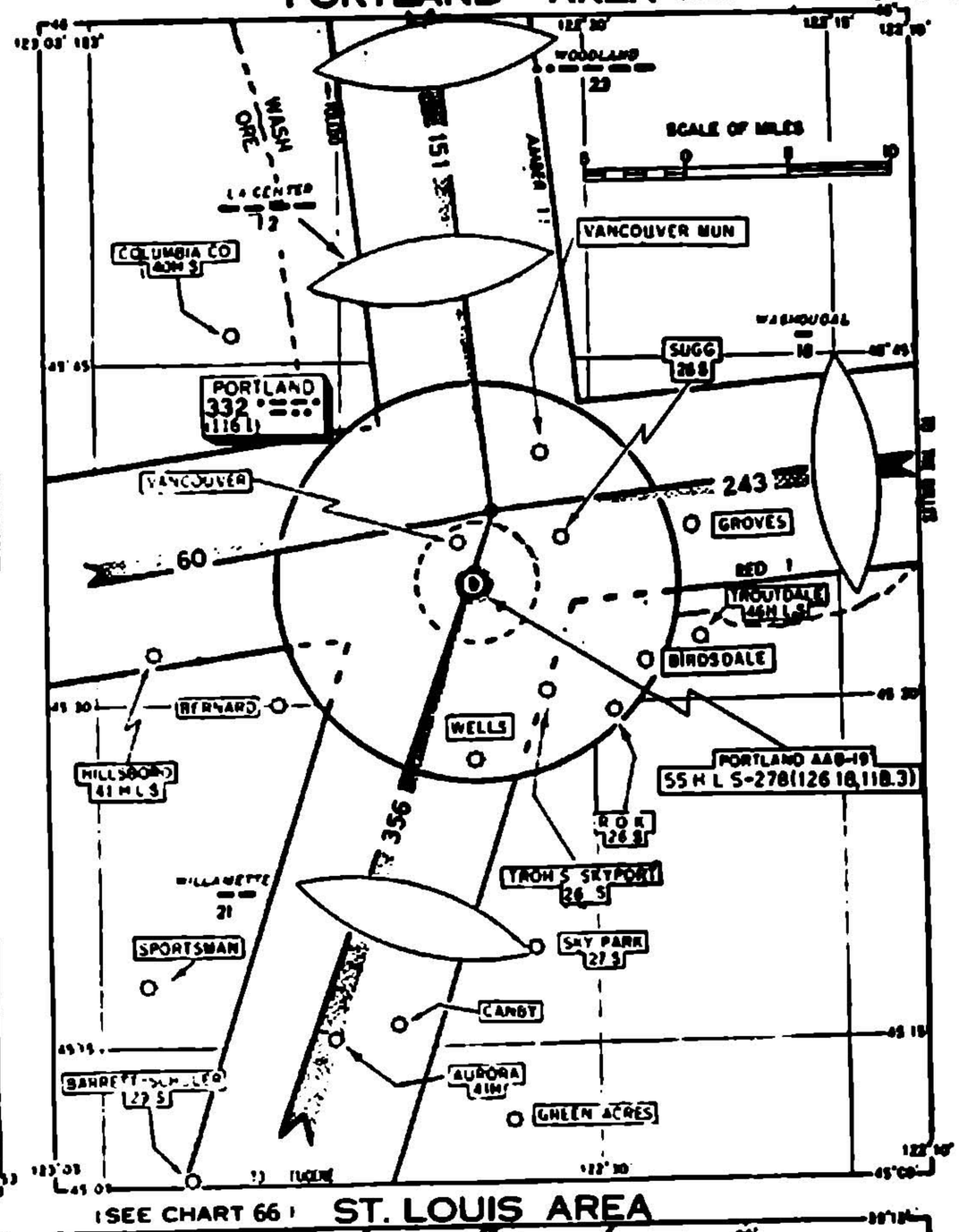
WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	6 S,riv SW	23	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto.Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Bellevue)	4.1 ESE,lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1/L6)S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S1	80 oct.Pole line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.
NEW AIRPORTS				
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E.S.
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.

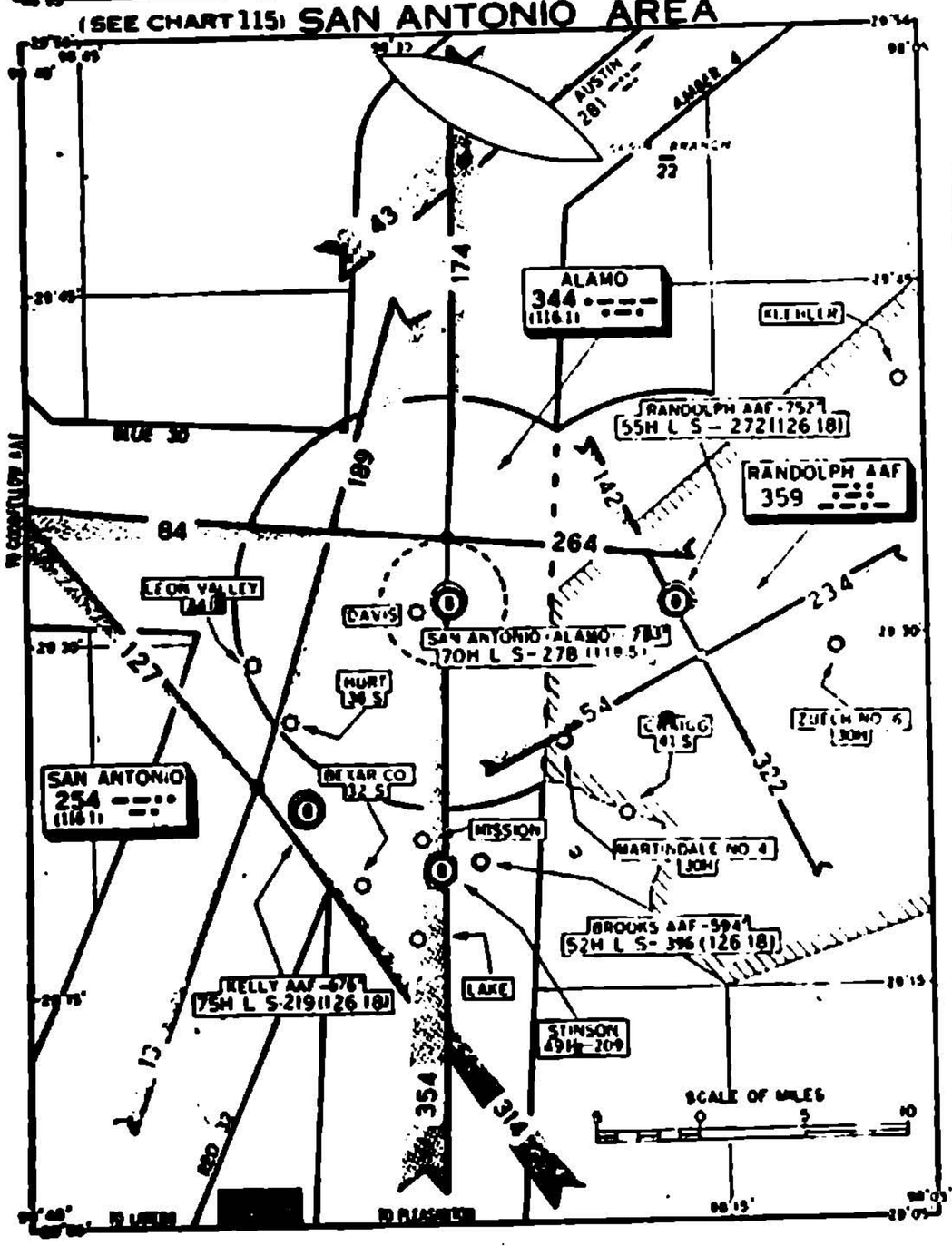
SEATTLE AREA (SEE CHART 2)



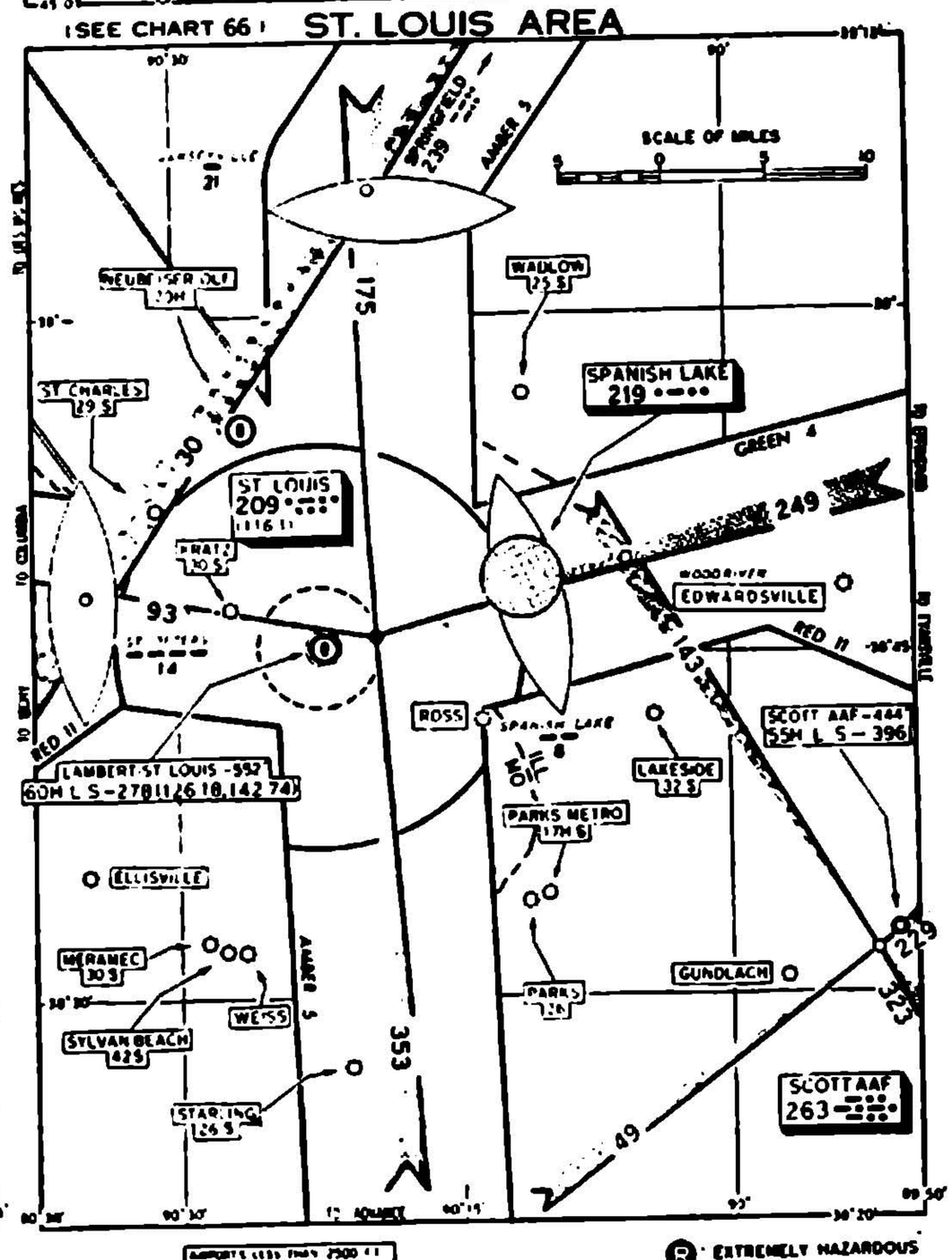
PORTLAND AREA (SEE CHART 2)



SAN ANTONIO AREA (SEE CHART 115)



ST. LOUIS AREA (SEE CHART 66)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE.
HEAVY LINES ON EDGE OF CHARTS
SHOW LOCATION OF BOUNDARIES.

AIRPORTS LESS THAN 2500 FT IN LENGTH HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS III AIRPORT SYM.

R : EXTREMELY HAZARDOUS

(R) : USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 144		FLORIDA		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami,Dinner Key CGAS(CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct. Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl	INACTIVE
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S4	80,91 oct. Ramps. All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
Shreveport, Cross Lake	5 NW	170	100 S4	80 oct.dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		MAINE		
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE	200	50 S1	73 oct. Ramp; dock.
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
Baltimore,Middle River	10 E	S.L.	Unl	
Baltimore	6 SE;bay E		100 L1 S1	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	9	40 S6	80 oct.Boat;ramp;tractor.

R-radio facilities. L-lighting facilities. S-servicing. (See page 14) → NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or lodged.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N) New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N,bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S.W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct,No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N) Quonset Pt.NAS(Providence)(N)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs.
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAF (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N) Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3.7 SSE;RR W	220	32 S4	80 oct. Trees sur lake.
(N) Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp; all fac prior req.
Orlando,Davis-Big Lake Airview (Fla.)	2.5 NW	90	80 S1	80 oct.Ramp, dock
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach Data unver.
Fort Worth (Tex.)	9 WNW		100 S4	80 Oct. Docks, floatsE shore Lake Worth

CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

R-radio facilities. L-lighting facilities. S-servicing. (See page 11) → NEW OR REVISED DATA **N.B.** Seaplane bases and anchorages are not charted or indexed.

NOTICES TO AIRMEN

INTRODUCTION

PROCEDURAL STATEMENT: The "Airman's Guide" no longer has a separate section for the DIRECTORY OF AIRPORT or the AIR NAVIGATION RADIO AIDS. These two sections are now inserted as data pages between the flight planning charts. To retain the two-page chart flow, however, the data pages are found on the reverse sides of the charts rather than facing them. On the data pages are tabulated all the data covering the facilities charts on the reverse sides and formerly found in the DIRECTORY OF AIRPORTS and AIR NAVIGATION RADIO AIDS sections.

To facilitate reference to a particular facility, an Index of Facility Locations with the parenthetical number of the page on which the locale is charted has been added to the revised AIRMAN'S GUIDE, e.g., Chicago (139) On the back of page 139 will be found the Air Navigation Radio Aids and the Directory of Airports data covering Chicago

Because of the serious paper shortage every means of reducing the Airman's Guide bulk has been investigated. Codification and considerable abbreviation are already being utilized. No material may be deleted, however, in this paper conservation program because surveys have revealed that subscribers consider all parts of the Guide essential Consequently, about the ultimate step in this bulk-reduction direction has just been taken. The data pages backing the charts now serve, where possible, as notam pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with Ⓡ (for red flag) symbols on the charts, are now cited in the Notices to Airmen section

Notamizing on the charts is effected by use of the super-imposed Ⓡ and Ⓞ symbols The Ⓡ (for red flag) indicates a very hazardous condition or a major change The Ⓞ symbol (for orange flag) indicates a minor change or hazardous condition with the facility still usable with caution. The pertinent details to which these symbols refer will be found listed in the Notices to Airmen section under the facility name (and state) by which they are charted.

Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication All changes from the previous issue, whether cited in the Notices to Airmen section, or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted This is a tinted horizontal line following the last tabulated facility and titled either New Radio Facilities or New Airports.

Space below the tinted horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data, but new airports and radio aids are listed, necessarily out of alphabetical alignment, below the tinted horizontal lines until the page is re-typed.

In summation: (a) On the data pages backing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen, citations covering new or revised radio data are prefixed by one large star " ★ ". Citations covering new or revised airport, or miscellaneous data, are prefixed by two asterisks "**".

All temporary conditions (field soft, runway under construction, range course out of alignment, etc.) are cited in full until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported.

To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

SPECIAL NOTICES

CIVIL FACILITY DATA: Please advise immediately the Office of Aviation Information, Attention A-250, C.A.A., Department of Commerce, Washington 25, D.C., whenever temporary conditions covering civil airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civil fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any Army airfields to transient military aircraft for a period in excess of 10 days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D.C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "The use by Army aircraft of civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Federal Government, is not authorized except in case of emergency or in case of official business Each instance of flights in AAF aircraft for official business will be covered by competent air force, major AAF command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks Section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks Section of the flight plan as "authorized flight"

All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major AAF commands and certain field attivities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) "Official Business", within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions

✓ Indicates new or revised Special Notice

in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy on Army Use of Temporarily Inactive Army Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein by the following notice: "Army temp inactive - civil facs". (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the commanding officer of the organization to which the aircraft is assigned. Such airfields will be identified herein by the following notice: "Temp inactive-no facs." Above policy statement is not to be construed as countermanding any AAF regulations or letters governing command use of municipal airports or Army airfields.

(4) "CLOSED" Army Airfields. Certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed from time to time as "CLOSED" under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF. Such airfields will be used on official business only under written orders in each case.

CHANGES IN LISTING PROCEDURE FOR ARMY AIR FORCE AIRFIELDS: In an effort to simplify the use of the Airman's Guide within the printing limitations imposed by the Government Printing Office, notices on Army airfields that are closed or temporarily inactive or surplus to Army Air Forces will be carried in the Directory of Airports section thereby eliminating the necessity for checking in more than one section to obtain the correct status of an airport. Minor restrictions such as hours of operation, service, and hazards will continue to be listed in the Notices to Airmen Section. The following procedure is now in effect:

(a) The term "CLOSED" will be shown in Directory Section only, for all AAF airfields that are closed to all transient traffic except on official business or in emergency. The legend page of the Directory will give such a definition for "CLOSED". Airports that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the W.A.A. will also be listed as "CLOSED".

(b) AAF airfields that now carry notices of "Army temp inactive-civil facs" or "Temp inactive. No facs (See Special Notice re use)" will now have such citations carried in the Directory Section only.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-5D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with T.O. 01-230 HB-13 and -14.

*R-5D helicopters No. 43-46643 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4 Army aircraft with destinations listed as follows or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. ALASKA - McChord Field, Wash.; or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N. Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN - Morrison Field, Fla. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change. Reference: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. In addition to the Flight Service clearance, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communication stations as heretofore required, and will then make position reports to AACS Airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS)	*AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS	
C	137.88 mc.	AACS AIRWAYS (PLAN 62)	*Control Towers
D	140.58 mc.	MILITARY EMERGENCY AND GCA FINAL APPROACH CONTROL	

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.
(10) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93887 " 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla	Tampa H-4871
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala	Montgomery 89
Detroit Cincinnati St. Louis Chicago	Wright Flight Service Center Dayton, Ohio	Osborn 88691,88692
Fort Worth San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft Worth 77251
Cleveland Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo	Denver LD 116 Denver LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif	Riverside 7107,7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif	San Rafael 770
Great Falls Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

RESTRICTION ON FLIGHT OF AAF AIRCRAFT IN NEW YORK CITY AREA: No AAF aircraft except those on scheduled transport operations will be cleared to New York City Area unless point of first intended landing is Mitchel Field, Hempstead, L.I., N.Y. When instrument conditions prevail in New York City Area, no Army aircraft except those on scheduled transport operations will land at or take off from other than Mitchel Field. When contact conditions prevail in New York City Area, aircraft which have been cleared for Mitchel Field but which desire to land at other authorized fields in New York City Area will, when approaching New York City Area, obtain clearance from Olmsted Flight Service Center through normal communication means. For purposes of these instructions, New York City Area is defined as a circle 50 miles in diameter centered on southern tip of Manhattan Island. Contact weather New York Area will be considered to be 2000' ceiling, 3 miles visibility, both day and night. When cloud conditions exist below 2000', flight conditions will be considered IFR.

✓ OPERATION OF ARMY HF/DF STATIONS: HF direction finding net listed on page 91, AAF Radio Facility Charts, dated Jan. 7, 1947, is unreliable, and bearings and fixes given should be used with caution. This condition will exist for an indefinite period due to malfunctioning of equipment.

✓ VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:			Following are Navy assignments:		
CHANNEL		ARMY FREQUENCY	CHANNEL		NAVY FREQUENCY
A	--	116.1	A	--	116.1
B	--	126.18	B	--	126.18
C	--	137.88	C	--	140.58
D	--	140.58	D	--	142.74
G	--	137.70	1	--	124.38
H	--	134.10	2	--	128.70
U	--	108.3	3	--	142.02
V	--	108.7	4	--	142.56
W	--	109.1	5	--	144.36
			6	--	146.16

✓ NAVY GROUND CONTROL APPROACH (GCA): Allocations of frequencies, both HF and VHF, for Navy GCA use have been coordinated with the AAF. Universal frequencies allocated primarily for GCA operational use are as follows: HF Communications - 3475,4890,6640 kcs.; Universal frequencies allocated primarily for Navy GCA operational use are as follows: VHF Communications - 134.64, 142.02, 143.64 mcs. As a safety precaution, Navy GCA Units will also be prepared to control aircraft on 140.58 mcs, the Navy emergency frequency. Navy GCA is available and particularly anxious to aid any plane in emergency. It is prepared to transmit on HF from 2000 to 18,100 kcs and to receive on 1500 to 9050 kcs. for emergency. To provide a means whereby Navy aircraft may receive assistance from Army GCA Units and vice-versa, the following agreement will govern: (a) Army GCA Units will at all times be prepared to control Navy Aircraft on 140.58 mcs. (b) Navy GCA Units will be prepared to control AAF aircraft on 140.58 mcs. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instructions. The pilot will then be instructed as to the proper frequency for contacting the GCA Unit. Navy GCA Operational Units are located as follows: Whidbey Island NAS, Wash.; Charlestown NAAS, R.I.; Oakland NAS, Calif.; Miramar MCAS, Calif.; Seattle NAS, Wash.; Olathe NAS, Kans.; Norfolk NAS (East), Va.; Patuxent River NAS, Md.; Moffett Field NAS, Calif.; Floyd Bennett NAS, N. Y.; Corpus Christi NAS, Tex.; Saufley Field NAAS, Fla.; Lee Field, Green Cove Springs, Fla.

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS FOR CFR FLIGHTS, CANADIAN INSTRUMENT FLIGHT RULE FLIGHT, FLIGHT INTO PANAMA CANAL ZONE, CARIBBEAN AREA - RADIOBEACONS FOR USE WITH

ADF: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

FLIGHT INFORMATION MANUAL CORRECTIONS AND ADDITIONS: Standard Broadcast Stations, Chapter V: (a) Correct station KTRB, Modesto, Calif., page 32, by changing height of tower to 298'; (b) Correct station KOB, Albuquerque, N. Mex., page 38, by changing frequency to 770 kcs. and by deleting reference to station under 1030 kcs. on page 27, and by adding station under 770 kcs. on page 26. Airports of Entry, Chapter X: Correct Airports of Entry listing by adding Akron, Arpt, Ohio; Baudette Arpt, Minn.; and Chalks Seaplane Base, Miami, Fla.; and by revising the listing to read as follows: Presque Isle AAF, Me.; Pembina Int. Field, N. D.; Eagle Pass Mun. Arpt, Tex.; and Dinner Key Coast Guard Air Station, Fla.; and Toronto, Ont. (Island or Malton). Instrument Approach Procedures, Chapter XI: (a) Albany, N. Y., Albany Airport-add to initial approach column: N-1200' (Saratoga Springs FM, final); S-2900' (Medway FM); W-2500' (Auriesville FM). (b) Atlanta, Ga., Airport-Procedure No. 2-change alt. over range to: 1800' over East Point LFM, and change bear. and dist. to 151°, 3.5 mi. from East Point LFM. (c) Bangor, Me., Dow Field-change alt over range to 1000'. (d) Birmingham, Ala., Airport-change name of FM on the N leg to Bradford. (e) Casper, Wyo., Wardwell Field-(1) Add to initial approach column: E-6000' (Parkerton FM, final); S-10,000' E leg Sinclair), and to remarks column add 8000' terrain both sides of S leg within 8 mi.; (2) Correct alt. over range to 6000', and bear. and dist. to 256°, 2.0 mi. (f) Colorado Springs, Colo., Peterson Field-correct missed approach alt. to 10,000'. (g) Elkins, W. Va., Airport-change initial approach from E-5000'... to N-5000' (Morgantown Range). (h) Jacksonville, Fla., Airport -add to initial approach column: N-1200' (Brunswick H fac.). (i) Joplin, Mo., Airport-change initial approach from E-Min. enroute alt. to: E-2500' (SW leg Springfield). Correct bear. and distance to 172°, 6.2 mi. (j) Key West, Fla., NAS-correct missed approach to: Climb to 1500' on E leg within 25 miles. (k) Key West, Fla., Meacham Field-Add to initial approach column: E-1300' (Stock Island LFM). Correct final approach to W. (l) Lynchburg, Va. Preston Glenn Arpt.-Change initial approach to NE-4000' (NW leg Richmond). (m) Melbourne, Fla., Airport-correct initial approach to: S-1200' (N leg West Palm Beach). (n) Muscle Shoals, Ala., Airport-change missed approach to: climb to 2000' on W leg within 25 miles. (o) New Castle (Wilmington), Dela., New Castle Co. Arpt.-change procedure turn at 25 mi. to: 2000'. (p) Orlando, Fla., AAB-correct el. to 115'. (q) Philadelphia, Pa. (PG Range), Philadelphia Southwest Airport-add to initial approach column: W-800' (Boothwyn FM, final). (r) Presque Isle, Me. (ZQ Range), Presque Isle AAF-add to initial approach column; NE-1500' (Limestone FM, final). (s) Insert the following in correct alphabetical order: St. Paul, Minn., St. Paul Airport-El. 704' (Make let-down to Wold Chamberlain Airport. Fly contact from Wold Chamberlain Airport to St. Paul Airport). (t) Tallahassee, Fla., Dale Mabry Field-Change initial approach alt. to: E-1500' (NW leg Cross City). (u) Tri-City, Tenn., Airport-add to procedure turn column: 7000' alt. for 15, 20, and 25 mi. distances. Delete remark limiting procedure turn to 12 mi.

SAN JUAN, P.R. PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan Puerto Rico, is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D.C. The commanding officer NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grande Airport.

MEHREBAL AIRPORT, TEHRAN FACILITIES: Following services available daily from 0230 to 1430 GMT; point to point on 6690 kcs., call sign EPD; air to ground on 6590 kcs., call sign EPD; and tower radio telephone on 6640 kcs., call Mehrabal. MF beacon is also available on 310 kcs on request, call sign TR.

BERMUDA APPROACH CONTROL AREA PROCEDURES: Aircraft enroute to Bermuda shall set a course to enter the Bermuda Approach Control Area as specifically outlined below unless otherwise authorized by the Bermuda Approach Control Center. Routes aircraft approaching Bermuda from 360° to, but not including, 60° mag. course, shall set a course to intercept the NE course of the "King Baker" Radio Range at a point approximately 150 nautical miles from the radio range. Aircraft approaching Bermuda from 60° to but not including 120° mag. Course shall set a course to intercept the E course of "King Baker" Radio Range at a point approximately 150 nautical miles from radio range station. Aircraft approaching Bermuda from 120° to but not including 180° mag course shall set a course to intercept the SE course of the "How Oboe" Radio Range at a point approximately 150 miles from the radio range. Aircraft approaching Bermuda from 180° to but not including 230° mag. course shall set a course to intercept the SW course of the "Nan Xray Mike" Radio Range at a point approximately 150 nautical miles from the radio range. Aircraft approaching Bermuda from 230° to but not including 280° mag. course shall set a course to intercept the SW course of the "How Oboe" radio range at a point approximately 150 nautical miles from the radio range. Aircraft approaching Bermuda from 280° to but not including 315° mag. course shall set a course to intercept the W course of the "King Baker" Radio Range at a point approximately 150 nautical miles from the radio range. Aircraft approaching Bermuda from 315° to, but not including 360° mag. course shall set a course to intercept the NW course of the "How Oboe" Radio Range at a point approximately 150 nautical miles from the radio range.

STANLEY FIELD, BELIZE, BRITISH HONDURAS FACILITIES: Civil Airport - Located at lat. 17-32-10 N, long 88-18-20 W. Elev. 16'. One rnwy: 5000 x 150' ENE/WSW. Surround country: SW quadrant highest level 3700', 55 mi. distant, all other approaches flat. 91,100 oct. No night lighting facilities. Radio facs.: Radio beacon identification is "BZ". Transmits on 392 kcs, Type A2 emission; Twr transmits on 4575 kcs., guards 6210 kcs., Type A3 emission; ground-air-ground transmits on 6515 kcs., guards 6515 kcs., Type A3 emisston; A/C Guard transmits on 6720 kcs., guards 6720 kcs. Type A1 emission. Facilities available between the hours of 1330Z and 2400Z.

PANAMA CANAL ZONE CLEARANCE AND ROUTE FREQUENCIES: Balboa Overseas-Foreign Aeronautical Communications Station WHZ continuously guards 3105 and 6210 kcs. for calls from itinerant aircraft. Calls will be answered on route frequencies as follows: Balboa-San Jose-Managua 3082.5/5162.5 kc voice. Balboa-Barranquilla-La Guria. Balboa-Turbo-Medillen 3067.5/5602.5 kc voice. Balboa-Kingston. Balboa-Habana 3082.5/5692.5 kc voice. Balboa-Guayaquil 3076/6597 kc CW. Army clearance required prior to entering zone 200 mile radius Balboa.

NORTH ATLANTIC OCEAN STATION VESSELS: Commander, North Atlantic Ocean Patrol has advised that, effective 0001 GMT, January 15, 1947, all ocean station vessels began guarding distress frequency 140.58 mcs continuously at sea in addition to distress frequencies 500 and 8280 kcs. Ocean station vessels will continue to guard 116.1 mcs., when on station for routine VHF communications.

NEW YORK OCEANIC AIR TRAFFIC CONTROL PROCEDURES: For the information of those agencies intending trans-oceanic operations in the New York Oceanic Control Area and which are not in possession of PICAO manuals for procedures the following is promulgated: The New York Oceanic Airway Traffic Control Area has been activated in accordance with PICAO directives and New York Oceanic Traffic Control Operations Letter No. 1.

This area is bounded on the N by the 43rd parallel, on the E by the 45th meridian, on the S by the 30th parallel, on the W by a line paralleling the E Coast of the U.S 100 nautical miles off-shore.

All aircraft operating therein must do so under an approved instrument flight plan, the composition of which follows: aircraft registration, aircraft radio call, type of aircraft, person in command, point of departure, cruising altitude, route of flight, point of first intended landing, proposed true airspeed, transmitting and receiving frequencies, proposed or actual departure time, estimated elapsed time to arrival point, alternate airdrome, amount of fuel in pounds, any other pertinent data deemed necessary for control purposes. Flight plans shall be addressed to New York Ocean Control (preferably through WSY, New York) prior to entering this area.

Position reports transmitted by radio telegraphy will be composed in the following abbreviated form: the position will be determined as soon as practicable after the first hour of flight and each hour thereafter, and the reports transmitted to the ground station at the the earliest opportunity. Standard position reports shall be in the following form: U G G G G Q L L L L Long Long Long Long PD Fox Charlie Tare 1 Tare 2 Tare 3 and Sugar 1 Sugar 2 Sugar 3 How 1 How 2 How 3 Fox 1 Fox 2 Fox 3 Fox 4 Fox 5.

Position report code Uncle, indication by one figure of the system of units utilized according to the following: 0 for metric system,5 for English system George indication of time given in hour figures based on GMT. Queen indication by 1 figure of octant in which aircraft is situated according to the following: N lat. 0 equals 0° to 90°; W 1 equals 90° W to 180°; 2 equals 180° to 90° E; 3 equals 90° E to 0°; S lat.5 equals 0° to 90° W; 6 equals 90° W to 180°; 7 equals 180° to 90° E; 8 equals 90° to 0°. Love indication of lat., in 4 figures (degrees and minutes); long. indication of longitude in 4 figures (degrees and minutes) dropping hundredths degrees. Peter Dog indication by 1 figure of means used to determine the position according to the following: 1 equals dead reckoning; 2 equals single position line; 3 equals single radio bearing position line; 4 equals radio fix; 5 equals celestial fix; 6 equals visual or ground fix; 7 equals Loran or console fix; 8 equals radar fix George Easy, Easy; 9 equals celestial and radio fix. Fox Charlie indication by 1 figure, flight conditions according to the following: 0 equals visual flight rules at all levels; 1 equals visual flight low clouds; 2 equals on top; 3 equals between layers; 4 equals medium icing; 5 equals heavy icing; 6 equals in and out of clouds 25% IFR; 7 equals ditto 50% IFR; 8 equals in and out of clouds 75% IFR; 9 equals continuous IFR; Tare one, Tare two, Tare three indication of true track in degrees given in three figures Tare one equals hundredths; Tare 2 equals tenths; Tare 3 equals single unit Sugar 1,Sugar 2,Sugar 3 indication of ground speed in 3 figures, Sugar 1 in hundredths; Sugar 2 equals tenths; Sugar 3 equals single unit. How 1, How 2, How 3 indication of altitude in 3 figures. How 1 equals ten thousands of feet or thousands of meters; How 2 equals thousands of feet or hundreds of meters; How 3 equals hundreds of feet or tenths of meters. Fox 1, Fox 2, Fox 3, Fox 4, Fox 5 weight of fuel used given in 5 figures. Fox 1 equals ten thousands; Fox 2 thousands; Fox 3 hundredths; Fox 4 equals tenths, Fox 5 equals single units. Units to be used ground speed; metric system kilometers per hour, English system knots; altitude: metric system tenths of meters; English system hundreds of feet; weight of fuel: English system pounds.

Example message: "0 1 4 1 5 0 3 0 4 5 3 3 0 7 2 2 9 0 3 2 5 1 2 5 0 2 4 5 0" meaning "at 1 4 1 5 GMT, position lat. 30°45' N, long. 53° 30' W Loran or Console determined position - on top - true track 290° - groundspeed 325 M.P.H. - altitude 12,500' - weight of fuel used 2450 lbs".

Position reports should be addressed to New York Ocean Control. Position reports transmitted by radio telegraphy should be directed to WSY if possible. If military aircraft are not equipped to transmit on PICAO frequencies to give their position, reports will be directed to a military air/ground station suitably equipped to relay messages to New York Ocean Control. Publications outlining PICAO procedures for air navigation services are available in Publications and Document Section, Dominion Square Building, Montreal, Canada. New York Oceanic Traffic Control Operations Letter No. 1, available New York Airway Traffic Control Center, La Guardia Field.

All flights operating in the New York Oceanic Control Area will be cleared at the following altitudes: Magnetic headings of from 0° to and including 179°, odd thousand foot levels. Magnetic headings of from 180° to and including 359°, even thousand foot levels.

GUARDING OF 3117.5 KCS. BY CAA AIRWAY COMMUNICATIONS STATIONS: All airway communications stations located at points also served by CAA airport traffic control towers discontinued continuous listening watches on 3117.5 kcs. Hereafter, communications stations at these locations will establish watches on 3117.5 kcs. upon "request" and during such hours as the associated tower is closed.

NEW PRIVATE FLIER FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131 9 mcs. as new equipment becomes available to guard the new private flier frequencies of 123.1 mcs. for transmission to CAA Communications Stations and 122.5 mcs. for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

✓ C.A.A. COMMUNICATIONS STATIONS GUARDING 122.1 MCS.: CALIFORNIA - Los Angeles, Oakland; COLORADO - Pueblo; FLORIDA - Daytona Beach, Jacksonville, Key West, Melbourne, Miami, Orlando, Tallahassee, Tampa, West Palm Beach; GEORGIA - Alma, Atlanta, Augusta, Macon, Savannah; IOWA - Des Moines; MISSISSIPPI - Jackson; MISSOURI - Kansas City; MONTANA - Helena; NEBRASKA - North Platte, Omaha; NORTH CAROLINA - Greensboro; OREGON - Pendleton, Portland; SOUTH CAROLINA - Charleston, Florence; TENNESSEE - Knoxville, Memphis, Nashville; TEXAS - Abilene, Dallas, Fort Worth; WASHINGTON - Everett, Yakima, Spokane; WYOMING - Casper.

✓ C.A.A. TOWERS GUARDING 122.5 MCS: ALABAMA - Birmingham Airport; ARIZONA - Davis Monthan, Tucson; Sky Harbor Airport, Phoenix; ARKANSAS - Adams Field, Little Rock; CALIFORNIA - Bakersfield-Kern County Arpt; Grand Central Arpt, Glendale; Lindbergh Field, San Diego; Lockheed Air Terminal, Burbank; Long Beach Arpt; Los Angeles Arpt; Oakland Arpt; Ontario Arpt; San Francisco Arpt; Santa Barbara Arpt; COLORADO - Stapleton Airfield, Denver; CONNECTICUT - Brainard Field, Hartford; Bridgeport Arpt; FLORIDA - Dale Mabry Field, Tallahassee; Drew Field, Tampa; Jacksonville Airport No. 1; Morrison Field, West Palm Beach; Orlando AAB; GEORGIA - Atlanta Arpt; Daniel Field, Augusta; Hunter Field, Savannah; IDAHO - Gowen Field, Boise, ILLINOIS - Chicago Airport; INDIANA - Bendix Arpt, South Bend; Evansville Arpt; Indianapolis Arpt; IOWA - Des Moines Arpt; Sioux City Arpt; KANSAS - Fairfax Field, Kansas City; Wichita Arpt; KENTUCKY - Bowman Field, Louisville; Greater Cincinnati Airport, Covington; LOUISIANA - Moisant International Arpt, New Orleans; Shreveport Arpt; MAINE - Presque Isle AAF; MARYLAND - Baltimore Arpt; MASSACHUSETTS - Logan Arpt, Boston; MINNESOTA - Rochester Airport; Wold Chamberlain Field, Minneapolis; MISSISSIPPI - Jackson Airport; MISSOURI - Kansas City Airport; Lambert-Field-St.Louis Arpt, St. Louis; Rosecrans Field, St. Joseph; MONTANA - Billings Arpt; Great Falls AAF; Helena Arpt; NEBRASKA - Omaha Arpt; NEVADA - Las Vegas AAF; NEW JERSEY - Caldwell-Wright Arpt, Caldwell; Newark Arpt; Teterboro Air Terminal, Bendix; NEW MEXICO - Kirtland Field, Albuquerque; NEW YORK - Albany Arpt; Buffalo Arpt; La Guardia Field, New York; NORTH CAROLINA - Douglas Arpt; Charlotte; Greensboro Arpt; Smith-Reynolds Arpt, Winston-Salem; NORTH DAKOTA - Fargo Arpt-Hector Field, Fargo; OHIO - Akron Airport; Cleveland Arpt; Dayton Arpt; Lunken Arpt, Cincinnati;

Port Columbus -NAS; OKLAHOMA - Tulsa Arpt; Will Rogers Field, Oklahoma City; OREGON - Medford AAF; Pendleton Arpt; Portland AAB; PENNSYLVANIA - Allegheny Co. Arpt, Pittsburgh; Harrisburg State Arpt; RHODE ISLAND - Theodore Francis Greene Arpt, Providence; SOUTH CAROLINA - Charleston Mun. Arpt; Memorial Arpt, Spartanburg; TENNESSEE - Berry Field, Nashville; Chattanooga Arpt-Lovell Field; Knoxville-McGhee Tyson Arpt; Memphis Arpt; TEXAS - Abilene Air Terminal; Big Spring Arpt; Cliff Mams Field, Corpus Christi; El Paso Airport-Ed Anderson Field; English Field, Amarillo; Houston Arpt; Love Field, Dallas; Meacham Field, Fort Worth; Rio Grande Valley International Arpt, Brownsville; Robert Mueller Arpt, Austin; San Antonio Arpt-Alamo Field; UTAH - Salt Lake City Airport #1; VERMONT - Burlington Airport; VIRGINIA - Norfolk Arpt; Richmond AAB; Woodrum Field, Roanoke; WASHINGTON - Felts Field, Spokane; King County Airport, Seattle; Yakima Co. Arpt; WISCONSIN - General Mitchell Field, Milwaukee; WYOMING - Cheyenne Arpt.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

PILOTS' ATTITUDE TOWARD FEDERAL AIRWAYS LIGHTING FACILITIES: The CAA is conducting a survey to ascertain from pilots throughout the United States whether or not airway beacons and course lights are aids to flying safety. The results of this survey will determine the future policy as regards the retention of these beacons and lights. The questionnaires (Form ACA-1691) are now being distributed. It will be appreciated if all concerned will cooperate by completing this form and forwarding it to the Civil Aeronautics Administration, Assistant Administrator for Federal Airways, Washington 25, D.C., Attention: A-54, within ten days after receipt.

✓ SURVEY OF AIRCRAFT OWNERS: The CAA is conducting a survey to obtain better information on the kind and amount of personal flying now being done in the country, and shortly will send out 25,000 survey cards. By choosing a good "sample" of the personal fliers, the CAA hopes to obtain information that will adequately reflect the activities of the 35,000 owners of aircraft in the United States. It is highly important, however, that as many of the 25,000 cards as possible be returned, since this is the only means by which the CAA can obtain authoritative information on which to base its statistics. These statistics will be used by the whole industry, and the safety figures resulting from them may have effect on many things, including the insurance rates being charged in private flying. All survey card recipients are urged to fill in the questionnaires and return them as soon as possible.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Effective Feb.18,1947, revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non-air-carrier pilots proposing instrument flight thru this area or to or from Newark,Mitchel,or La Guardia Flds should write the Chief Controller, New York ATC Center,Box 575,LaGuardia Fld, N.Y., for copies of applicable Operations Letters describing these procedures.

NEW YORK OVERSEAS FOREIGN AERONAUTICAL STATION: Effective Dec. 4, 1946, the broadcast of navigation reports by WSY changed times of transmission and added the frequencies as follows: At 0200, 0400, 0600, 0800, 1000 and 1200 GMT broadcast is made simultaneously on 3380, 8720, and 12395 kcs. At 1400, 1600, 1800, 2000, 2200, and 2400 GMT, broadcast will be made simultaneously on 3380, 5960, 8720, 12395 and 16250 kcs. Form and contents of broadcast remain unchanged. Concurrently, the hourly metar and notam broadcast are transmitted at 55 minutes past each hour between the hours of 0055 through 1155 GMT on 3380, 8720, and 12395 kcs.,and between the hours of 1255 and 2355 GMT on 3380,5960,8720,12395,16250 kcs. Contents of the metar and notam broadcast remain unchanged. The broadcast at 25 minutes past each hour was discontinued. Comments concerning the effectiveness of the above services will be appreciated.

AIRPORT APPROACH ZONES AND AIRPORT TRAFFIC ZONES CFR MINIMA: Part 60 specifies that CFR traffic within Airport Traffic Zones or Airport Approach Zones must maintain 500' vertical and 2000' horizontal separation from the clouds unless given traffic clearance by the control tower or control center concerned. Even under such clearance CFR flights must remain clear of clouds. These airport traffic zones and airport approach zones are indicated on the Flight Planning Charts of the Airman's Guide, and all recently revised Coast and Geodetic Survey Aeronautical Charts. In the interest of safety CFR flights must maintain the 500' and 2000' minima specified above while in these circular charted zones. (See Chapter VIII of the Flight Information Manual for air traffic control procedures and weather minima).

✓ REDESIGNATION OF CIVIL AIRWAYS: Effective January 15, 1947, Part 600.1 of the Regulations of the Administrator was amended to read in whole or in part as follows:
Section 600.10222, Red Civil Airway No. 23 (U. S. - Canadian Border to New York, N.Y.)
. . . New York, N. Y. (La Guardia Field) range station to the intersection of the E leg of New York, N. Y. (La Guardia) and the NE leg of Mitchel Field, N.Y. (Army).
Section 600.10232 Red Civil Airway No. 33 (Gordonsville, Va. to Boston, Mass.).
From Gordonsville, Va. range station via Arcola, Va. range station; the intersection of the NE leg of Arcola, Va. and the SW leg of Allentown, Pa.; Allentown, Pa. range station . . .
Section 600.10317 Blue Civil Airway No. 18 (Philadelphia, Pa. to Burlington, Vt.).
From the intersection of the NE leg of Philadelphia, Pa. and the SW leg of Idlewild, N.Y. via Idlewild, N. Y. range station to the intersection of the NE leg of Idlewild, N. Y., and the E leg of New York, N. Y. (La Guardia). From the intersection of the NW leg of New York, N. Y. (La Guardia) and the SW leg of New Hackensack, N. Y. via the New Hackensack, N. Y. range station, excluding that portion which lies more than 2 miles W of the SW leg of New Hackensack, N. Y. between a point 30 mi. NE from the intersection of the NW leg of New York, N. Y. (La Guardia) and the SW leg of New Hackensack, N. Y. and a point 10 miles S of New Hackensack, N. Y.; Albany, N. Y. range station to Burlington, Vt. range station.

✓ REDESIGNATION OF AIRWAY TRAFFIC CONTROL AREAS: Effective Jan. 16, 1947, Part 601 of the Regulations of the Administrator was amended to read in whole or in part as follows:
Section 601.10233 Red Civil Airway No. 33 A.T.C. Areas (Gordonsville, Va. to Boston, Mass.). All of Red Civil Airway No. 33.
Section 601 10318 Blue Civil Airway No. 18 A.T.C. Areas (Philadelphia,Pa.,to Burlington, Vt.). All of Blue Civil Airway No. 18.

✓ REDESIGNATION OF RADIO FIXES: Effective Jan. 16, 1947, Part 601.4 of the

Regulations of the Administrator was amended in whole or in part as follows:
Section 601.40293 Red Civil Airway No. 33 (Gordonsville, Va., to Boston, Mass.). Arcola, Va. range station.
Section 601.40318 Blue Civil Airway No. 18 (Philadelphia, Pa. to Burlington, Vt.). No radio fix designation.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded.

To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

PERSONAL POSSESSION OF PILOT CERTIFICATE: Effective Feb. 15, 1947, Part 43.400 of the Civil Air Regulations will be amended to read as follows: 43.400 Pilot Certificates: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire on July 1, 1947. Such certificates may be exchanged for the new-type certificates at any time prior to their expiration date. No red tape or written application is involved in the exchange. The pilot merely presents his old-type certificate to a CAA inspector, who immediately issues a new-type certificate. A pilot can arrange to make the exchange at a CAA regional or district office, or during a CAA inspection trip to his local airport. The new-type certificates will be valid for at least 24 months from the date of issue, and the Civil Aeronautics Board is considering extending them for an even longer period.

LOW FLIGHT OVER FUR RANCHES: Numerous complaints have been received regarding low flying over fur ranches. This low flying, especially during mating season, has resulted in very definite dollar and cents losses to fur breeders. They request that pilots avoid flying over their ranches, particularly at low altitudes, stating that the ranches can be identified by the large number of small animal inclosures or pens.

INSTRUMENT APPROACH PROCEDURE MINIMA: Part 61.752 of the C.A.R. was amended Jan. 10, 1947, and now reads as follows: "61.572 No instrument approach procedure shall be executed or landing made at an airport when the latest U.S. Weather Bureau weather report at the airport indicates the ceiling or visibility to be less than that prescribed by the Administrator for landing at such airport".

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct "TO-08-15-3", page 104, by showing the let-down procedure for Portland, Ore. as follows: Portland FM is located on S leg of Portland radio range rather than on the N side of range station; Northern FM is Woodland rather than Willamette.

(b) Correct "TO-08-15-1", page 29, by showing the minimum altitudes for Red Airway 19, Goshen to Grand Rapids as follows: 3000' northbound - 4000' southbound; Page 25, by showing the minimum altitudes for Blue Airway 20, Allentown to Philadelphia as follows: 3000' northbound - 4000' southbound; Page 53, by showing the minimum altitudes for Blue Airway 28, Columbia to Charleston as follows: 2000' southbound-3000' northbound; Chart 23, by showing Gardner intersection as the intersection of the NE course of the Westover range and the NW course of the Boston Range; Chart 23, by showing Greenfield intersection as the intersection of the NE course of the Westfield-range and the SE course of the Albany range; Page 43, by changing the hours of operation of Independence AAF, Kans. Tower from 0800 to 2000 to 0700 to 1900; Page 28, by showing the correct class of Chanute Field, Ill. Range as SBMRAZ; Page 101, by correcting "Check List of Proper Voice Radio Procedure for Position Reporting and Change of Flight Plan", so that B, I, Change of Altitude only, and B, II, Change of Route and/or destination, are shown as requiring approval by both CAA Airway Traffic Control and by Army Flight Service in all 3 instances of change; Page 56, by showing landing field class of Craig Field as P53HL5, as the maximum strength of runways is 40,000 lbs.; Page 96, by showing Mitchel Field, N. Y. operating on 4765 kcs. rather than Moody Field, Ga.

(c) Correct Pilots Handbook, by showing the Missed approach procedure for Patterson Field as follows: "Climb to 2500' on the NE leg and make a 180° turn to the right, South of the E leg of Dayton Range"; by showing the Fairfield Fan Marker as unreliable.

(d) Correct Chicago Sectional Aeronautical Chart, dated Dec. 24, 1946, by changing the bearing on the NE leg of Lafayette, Ind. radio range to: 230°, instead of 320°; Milwaukee Sectional Aeronautical Chart, dated Dec. 31, 1946, by changing the bearing on the S leg of Milwaukee, Wis. radio range to read 178° instead of 187°.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station		Effective Date
Montpelier, Vt. (Barre-Montpelier Airport)	Hourly	Closed	1-12-47
Dansville, N. Y. (Dansville Arpt.)	Hourly	Closed	1-12-47
Dunkirk, N. Y. (Dunkirk Arpt.)	Hourly	Closed	1-12-47
Glens Falls, N. Y. (Floyd Bennett Field)	Hourly	Closed	1-12-47
Houlton, Me. (AAF)	Hourly and 6 hourly	Closed	1-12-47
Lebanon, N. H. (Lebanon Arpt.)	Hourly	Closed	1-12-47
Milroy, Ind. (Int. Field)	Hourly	Closed	12-28-46
McCool (Wheeler), Ind. (Int. Fld)	Hourly	Closed	12-28-46
Archbold, Ohio (Int. Field)	Hourly	Closed	12-28-46
Port Clinton, Ohio (Int. Field)	Hourly	Closed	12-28-46
Brookville, Pa. (Int. Field)	Hourly	Closed	1-12-47
Sunbury, Pa. (Sunbury Arpt.)	Hourly	Closed	1-12-47
Cherry Fork, Ohio (Int. Field)	Hourly	Closed	12-28-46

Weather Reporting Station	Type of Station		Effective Date
Danville, Va. (Danville Arpt.)	Hourly	Closed	1-12-47
Lane, S. C. (Int. Field)	Hourly	Closed	12-15-46
Evergreen, Ala. (OLF)	Hourly	Closed	12-15-46
Tylertown, Miss. (Int. Field)	Hourly	Closed	12-15-46
Coffeyville, Kans. (Airport)	Hourly	Closed	- -
Warsaw, Ky. (Int. Field)	Hourly	Closed	12-28-46
Lake City, Minn. (Airport)	Hourly	Closed	12-28-46
Montezuma, Iowa (Int. Field)	Hourly	Closed	- -
Lamoni, Iowa (Int. Field)	Hourly	Discont.	
St. Ignace, Mich. (Mackinac Co. Airport)	Hourly	Closed	12-28-46
Big Springs, Nebr. (Int. Field)	Hourly	Closed	- -
Philip, S.D. (Int. Field)	Hourly	Closed	- -
Ashley, N.D. (Int. Field)	Hourly	Closed	12-28-46
Golva, N.D. (Int. Field)	Hourly	Closed	12-28-46
Custer, Mont. (Int. Field)	Hourly	Closed	12-5-46
Overton, Nebr. (Int. Field)	Hourly	Closed	- -
Cassoday, Kans. (Int. Field)	Hourly	Closed	- -
Socorro, N.M. (Socorro Arpt)	Hourly	Closed	12-28-46
Easton, Wash. (Int. Field)	Hourly	Closed	12-5-46
Arlington, Ore. (Int. Field)	Hourly	Closed	12-5-46
Gabbs, Nev. (Int. Field)	Hourly	Closed	1-31-47
Fallon, Nev. (Fallon NAAS-Freeman Field)	Hourly	Closed	1-31-47
Cortez, Colo.	SW	Not opened as planned	
Ditch Plains, N. Y.	6-hourly	Closed	- -
Fire Island, N. Y.	6-hourly	Closed	- -
Newburgh, N.Y. (Stewart Fld)	Hourly	Closed	- -
Grandview, Mo. (Airport)	Hourly	Closed	- - -
Lamoni, Iowa .	3-hourly	Opened	
	Lat. 40° 38'; Long. 94°00'; Elev. 1173'		
New Hackensack, N. Y. (New Hackensack Airport)	Hourly	Opened	
	Lat. 41°38'; Long. 75°53'; Elev. 156'		
San Nicolas Island, Calif.	3 and 6 Hourly	Reestablished	
	Lat. 33°14'; Long. 119°28'; Elev. 502'		

Note: Hourly weather reporting stations at Ontario, Ore. & Gooding, Idaho were discont and supplementary weather stations estabi ished in lieu thereof. Lewiston, Idaho, supplementary weather reporting station discontinued and hourly reporting station opened in lieu thereof. Effective Feb. 1, 1947, terminal forecasts became available for Millville (Vineland), N. J., (Millville Municipal Airport), and Martinsburg, W. Va., (Shepherd Field).

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

N.B.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio - should establ ish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off.

(b) Planes without receivers, when approaching tower-controlled fields and befor taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60).

(c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons coupled with flashing red code lights, indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are C.A.A. facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

ALABAMA

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft (1-9)

BATES FLD (MOBILE)-RADIO: Feb. 18, CAA will operate twr; traffic controlled by lgt gun only from 0800 to 1800 daily. (2-14)

BIRMINGHAM ARPT-Closed to civil. acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No svcg mil acft 2200 to 0600. No maintenance. (1-18)

★BROOKLEY FLD (MOBILE)-RADIO: Army HF/DF stn when in operation will operate from 0700 to 1700 daily. Stn temp inop. (2-17). AACS, ground to air stn inop on freqs. of 8200, 4845, 4595 kcs.; transmitting freq of 2862 kcs inop. (2-11) FLD: soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.

CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)

CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail., mrkd. (11-2)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20). FLD: Bndry lgts inop. (11-15)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft) (8-12)

EUTAW ARPT-NW 600' NW/SE strip soft with large holes and 50' trees 150' from SE end. Use NE/SW strip. (2-11)

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip. (3-3)

HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat. 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to said river; SW along river to point of beginning.

★MAXWELL FLD (MONTGOMERY)-RADIO: Mag. var. 4° E. Army range courses are now: 33°, 85°, 213°, 265°. (2-6) FLD: At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

[redacted]

MUSCLE SHOALS ARPT-Fuel avail. civil acft only. (1-20)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg. only. 175' water tank obst lgt inop. (1-12)
ST. ELMO ARPT-ABANDONED (2-11). See page 128
TUSCALOOSA ARPT, SITE 59, FV-AG-Extreme NW and SW ends fld soft in wet weather. (1-23)
TUSKEGEE INSTITUTE FLD NO. 1 (TUSKEGEE)-Soft spots after heavy rains.(11-2)

[redacted]

ASHFORK INT, SITE 36A, LA-AQ-Rough. (2-12)
COCHISE-RADIO: Range flgt-checked Feb. 5, courses correctly aligned.
COCHISE INT, SITE T-3, PH-EO-Rough, tall grass off rnwys-usable with ctn.(2-14)
DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE,E/W rnwys.(1-16)
DEEP LAKE INT, SITE 54A, LA-AQ-Soft. E end E/W, N end N/S strips rough. Equip. on fld days. (2-12)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)
ECHEVERRIA FLD (WICKENBURG)-Use rnwys only (parked acft)
FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side of fld. (1-9)
JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. (1-21)
KINGMAN ARPT-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mt. (8500' MSL) 11 mi S. Rnwy lgts Rnwy 17-35 inop. (7-12)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)
LUKE FIELD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)
PHOENIX-Inst. train. on Phoenix Range between 5500' and 9500'
PRESCOTT-RADIO: Range flgt-checked,courses correctly aligned. (2-6)
RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)
SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough). (1-16)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).
TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (11-13)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW-RADIO: Range flgt-checked Feb. 7, courses correctly alinged.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

[redacted]

ADAMS FLD (LITTLE ROCK)-Use rnwys only-shoulders soft. Equip. on fld. Closed to trans mil acft 1800 to 0800. (11-6)
**BENTONVILLE ARPT-New fld., lat. 36-21-00, long. 94-13-00. (9-20). See page 64
**CAPP FLD (CALICO ROCK)-New fld. Lat. 36-08-15, long. 92-07-45. (9-16). See page 65.
EL DORADO-RADIO: Jan. 31, VHF range flgt-checked and comm on exper basis only at lat 33-17-00, long. 92-48-00. Freq. 109.1 mcs. Ident. "LD". Visual courses 45°,225°; Aural courses: 135°,315°. Mag. var. 7° E. Stn class: VARW. (2-3)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin. Bldg. closed to all acft of 5000 lbs or more. (12-28)
GRIDER FLD (PINE BLUFF)-Closed ngts. (1-13)
HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City (11-7)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)

[redacted]

LITTLE ROCK-RADIO: Range flgt-checked Feb. 11, courses correctly aligned. Effective Dec. 29, stn guards 3117.5 kcs. 2300 to 0700.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S runway. (9-27)
McGEHEE ARPT-Cattle on fld intmtly (9-6)
McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs. and receives on 4495 kcs only. (9-11) FLD: Use ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon. thru Fri. (12-12)
PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat. 34-14-48, long. 91-55-36, Freq. 108.7 mcs. Ident. "PL" Visual courses: 13°, 193°, aural courses: 103°, 283°. Stn class: VARW. Mag. var. 7° E
**SLOAN FLD (BLACK ROCK)-New fld. Lat. 36-07-30, long. 91-05-00. (11-20). See page 65.
**SMITH ARPT (HASTY)-New fld. Lat. 35-58-00, long. 93-04-15. (9-18). See page 64.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only (parked acft)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (11-21)

[redacted]

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip. adj to and on rnwys. Fld on positive control.(8-15)
AMERICAN LEGION ARPT (SALINAS)-CLOSED (12-5)
ARCATA ARPT-Closed to acft without 2-way radio unless prior approval rcvd from Stn Director. Incoming acft must file flight plan. Use surfaced areas only. (10-2)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-RADIO: 116.1 mc transmitter temp inop. (1-21)
BAKERSFIELD-KERN CO. ARPT (BAKERSFIELD)-Unlgtd 92' pwr line 1/2 mi N of bndry. (11-1)
BIDWELL FLD (RED BLUFF)-Oper of all fld lgts unreliable. Badry, obst lgts inop. (2-15). These data recvd too late for (O) symbol.
BLUE CANYON INT, SITE 13, SF-SL-Entire fld now open. These data rcvd too late for deletion of (R) symbol. (2-12)
BORDERLAND FIELD (SAN YSIDRO)-Target drone Unit 36 conduction flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-RADIO: Intermittent interference from Navy transmissions on adj. channel of 245 kcs. (5-23)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft) (1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft)
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited(11-6)
CASTLE FLD (MERCED)-No opers office. (1-29)
CATES, BEACON SITE 235 MI. BLINKER,-SF-SA-Beacon inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg. only. (6-11)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg. at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran.

Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (6-11)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (12-7)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (1-10)
DONNER SUMMIT-RADIO: Range figt-checked Feb. 11, courses correctly alinged.
EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
★FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range now gds (3); 4220 kcs, 126.18 mcs. (2-5) Army GCA fac transmits on 126.18, 128.16,131.40,134.10,137.88 140.58 mcs.; 3475,4890,6640 kcs. Guards 278 kcs or any freq. between 1500 and 18000 kcs. on req. (2-11) Army GCA fac transmits on 137.70 mcs. also. Army range unreliable, use for homing only. (9-30). Army ILS inop. (2-5)
FLD: First 1000' Rnwy 25, Rnwy 21L open to acft days and CFR opers only; first 1100' rstd. Land over yellow line. (1-7)
! GARY FLD (BLYTHE)-Use rnwys only (parked acft).
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, marked. W end Rnwy 12-30 being shortened 1000' Closed ngts (lgts inop) (1-28)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
**HANCOCK FLD (SANTA MARIA)-Lgts on prior req. (2-11). See page 132.
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right traffic when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (1-13)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or on approval of the CO. (11-8)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
INDIO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-22)
INYOKERN NAF-Fld no longer on caretaker status. These data rcvd too late to delete ⓐ symbol from Flight Planning Chart 51.
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg use only. (10-1)
LIVERMORE OLF-Lgt acft avoid using fld-tall grass and weeds. Avail. heavy acft in emerg only. (1-3)
LOCKHEED AIR TERMINAL-See BurbanK.
LODI ARPK-CLOSED (sewer const across rnwy). (2-6)
LONG BEACH ARPT-Ltd maintenance; 100 oct. only fuel avail. (2-14)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300 daily. (7-26)
LOS ANGELES ARPT (MINES FLD)(LOS ANGELES)-RADIO: Soon middle add outer mrkrs of CAA ILS will be shut down pending relctn. About Mar. 1, outer mrkr, keying two dashes per second will be lctd 6 mi from the end of Rnwy 25 on extended rnwy centerline. middle mrkr keying alternate dots and dashes will be lctd 0.64 mi from the end of Rnwy 25 on extended rnwy centerline. (2-6). Glide path

CALIFORNIA

of CAA ILS temp inop. Lctn not monitored. (2-18) FLD: Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwys 11-29, 4-22 closed. Obst lgts atop 40' pole 350' S of twr inop (1-28)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (8-15)
★MARCH FLD (RIVERSIDE)-RADIO: VHF/DF stn now in cont oper. (2-4)
FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (1-26). FLD: Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways.Shoulders,unsurfaced areas unsafe.(12-26)
MERCED MUN. ARPT-Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or on approval of the CO. (11-8)
★MIRAMAR MCAS (SAN DIEGO)-RADIO: Navy GCA avail. when ceiling 200' and visibility 3/4 mi., or on 30 mins notice. Will trans on HF from 2000 to 18100 kcs, and rcv on 1500 to 9060 kcs. These data rcvd too late for inclusion on data page. (2-12)
MODESTO ARPT-Equip. on rnwy until Mar. 15. (1-17)
★MOFFETT NAS-LTA (MOUNTAIN VIEW)-RADIO: Navy GCA sys avail. (1-20)
FLD: Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MOJAVE NAS-Closed to all traffic except acft on off. bus. (2-1)
MONTEREY PENINSULA ARPT (MONTEREY)-Right traffic pattern in use.(11-22)
MT. SHASTA-RADIO: 116.1 mc transmitter and recvr inop temp. (1-18)
MUROC AAF-RADIO: Army range facs unreliable and to be used for homing and training purposes only. FLD: Lctd within a danger area. No 91 oct. No facs 1900 to 0700 or Suns. (2-17)
OAKLAND ARPT-RADIO: Modernized lclzr on freq. 109.9 mcs and Glide Path on freq 333.8 mcs will be comm soon. . Glide path component shut down. Bndry and outer mrkr operating but not monitored pending completion const program. (1-13) FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. (12-3)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Reading,Calif. - will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only. Strip muddy when wet. (11-5)
★PASO ROBLES-RADIO: Class of VHF range; VARW. (2-16)
PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained.. (9-21)
RED BLUFF-RADIO: 116.1 mc transmitter and rcvr resumed oper.
ROCKLIN, BCN SITE 93 MI.BLINKER, SF-SL-Will be perm discont.soon.(11-22)
SACRAMENTO-RADIO: 116.1 mc transmitter and receiver temp inop.
SACRAMENTO ARPT-Acrobatics, low flying days from flight strip 1000' W of Sacramento Arpt. NW/SE rnwy avail. days. Use rnwys, taxi strips only - shoulders and fld soft. Unsafe small acft-rough. (12-10)
SAGE, BCN SITE 114, MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

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SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. (11-12)
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (12-5) Equip. on Rnwys 18 and 29 installing rnwy lgts. Ctn when landing, taking off or taxiing on rnwys. (1-17)
SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)
SAN MATEO ARPT-Const. Avail. lgt acft only. (11-1)
SAN NICOLAS ISLAND NAAS-Use in emergency only (caretaker status - no facs)
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
★SANTA MONICA ARPT-CLOVER FLD-RADIO: Feb. 13, freq. of CAA twr changed to 353 kcs., 126.18 mcs. FLD: Avail. trans acft with 2-way radio. Closed ngts and to all student pilots. (1-10)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (1-18)
STOCKTON-RADIO: Range flgt-checked Feb. 10, courses correctly alinged.
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Operations Officer NAAS Ream Field. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset.(9-4)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (11-7)
TRUCKEE INT, SITE 16B, SF-SL-1 to 3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT-RADIO: Municipal twr inop. FLD: Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VENTURA COUNTY ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port. rnwy lgts available ngts in emergency or by prior arrangement. (11-4)
VERNALIS FLD-CLOSED (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (1-10)

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**CLARKE LAKE-Bombing and firing range approx 12 mi SE of Fort Nelson Arpt. at lat. 58-41-00, long. 122-25-00.

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ALAMOSA ARPT-Bcn inop. (1-11)
ANTON-RADIO: VHF range oper suspended indefinitely. (2-12)
AURORA-RADIO: LFM fld pattern will be temp weak and distorted (10-28)
**BLACK'S (LA JUNTA)-ABANDONED (2-11). See page 57.
EAGLE-RADIO: Effective March 1, station will guard: 3105, 3117.5 kcs., 116.1, 131.7 mcs.
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
LOWRY FLD (DENVER)-RADIO: Freq 2936 kcs voice temp inop. (12-23)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed - being widened to 300'. E/W rnwy avail. between markers only. Heavy const. equip. on fld days. Use rnwys only. (11-2)
★PUEBLO-RADIO: VHF voice facility now transmits on 111.1, 116.1 mcs. See page 57.

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FLD: Rot. beacon atop hangar when lighted indicates field closed except to scheduled air-carrier aircraft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as the calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land and take-off according to the tetrahedron. (1-12)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (telephone lines). (1-15)
RUSTON FIELD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Municipal tower temp inoperative. (12-10). FLD: Right traffic Rnwys 26,30,36; left traffic Rnwys 8,12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
★STAPLETON AIRFLD-DENVER ARPT (DENVER)-RADIO: Middle and outer compass ltrs of CAA ILS comm and flight-checked Feb. 12. See page 138. FLD: Excavation 100' wide S of and parallel to E/W rnwy 2000' from E end E/W rnwy, mrkd. Equip. on fld days. (2-3)
TRINIDAD ARPT-Strips avail. lgt acft. (12-3)
WALKER FLD (GRAND JUCTION)-Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (12-2)

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BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
★BRAINARD FLD (HARTFORD)-RADIO: CAA tower now transmits on 278 kcs., 118.5 mcs. (2-8). FLD: Equip. on fld intermittently. 300' bldg under const. 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
★BRIDGEPORT ARPT-RADIO: CAA tower now transmits on 269 kcs., 118.7 mcs. (2-9). FLD: Use rnwys only. (1-14)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N end fld and on taxiway between field and shop. (10-31)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg. only (bldgs and hedges on W bndry) (2-4)
HARTFORD-RADIO: Automatic range monitoring system inoperative. (9-30)
KINSLEY FLD (SOMERS)-Temp closed - avail. emerg use only. (9-10)
**MILFORD ARPT-New fld. Lat. 41-12-00, long. 73-04-00. (9-13). See page 44.
★MOOSUP-RADIO: Feb. 3, FM commissioned at lat. 41-41-31, long. 71-49-35, lctd on W course of Providence range. Flight-checked operation normal. See page 45.
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (1-18)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)
**TIER AIRSTRIP (CHESHIRE)-New fld. Lat. 41-30-45, long. 72-53-45. (9-12). See page 44.

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NEW CASTLE CO. ARPT (WILMINGTON)-Sod fld within bndrys of rnwys avail, lgt acft. (9-18)

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SPECIAL NOTICE-TELEVISION TOWER 730' ASL ERECTED 6.2 MILES NW (302°) OF WASHINGTON NATIONAL AIRPORT, LATITUDE 38-53-46, LONGITUDE 77-03-05. (3-22)

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SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.

ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)

BOLLING FLD (WASHINGTON)-Rnwys 10-28,14-32 closed. Rnwy 17-35 closed to acft when weather conditions below ctc flight minimums. No JP-1 fuel. Rnwy 2-20 avail. (12-27)

WASHINGTON NATIONAL ARPT-RADIO: Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16). Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder 500' and 1 mile. FLD: ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporting VIP and General Officers above grade of Maj. Gen. as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of center line of N/S rnwy at N end. (2-15)

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ALBERT WHITTED ARPT (ST. PETERSBURG)-Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operated intermittently day, night. (5-2) FLD: Closed to civil. acft days except on prior permission from CO and in emerg-closed ngts except in emerg. S end Rnwy 2-20 under const. Various types acft practicing inst approach operating cont during IFR up to and including 2000' with weather minimums as low as 200' ceiling and 1/8 mi visibility. Air space includes area 20 mi radius from NAS. (10-31)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (12-13)

**BOCA GRANDE KEY-Strafing and bombing in vicinity, conducted under CFR conditions from max alt of 2000'.

BOCA RATON AAF-Port floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (2-7)

BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUNNELL MUN. ARPT-Cattle on fld. These data revd too late for (0) symbol. (2-13)

**BUSHNELL ARPT-ABANDONED. (2-6). See page 134.

CEDAR KEYS ARPT-Use rnwys only. (1-27)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

**CITY AIR PARK ARPT (PANAMA CITY)-New fld. Lat 30-12, long. 85-39. (1-6) See page 128. NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)

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**COCOA-Bombing and strafing target #4 estab. 12 mi NE with a radius of 3 mi centered at lat 28-30-30, long. 80-33-20.

CROSS CITY ARPT-Livestock on fld. (1-20).

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-31)

**DAYTONA BEACH ARPT-Ctc and rnwy lgts on req only. (2-11). See page 133.

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

DREW FLD (TAMPA)-RADIO: About Feb 24, CAA twr transmitting freq will be changed to 278 kcs., 126.18,118.5 mcs. (2-11) FLD: Use rnwys only. Equip. on fld days. Avail. to radio rcvr-equipped acft tuned to twr freq. (6-28)

EGLIN FLD (VALPARISO)-RADIO: Army ILS sys temp inop. (1-6). FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1) Acft on CFR will fly 3000' or 500' below the ceiling whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for letdown instructions. Exten const. (10-29)

**ELLYSON NAAS (PENSACOLA)-No lgts or svcg. (1-20). See page 128. Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)

FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs).

FT. LAUDERDALE-Obst lgts atop N twr Radio Stn WGBS 8 mi W inop. (9-23)

FT. LAUDERDALE, BCN SITE 2, MM-AG-Bcn inop. (1-21)

FT. LAUDERDALE ARPT-Const. grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

**GENEVA-Bombing target estab. in vicinity with a radius of 3 mi centered at lat 28-43-00, long. 81-04-00.

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)

**GULF OF MEXICO-Over-water aerial gunnery range estab. within the following described area: begin at lat 28-48-00, long 81-23-00 S to lat 25-01-00, long. 81-20-30; W to lat 25-01-00, long. 81-43-30, N to lat 25-47-15, long. 81-46-15; E to point of beginning.

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)

**HOLOPAW-Bombing target estab. in vicinity with a radius of 3 mi centered at lat 28-10-30, long. 81-02-15.

**JACKSONVILLE ARPT-Neon approach lgt sys comm Jan 1. (2-3). See page 132. Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. Rdo Stn WJHP constructing two twrs 235' high, 394' apart 10 mi SW, lgtd ngts while under const. (1-27)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (2-6)

**KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-Closed to trans acft except in emerg or prior arrangement. (6-19)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

*LAKE OKEECHOBEE-Oper train. area estab to include all of Lake Okeechobee.

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22).

★LEE OLF (GREEN COVE SPRINGS)-RADIO: Navy GCA unit now avail., bear. and dist from Navy Jacksonville Radio: 164°, 15.7 mi. Call: Flamingo. Unit set up on Rnwy 5, avail. on 45 minutes notice maximum. Ctc Navy Jacksonville Twr or Navy Jacksonville Rdo for initial instructions. Weather minimums with GCA operating 200', visibility 1/2 mi. (2-4)

LEESBURG AAF-CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE, COMMAND OR HIGHER AUTHORITY OR IN EMERG

MacDILL FLD (TAMPA)-RADIO: Glide path of Army ILS temp inop. (2-6) FLD: Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 closed ngts. (12-26)

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip,parked acft). (1-8)

✈MAYPORT CGAS-RADIO: Coast Guard twr decomm. (2-12). FLD: Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32 and 36 to intersection closed. (9-27)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. (11-6)

**MELBOURNE-Bombing and gunnery target estab 8 mi SW with a radius of 3 mi centered at lat 28-00-00, long. 80-45-00.

MELBOURNE-RADIO: Range appears unreliable-courses subject to swinging during damp weather. (2-7)

**MELBOURNE ARPT-Name changed to Melbourne-Eau Gallie. (2-11). See page 134.

**MIAMI-Over-water ctn area between Miami and Ft. Lauderdale, E of Amber Arwy #7, has been reduced in area to the following: beginning at lat 26-00-30, long. 79-57-24; due S to lat 25-51-39; W to lat 25-52; long. 80-07; due N to lat 26-00-30; due E to point of beginning. Aerial gunnery, bombing & rocket range estab. approx 13 mi NNW within the following described area: begin. at lat 26-15-00, long.80-15-30; S along amber #7 to lat 26-02-00, long. 80-17-00; WNW to lat 26-06-00, long. 80-31-00; N to lat 26-15-00, E to point of beginning.

**MIAMI INTERNATIONAL ARPT-AAF-Eight 50' poles obst lgtd along N bndry fence adj 36th St approx 1000' E of approach end of rnwy #17 between Africa-Orient bldg. and hangar #8. (2-10). Domestic non-scheduled acft taxi to old Army Term. Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Term. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole lines adj Seaboard Airline RR Shops between N and S flds inop. (2-10)

✈MIAMI NAS-RADIO: Navy lclzr (Opa Locka) for training only decomm. Feb 12. FLD Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

NORTH POMPANO OLF (POMPANO)-CLOSED-no facs. (1-24)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. No Army maintenance Sats and Suns and from 1700 to 0800 daily. (10-9). Radio controlled target ship in Pinecastle area 6 mi S of Orlando 0800 to 1200 daily Mon thru Fri. (7-1)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. (2-11)

**PENSACOLA AIR PARK-New fld. Lat 30-28-45, long. 87-15-15. (1-13). See page 128.

PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg ltd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts: use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 341° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. Rnwy numbers and center lines being repainted thru Mar 31. (2-10)

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

PINELLAS CO. MASTER ARPT (ST. PETERSBURG)-RADIO: About Feb 24, transmitting freq of CAA twr will be changed to 317 kcs. (2-11). 118.3 mc transmitter unreliable. (1-20)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).

**RIDDLE FLD (CLEWISTON)-Perm closed. (2-16). See page 136.

**SADDLEBUNCH KEY-Rocket strafing in vicinity, conducted under CFR conditions from max alt of 2000'.

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

**TITUSVILLE-Bombing and strafing target #3 estab 7 mi E with a radius of 3 mi centered at lat 28-36-30, long. 80-39-15

**VERO BEACH-Strafing target estab 20 mi W with a radius of 3 mi centered at lat 27-40-30, long. 80-46-05.

VERO BEACH NAS-Closed to all civil. trans acft. (1-29)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)

✈WHITING FLD NAS-SOUTH (MILTON)-RADIO: Navy twr decomm. (2-11).

WITHAM FLD (STUART)-Use rnwys only. (2-12)

ALBANY ARPT-Use rnwys only. (11-8)

ALMA ARPT, SITE 43, MM-AG-40' hangar under const N edge NW/SE rnwy. (11-16)

**ASBURY ARPT (DAWSON)-ABANDONED. (2-13). See page 132.

**ATHENS ARPT-Lgts on prior req. No floodlgts. (1-16). See page 125.

ATLANTA ARPT-RADIO: Middle mrkr of CAA ILS lctd 3600' SE of SE end NW/SE rnwy, keyed with alternate dots and dashes will be comm soon. Outer mrkr will be relctd 4.5 mi SE of SE end NW/SE rnwy. Jonesboro compass lctr being relctd to outer mrkr site. (1-29) FLD: Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. (2-13)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

GLYNCO NAF-LTA-RADIO: Navy twr temp closed, operates on call on one hrs notice. FLD: Tetrahedron temp rmvd. (10-11)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

**JACKSON INT, 57, MM-AG-Correct lctn: 33-14-30, long. 84-01-00. (2-6)

JONESBORO-RADIO: Compass lctr shut down for relctn at the outer mrkr site of ILS. (12-27)

KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32. (12-16)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

**RED DOG ARPT (COCHRAN)-Change Information Manual Page 25. Lat 32-27-29, long. 83-25-00. (2-7)

[redacted]

**RUSSELL ARPT (ROME)-This is still a Navy fld and will hereafter be carried as Russell OLF. (1-20). See page 105.
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
ST. SIMONS ISLAND-Overwater anti-aircraft firing approx 13 mi E will be conducted between Feb 22 and 26, within the following described area: N bndry lat 31-15-00, E bndry long. 81-00-00, S bndry lat 31-05-00; W bndry long. 81-10-00.
SOUTHER FLD (AMERICUS)-Use strips only-parked acft.
SPENCE FLD (MOULTRIE)-Use rnwys only. Rnwy lgts inop. (12-21)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
**TURNER #1 (ALBANY)-Correct lat 31-47-15, long. 84-02-30. (2-13)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10) FLD: Use rnwys only. Use Rnwys 14L,32R,22R,4L only.
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)

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BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail. for emerg use only. (5-7)
BOISE-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
BURLEY-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (11-19)
DU BOIS-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
GOODING-RADIO: MH and voice fac on 215 kcs and rcvg watches on 3105,4495,6210 3117.5 kcs, plus weather reporting services will be recomm about Mar 1. MH will oper on req only. (2-14)
GOODING ARPT, new-Use rnwys only-sod unsafe (erosion). (9-20)
GOWEN FLD (BOISE)-Use rnwys, taxi strips only-shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE of NW. Blinding cont operated 30 million candle pwr ceilometer 1000' NNW arpt bcn. (12-11)
IDAHO FALLS-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
MALAD CITY-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
**PARMA ARPT-Correct lctn: Lat 43-46-30, long. 116-56-15. (9-29).
POCATELLO-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24).
POCATELLO AAF-RADIO: Army air to ground stn temp inop. (2-10)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (11-5)
STREVELL-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs will be comm on 116.1 mcs. (2-9)

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ALBERTUS ARPT (FREEPORT)-Const. Use E/W strip only. (11-20)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (12-3)
CASEY ARPT-S 1000' N/S strip being graded. (10-31)
CHANUTE FLD (RANTOUL)-Ltd parking. (10-28)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed(const). (9-23)
CHICAGO ARPT-RADIO: Outer compass ltr of CAA ILS will be decomm soon and relctd at new site E of Hines Veterans Hospital, Maywood, Ill at a later date. (1-30). FLD: Equip. 32' E of W edge of 400' ramp in line with center of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at the NE corner of fld. Snow extension lgts 22' above grade on Rnwys 31L,36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. NE/SW rnwy closed, unlgtd. (parking area). Closed to trans Navy acft except on off. bus of acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before take-off. Hangar under const N side fld. Ctn when taxiing. (2-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office com S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (11-8)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (11-26)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (11-22)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-29)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET ARPT, SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
MARION ARPT-Ext train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
**MOLINE ARPT-Neon approach lgt lane NW end NW/SE rnwy flgt checked and placed in comm. 18' lgtd antenna erected 1000' S of N end N/S rnwy and 250' E of centerline N/S rnwy, (1-30). See page 32. 75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. (11-12)
RUBINKAM ARPT (HARVEY)-Reduced in size. Ditch marks E bndry. N,S,W bndrys unchanged. (11-12)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

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**ANDERSON-120' twr, with 2 red obst lgts, 6 mi SW, at junction of Hwys 67 and 9, comm Feb 12. (2-13)
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-RADIO: Army ILS (CAA type) decomm. (2-11)

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BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Fresh grade fld muddy when wet. (1-24)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
**BUNKER HILL ARPT-This is still a Navy fld and will hereafter be carried as Bunker Hill NAS (1-20) See page 69.
CAMPUS ARPT (BLOOMINGTON)-CLOSED (Muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Trans acft use rnwys only. (12-22)
EVANSVILLE ARPT, old-Use rnwys only. Equip. on fld days. (1-18)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn when landing or taking off. (1-14)
GOSHEN ARPT-Ctn during thawing weather. (1-17)
HULMAN FLD (TERRE HAUTE)- Use rnwys only (erosion). (1-16)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105, 4495, 6210, 3117.5 kcs, 126.18 mcs. Pilots desiring to make pra ctice runs should make arrangements thru Indianapolis Twr, Indianapolis Radio, or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind., 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclzr course keying "U" tone 3000 cycles temp inop. (11-22)
INDIANAPOLIS ARPT-RADIO: CAA ILS not monitored. (1-7) FLD: Use rnwys only-soft. No crash equip. Mil pilots register with registrar in Admin Bldg Lobby, trans acft at City Desk in Terminal Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. Tetrahedron being installed in triangle between NE/SW, NW/SE, E/W rnwys-temp uncontrollable. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (1-21)
McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)
MILROY INT, SITE 5, CC-CG-CLOSED (soft) (1-21)
MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (1-24)
MYERS FLD (FT. WAYNE)-CLOSED (soft during thawing weather). (1-27)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail. with ctn. (1-23)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Continue to taxi straight to end of fld then taxi to within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Left traffic pattern. Const areas mrkd. (1-21)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Ltd svcg facs trans acft. Crash equip, base opers avail. 0800 to 1700. Lgts on prior req. (1-20)
TERRE HAUTE-RADIO: Voice communications, rdo rcvg watches, teletype service and weather reporting facs relctd from Paul Cox Fld to Hulman Fld. (2-7)
TRI-STATE ARPT (ANGOLA)-N/S strip closed to trans acft. (1-26)
WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (2-17)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

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AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. Soft in wet weather (11-5)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER AIRPARK-Strip rough and rolling. (5-22)
HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, gradfd. (1-18)
MASON CITY ARPT-Landings and take-offs rstd on sod rnwys W of Admin. Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)
OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. (2-10)
WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

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ALLMAN ARPT (LENEXA)-Use strips only. (9-12)
BEECH ARPT (WICHITA)-Use rnwys only during damp weather. (11-4)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
CHANUTE ARPT-Bcn inop. Equip. on S side taxi strip E side of hangar, mrkd (2-10)
**COFFEYVILLE AAF-Name changed to Coffeyville, mun #1. (2-11) See page 64.
**COFFEYVILLE, MUN ARPT- Name changed to Coffeyville Mun. Arpt #2. (2-11) See page 64.
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin. Bldg due to partially completed const on parking ramp. (1-17)
DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
FORT RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND-RADIO: VHF range oper suspended indefinitely (2-12)
GOODLAND ARPT-Rnwy sides soft when wet. (9-20)
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. (1-18)
HUTCHINSON NAS-CLOSED- no facs. (11-25)
INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (9-17)

[redacted]

KINSLEY ARPT-To be abandoned soon. (1-24)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
MORLAND-RADIO: VHF range oper suspended indefinitely. (2-14)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only - no facs.
OLATHE OLF NO. 4-Use in emerg only - no facs.
OLATHE OLF NO. 7-Use in emerg only. - no facs.
OLATHE OLF NO. 9-Use in emerg only - no facs.
SALINA-RADIO: VHF range oper suspended indefinitely. (2-12)
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on strips 12, 15; right traffic on strips 30, 33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. Closed 2000 to 0800 daily. (1-27)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (1-7)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA-RADIO: VHF range oper suspended indefinitely. (2-12)
WALDO-RADIO: VHF range oper suspended indefinitely. (2-12)
WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

[redacted]

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only. Red obst lgts NW end NW/SE rnwy inop. Const. (2-4)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Rnwy 4-22 only avail. (2-10)
GODMAN FLD (FT. KNOX)-RADIO: Army range now operating reliably, maximum pwr only 25 watts. (10-17) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr. prior notice. (12-26)
**GREATER CINCINNATI (COVINGTON)-1500' neon approach lgts S end N/S rnwy comm Feb. 11, 1947. (2-11) See page 69. Use rnwys, taxi strips only-sod portion fld soft. (1-31)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
**LEBANON ARPT-New fld. Lat 37-37, long. 85-17. (1-25) See page 69.
STANDIFORD FLD (LOUISVILLE)-Bndry, rnwy lgts inop. Tetra. unlgtd, free swinging.

LOUISIANA

★BARKSDALE FLD (SHREVEPORT)-RADIO: Army VHF DF stn now opers on 139.32, 140.58 mcs. (2-6) Army GCA sys avail for training only-trans on and gds: 126.18, 137.88, 140.58, 137.70, 134.10; transmits on 4690, 3475, 8640 kcs and gds 4495, 6210 kcs. (2-11) Army ILS (CAA type) temp inop. (1-15). FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct avail. (1-24)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land in area in front of Base only.
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
**HARDING FLD (BATON ROUGE)-Bcn burns during darkness and instrument conditions. (1-28) See page 121.

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HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop.
JENNINGS ARPT-Use strip only. Smudge post avail. on prior arrangements. Unlgtd pole lines S and E side fld. (1-23)
LAFAYETTE ARPT-Use rnwys only. (1-20).
LAKE CHARLES AAF-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS Operates during cloudy conditions. (12-17)
★LA PLACE-RADIO: FM coordinates: lat 30-03-40, long. 90-28-15. (2-7)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: CAA ILS resumed oper. These data rcvd too late to delete (A) symbol. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Equip. on fld days. Non-rdo equipped acft use extreme ctn. Closed to all Army acft except primary, basic and advanced (not inclg converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and auto-gyros. (11-9)
**SELMAN FLD (MONROE)-Effect Feb. 1, 1947 bcn will oper cont during hrs of darkness, all other lgts will be placed on an on-call basis. Obst lgts on hangars and poles W side of fld resumed oper. (1-30) See page 101. Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (11-8)

MAINE

AUGUSTA ARPT-Rnwys 3-21, 12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (1-15)
★BRUNSWICK NAS-RADIO: Oper of former Navy range has been assumed by Aeronautical Radio Service Inc. for Northeast Airlines. (1-28) FLD: Closed to all but off. flights (caretaker status - no facs).
DOANES ARPT (BREWER)-Avail. only ski-equipped acft during winter. (1-6)
DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)
★DOW FLD (BANGOR)-RADIO: Army twr now gds 3105, 4495, 6210 kcs., 126.18 118.7 mcs. These data rcvd too late for inclusion on Data Page. Approach control no longer avail. (2-13) AACS, ground to air stn now in oper (137.88, 116.1, and 140.58 mcs.) (2-6) FLD: E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest true heading rather than mag. heading. (12-10)
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only- safety strips soft. (11-13)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.

MILLINOCKET ARPT-NW/SE rnwy closed from intersection to NW end. Bndry and ctc lgts relctd accordingly. (12-10)
NORRIDGEWOCK ARPT-CLOSED - use in emerg. only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (11-12)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-18)
PORT OF MAINE ARPT (S. PORTLAND)-Avail. ski-equipped acft only. (1-22)
PRESQUE ISLE AAF-RADIO: Army VHF DF stn inop, but avail. on 1/2 hr req. notice thru gnd/air or point-to-point facs. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 per cent at each freq. (2-17) FLD: Rnwy 16-34 closed. Ctc lgts Rnwy 1-19 inop. Obst lgts on two smokestacks 1/2 mi NE fld inop. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0600 to 1700 only. Obst lgts on Hangar #4 inop. (2-17)
RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-28)
SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)
WESTON FLD (MADISON)-Avail. emerg. only. (8-29)

★ANDREWS FLD (CAMP SPRINGS)-RADIO: Army GCA fac transmits on 3475,4890, 6640 kcs., guards: 3105,4495,6210 kcs. Transmits on and gds. 116.1,126.18,137.88, 140.58,137.70,134.10 mcs. (2-11)
BALTIMORE ARPT-No crash equip ngts. Boats with 120' masts anchored in harbor S and W of fld. Smoke stacks N and SE. Rdo rqrd between sunset and sunrise. (2-4)
BALTIMORE MUN. SEAPLANE BASE-Land at own risk (floating logs and debris). Control launch and other services not avail. commercial operators except by prior arrangement with BOAC. Ctc Baltimore Twr for landing pattern. (2-4)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
EDGEWOOD ARSENAL FIELD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. OR PRIOR PERMISSION FROM CO. Closed Sat. and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penna RR. High alt bombing E and S. Stay on concrete. (2-20)
ERCO ARPT (RIVERDALE)-Gen. fld const, however, one strip always avail. (9-20)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (10-5)
HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (9-20)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-N/S rnwy closed (const). NE/SW rnwy and black-topped taxiway avail-unsuitable for acft heavier than twin-engined type. (10-8)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
**MIDDLE RIVER NAF (BALTIMORE)-No Navy activity, will be carried as Middle River Seaplane Anchorage. (1-20). See page 144.
**PATUXENT RIVER NAS-Hi-intensity approach lgts comm. See page 76. Taxi strps strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches, equip. adj taxiway parallel to Rnwy 2-20, ditches adj Rnwy 9-27, mrkd. Equip. on fld. Rnwy 9-27 being repaired. (10-14)
PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. No maintenance or RON. Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld; firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)
SALISBURY-RADIO: VHF range will be comm at lat 38-19-22, long. 75-24-59. Freq. 109.1 mcs. Ident. "FY". Visual courses: 42°,222°, Aural courses: 132°,312°. Var. 8° W. Class: VARW.
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. E/W rnwy closed ngts. Use rnwys only until Mar.15-high snow banks. (3-11)
BEDFORD AAF-Two or three 435' twrs 3.5 mi SW (245° true) completed. Temp lgtd with 1000 watt non-flash lgts. (11-2)
BOWLES ARPT (AGAWAM)-CLOSED DURING WINTER. (2-12). These data rcvd too late for (R) symbol.
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr & fish processing plant has been estab. approx 5 mi SE Provincetown at lat. 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay
DEDHAM-RADIO: FM figt-checked Feb. 3, oper normal.
**EDGARTOWN-Rocket firing range with a 2 mi radius centered at lat 41-20-48, long. 70-31-30 is discont.
★FRANKLIN-RADIO: Ident of FM on SW course of Boston Range changed to three dots three dashes (. . . - - -) (2-3)
GRAFTON ARPT (NORTH GRAFTON)-Closed to heavy acft (muddy) (1-31)
GREYLOCK ARPT-Temp closed. (1-27)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intmtly day, ngt. Floodlgts and wind tee rmvd. Equip on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16) Landing and dockage fees in effect as follows: Acft under 10,000 lbs. $3.00; more than 10,000 lbs. and less than 27,000 lbs. $6.00; 27,000 lbs. or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Mgr and pay fees. Pilots will be denied clearance until fees are paid.
MANSFIELD ARPT-Open week-ends only. (2-3)
MARLBORO ARPT-Fld not maintained-avail. emerg. use only. (9-9)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)
MYRICKS ARPT-Wires on S end N/S strip. (11-20)
OTIS NAAS (FALMOUTH)-Use in emerg only (caretaker status-no facs)
PITTSFIELD ARPT, SITE 3B, AZ-BW-Landing according to wind sock. (8-27)
**PLYMOUTH OLF-Lat 41-54-00, long. 70-43-25. (1-20). See page 45.
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (1-2)
SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat. (11-15)
SPRINGFIELD ARPT-Lgts inop. (6-24)
★SQUANTUM NAS-RADIO: Feb. 14, the NE course of Navy range realigned to 260° and the SW course to 46°. Courses ground-checked only. FLD: Unlgtd 100' boom on lighter at bndry due W between Rnwys 2,8. Equip. at bndry. Fld avail. 0800 to 30 mins prior to off. sunset. (8-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29)
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)

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★WESTOVER FLD (CHICOPEE FALLS)-RADIO: Weather minima for Army OCA sys: Day 800', 1 mi. ngt 800', 3 mi. (2-13) Army OCA fac oper on channels C (137.88) and D (140.58) mcs. (2-5) Army ILS (SCS-51) glide path, inop (2-13) FLD: Following procedures normally to be carried out on IFR South-bound inbound flights to Westover Fld: Boston ATC will be contacted over Portsmouth, N.H., intersection (Portsmouth intersection is N leg of Grenier Range) for further clearance acft will proceed to a point over Grenier Fld range stn for further clearance by Boston ATC to Gardner intersection (Gardner intersection is the intersection of NE leg of Westover range and NE leg of Boston range) acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing letdown procedures as disseminated from Westover Fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control all instructions will be followed which are transmitted by Westover approach control. (11-10)

MICHIGAN

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow) (1-10)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. (11-14)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FLD (PORT HURON)-Use strips only. (6-25)
BISHOP ARPT (FLINT)-Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. 160' water twr under const. 1-1/4 mi NE, unmrkd. (8-15)
★CADILLAC-RADIO: MH fac, weather reporting and teletype services recomm Feb. 6. See page 16.
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft-tel taxi strip being cleared of trees and brush. Other strip serviceable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of center line of approach. (12-3)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (6-24)
CAPITAL CITY ARPT (LANSING)-Use only rnwys, new N/S strip. Strip closed ngts. Equip. on fld days-acft parked W side fld E of apron. (9-20)
DALTON ARPT (FLUSHING)-N/S, E/W strips unusable. (11-13)
DETROIT CITY ARPT-Inbound acft required to have rdo rcvrs. (10-22)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Sides and ends of strips soft. (5-10)
EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (11-15)
FORD ARPT (DETROIT)-CLOSED. Avail emerg use only. Use rnwys only. (8-14)
FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (10-22)
JAMES CLEMENTS ARPT (BAY CITY)-Closed ngts. Heavy acft use rnwys only. (7-20)
JERETT ARPT (MASON)-Strips mrked with yellow mrkrs. (12-14)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (11-9)
LAPEER ARPT-Hangars under const. Use strips only. E/W, N/S strips being widened. (7-13)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. (11-15)

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MACKINAC CO. ARPT (ST. IGNACE)-Avail. ski-equipped acft only. Rnwys plowed upon req. (12-30)
McKINLEY ARPT (FRASER)-Closed except to lgt acft in dry weather-soft. (4-26)
MT. PLEASANT ARPT-Strips soft in wet weather. (3-16)
MUSKEGON-RADIO: Range flgt-checked Feb. 11, courses correctly aligned.
MUSKEGON CO. ARPT (MUSKEGON)-Use rnwys only-rough. (9-20)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PRICKETT FLD (SIDNAW)-Unusable - under const. (6-25)
★SAGINAW ARPT-Rot. bcn avail. on req. (2-11)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13) Use strips only. (9-26)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (9-20)
★SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army ILS now oper cont. (2-10)
SKYHAVEN ARPT (SAGINAW)-Use strips only. Avail. lgt acft only when wet. Right traffic when landing, S, SW and W. Left traffic N, NE and E. (11-12)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (7-10)
TRAVERSE CITY ARPT-Only E/W rnwy open ngts. All other rnwy lgts obscured. Obst lgts S end N/S rnwy inop. (2-8)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wheel-equipped acft land at own risk. No snow removal equip. Fone 9277 for further info. (1-7)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail days only. (8-14)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. Apron base and loading gates under const, mrkd. (12-4)

MINNESOTA

APPLETON ARPT-Use rnwys, taxi strips only. (11-20)
BENSON ARPT-Use ctn on newly seeded areas in thawing weather. (12-8)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. (6-28)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Temp closed (const). (6-17)
★FLEMING ARPT (SOUTH ST. PAUL)-This is still a Navy fld and will hereafter be carried as Fleming OLF. (1-20) See page 13
FLYING CLOUD ARPT (MINNEAPOLIS)-Const. (12-17)
MANKATO ARPT-Use strips only. (5-16)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Const. Temp rnwys avail. Equip. on fld intmtly. (10-11)
ORTONVILLE ARPT-Temp closed (const). (6-20)
ROCHESTER ARPT-RADIO: About Feb 25, rcvg watch on 126.18 mcs will be discont at CAA twr. Will gd 3105, 4495, 6210, 3117.5 kcs., 118.7, 122.5 mcs. (2-11)
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New rnwys avail. ski-equipped acft only. Ctn in thawing weather. (1-7)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough.
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Avail. ski-equipped acft only. (12-21)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flts. Ltd maintenance facs, no overngt parking facs for mil. acft.

MISSISSIPPI

AUGUSTINE FLD (JACKSON)-Use strips only-parked acft.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
★COLUMBUS AAF-RADIO: Army air to gnd stn now in cont oper on 137.88, 116.1, 140.58 mcs. (2-13) FLD: Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)

MISSISSIPPI

GULFPORT MUN. ARPT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
JACKSON ARPT-Rnwys 2-20, 16L-34R closed. (1-10)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Flsodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop glide path bldg 1000' from end of Rnwy 36 and 400' E of center of rnwy inop. Bndry lgts W side fld, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop. (2-14) Rdo Stn WTOK erecting 180' twr 5 mi NE, lat 32-22-46, long. 88-40-04. (9-7)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
McCOMB ARPT-West 1/3 of E/W strip unusable. (9-30)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (11-7)

MISSOURI

BAILEY'S ARPT (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (9-18)
CHILLICOTHE INT, SITE 7, EC-CO-In wet weather use rnwys only. Sod areas slightly rough. (10-21)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use stripe only - parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only - parked acft.
INDEPENDENCE ARPT-N/S strip avail., bal fld closed (grading). (6-25)
JEFFERSON CITY ARPT-E/W, N/S stripe avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45,C78.
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (10-10)
KANSAS CITY ARPT-RADIO: Glide path and bndry mrkr temp inop until perm reler recomm at a later date. (11-14) FLD: CLOSED TO ALL ARMY ACFT EXCEPT IN EMERG-USE FAIRFAX FLD. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lstd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. Obst lgt atop dike and on the extension of center line of N/S rnwy. (1-20)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (11-22)
KIRKSVILLE ARPT-CLOSED UNTIL SPRING. Emerg use only. (11-13)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Soon, CAA twr will discont transmitting on and guarding 142.74 mcs. (1-30) Low clearances observed in blue and yellow sectors of ILS. (10-8) FLD: Closed to non-rdo equipped acft. Equip. on fld. Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. (1-9)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (10-1)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status - no facs).
NEW FLORENCE-RADIO: Soon, MH fac will be shut down, pwr will be increased to 50 watts. Class will be BH. (1-31)
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
★ROSECRANS FLD (ST. JOSEPH)-RADIO: CAA twr now transmits on 278 kcs, 126.18, 118.7 mcs. (2-6) FLD: Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strip. (9-19)

MONTANA

BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUT BANK ARPT-Ctc lgts avail. on req. (11-28)
DILLON-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)
GREAT FALLS ARPT-150' twr of Rdo Stn KXLK being erected 3 mi NE (60° true). obst lgtd. (1-6)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20, 16-34 only. (12-6)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry (10-21)
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (11-13)
MILES CITY ARPT-Bndry lgts inop. (2-2)
MISSOULA CO. ARPT (MISSOULA)-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (11-13)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: During winter months, range will be operated intmtly on
★ reduced pwr - courses unreliable (ice on loops)(11-3) VHF voice fac comm at common stn Feb 10. Transmits on and gds 116.1 mcs cont. See Page 4.
POLSON ARPT-Usable with ctn. (7-19)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of stripe in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using.

NEBRASKA

AINSWORTH MUN. ARPT-Use rnwys only. (10-27)
CLAY CENTER ARPT-Use stripe only. (5-19)
CLEAR RIDGE ARPT (OMAHA)-Use stripe only. (9-26)
ELGIN ARPT-Hay stacks on fld. (12-3)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (11-15)
GRAND ISLAND-RADIO: About Mar 3, range freq will be changed to 263 kcs.
GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27) FLD: Ctc Grand Island Rdo between 1700 and 0800 for landing. Refueling 0800 to 1700 only.(12-3)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No Opers office.(1-29)
LEE BIRD FLD (NORTH PLATTE)-Army acft rstd from refueling except in extreme emerg. (10-9)
★LINCOLN-RADIO: Attention signal comm Feb. 13.
LINCOLN ARPT-Priv acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)
McCOOK AAF-NW/SE rnwy avail. only. (2-3)
★OMAHA-RADIO: Stn now gds 3105, 4495, 6210 kcs, 116.1, 122.1 mcs. These data rcvd too late for inclusion on data page. (2-15)
★OMAHA ARPT-RADIO: CAA twr now transmits on 278 kcs, 118.5, 126.18 mcs. (2-16) These data rcvd too late for inclusion on data page and chart.

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Soon, oper of outer mrkr of CAA ILS will be temp suspended for installation of low freq compass lctr. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)

**REPUBLICAN CITY ARPT-New fld. Lat 40-05, long 99-16. (1-11) See page 29

SIDNEY INT, SITE 50, SL-CH-E/W strip avail., bal fld rough. (9-20)

[redacted]

BATTLE MOUNTAIN-RADIO: Range flgt-checked courses correctly aligned. 116.1 mc transmitter and rcvr temp inop. (2-10)

BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intmtly. (1-10)

BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (10-8)

CRYSTAL-RADIO: Crystal FM will not be discont, as previously advertised.

DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)

★FALLON-RADIO: Feb 1, all commun, weather reporting service and rdo rcvg watches discont. Range remains in cont oper without voice.

**FALLON ARPT-This is still a navy fld and will hereafter be carried as Fallon NAS. (1-20) See pages 21, 52.

FALLON NAS-Closed except in emerg. (9-27)

FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due wind erosion, soft sand, mrkd. (11-27)

**GABBS INT, SITE 36, RV-MD-All lgt facs discont Jan 31, 1947. (2-1) See page 52.

HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd.

LAS VEGAS-RADIO: Range flgt-checked Feb 7, courses correctly aligned. VHF range will be comm, soon at lat 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident "LQ" Courses: Visual, 29°, 209°. Aural, 119°, 299°. Mag. Var 16° E. Simult voice channel and receiving watches (3117.5 kcs, 116.1, 131.7 mcs) avail. 24 hrs daily. Stn class: VAR-VDT (12-10) Commissioning of Mormon Mesa, Nev., FM indefinitely postponed. (2-12)

**LAS VEGAS AAF-No svcg. (2-3). Class: 65h FB I6. See page 53. These data rec'd too late for inclusion on data page and flight planning charts. Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-7). These data rcvd too late for ⓪ symbol.

MINO-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-31)

SCOTTS INT, SITE 22, RV-MD-All lgt facs discont Jan. 31, 1947. (1-31) See page 52.

TAHOE SKY HARBOR ARPT (KENOA)-Trans or inexperienced pilots avoid using.

★TONOPAH-RADIO: Feb 1, commun, weather reporting service and rdo rcvg watches discont. Range remains in cont oper without voice.

TONOPAH AAF-RADIO: Army air to gnd stn inop. (2-13)

YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

NEW HAMPSHIRE

BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-offs and landings made toward NW. 34' hangar under const adj to bldgs S border fld. Avail. ski-equipped acft only.

BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)

CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)

DEAN MEMORIAL ARPT (HAVERHILL)-New stripe dangerous when wet. (11-21)

GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (1-20)

HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)

[redacted]

LAKES REGION ARPT (WOLFEBORO)-CLOSED (const). Grass strip avail. in emerg. (11-18)

LANCASTER ARPK-New surface dangerous when wet. (11-21)

LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (11-21)

NEWPORT ARPT-60' trees N end N/S strip. (10-9)

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ATLANTIC CITY-RADIO: VHF range operating on test basis only.

ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)

BENDIX-RADIO: Tests of exper equip. will be conducted on freqs of 108.5, 109.3, 110.1 mcs.

CALDWELL-RADIO: Soon, VAR range will be comm at lat 40-50-45, long. 74-23-00. Freq 109.1 mcs. Ident. "NU" Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (2-5)

CAPE MAY COAS-Closed to trans acft except in emerg (caretaker status - no facs)

CARTARET-Bcn, side lgts inop on twr Rdo Stn WOR. (7-24)

COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (8-2)

LAKEHURST NAS-Rnwy tests in progress days. (11-19)

LAKEWOOD ARPT-N/S strip under const. (10-15)

LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S.(1-29)

LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

★MATAWAN-RADIO: Range recomm Jan 23, lctd at lat 40-22-09, long. 74-13-09. Freq. 108.7 mcs. Ident "MT" Aural courses: 134°, 314°; visual courses: 44°, 224°. Class: VARW. Bear. and dists: 43°, 33 mi to La Guardia Fld; 18°, 23 mi. to Newark Arpt; 60°, 23 mi to Floyd Bennett Fld.

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MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24).
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Ctc lgts E/W rnwy inop. (2-7)
NEWARK-RADIO: Following repairs, courses aligned by ground check only.(2-11
**NEWARK ARPT-Hi-Intensity instrument approach lgts comm. Feb. 10, 1947. Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on Rnwy. No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 closed. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. (2-8). To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks ltd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7).
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (10-28).
★TETERBORO AIR TERM (BENDIX)-RADIO: Priv twr now transmits on 326 kcs.(2-13) FLD: Const. Pilots using fld do so at their own risk. Rdo revrs rqrd all acft using fld. Unsurfaced taxiways muddy. (1-30)
**TETERBORO, BCN SITE 1, LG-UL-Feb. 12, course lgts changed from clear to green flash. dot dash dash. (2-11).

[redacted]

★ALAMOGORDO AAF-RADIO: Army range inop. Army twr now oper. 0730 to 2400 (2-17) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. (2-17)
ALBUQUERQUE ARPT-Used by RFC. Avail. obly for delivery surplus acft this fld, prospective purchasers of surplus acft or parts, or in emerg.
B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme ctn. Heavy equip. on fld. (12-24).
CARLSBAD-RADIO: Courses aligned by ground check only. (2-4)
CLOVIS AAF-RADIO: Army twr and ILS temp inop. (1-21). FLD:No opers office.
CONDON FLD-See notice under White Sands Proving Ground, N.M.
CREWS FLD, SITE 42, EO-PU-(RATON)-CLOSED (const). (4-29)
GALLUP ARPT-E/W rnwy closed. (5-4)
GALLUP CITY FLD-ENE/WSW strip under const. (5-7)
HOBBS AAF-Rnwys 3-21, 12-30 closed. (2-4)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only.(7-21)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
★KIRTLAND FLD (ALBUQUERQUE)-RADIO: VHF/DF stn now in cont oper. (2-4) CAA ILS flgt-checked Feb 7, oper normal.
LAS VEGAS ARPT-Use rnwys only-bal fld unsafe. (11-13)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)

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ROSWELL-Inten inst train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AFF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg.
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condon Fld. When Condon Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by radio prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14).

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ALBANY-RADIO: Range flgt-checked Feb 4, courses correctly aligned.
★ALBANY ARPT-RADIO: CAA twr now transmits on 278 kcs, 118.3 mcs. See page 44 FLD: Equip. on fld intmtly. (11-13).
AMSTERDAM ARPT-Avail. ski-equipped acft only. (1-14)
BALLSTON SPA ARPT-Avail. ski-equipped acft only. (2-13). These data revd too late for ⓐ symbol.
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (11-8).
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. 70' unlgtd smokestack W bndry fld between E/W and NE/SW rnwys. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, unlgtd. Projects 4' above obst lgts on lclzr bldg. (2-1).
**CARPET CITY ARPT (AMSTERDAM)-Name changed to Amsterdam arpt. (1-14) See pge 44.
CHEMUNG CO ARPT (ELMIRA)-Gliding and soaring over fld and venty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (11-17).
CLASON'S POINT-RADIO: See La Guardia. LFM temp inop. (1-8)
CROTON AIR APRK (PEEKSKILL)-Hangar under const. (6-11)
★FLOYD BENNETT FLD NAS (NEW YORK)-RADIO: Feb 15, Navy twr freq changed to 388 kcs, 142.74 mcs. Navy compass lctr comm on 532 kcs. Simultaneous twr compass lctr services on 440 kcs discont. (2-15) FLD: closed 1700 to 0800
FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough(10-31
**FULCO ARPT (JOHNSTOWN)-New fld lat 42-59-30, long 74-20-15, (1-11) See page 44.
GLENS FALLS-RADIO: Soon, MHW fac will be decomm and reletd to the Warren Co. Arpt, 2.5 mi NE of Glens Falls, lat. 43-20-38, long 73-36-20.(1-31)
GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. NE corner fld unusable-soft area mrkd. Closed to all acft above 250 HP. (11-25)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FIELD (ROCHESTER)-Use strips only -caution when wet. (5-18)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole (1-13)
IDLEWILD ARPT-Temp pavement on Rnwys B-(N/S) and C (NE/SW) being removed with trenches across rnwys presenting extreme hazard even in emerg. Not yet opened-const. (10-15).
ISLIP-RADIO: VAR range will be comm soon, at lat 40-50-30, long 72-57-57 freq 108.3 mcs. Ident "IP" Visual courses: 61°, 241°; aural courses: 151°, 331°. Var 12°W. Class: VARW.
ITHACA ARPT-Right traffic pattern in use. (8-3).

KINGSTON-ULSTER ARPT (KINGSTON)-RSR/WNW strip closed. (3-20)
LA GUARDIA-RADIO: About Feb 18, weather permitting, the new La Guardia Range at Clason'S Point will be avail. for pilot familierization of the req of an operator, or pilot, providing air traffic conditions permit when ceiling is 7000' or better and visibility 5 mi. or more. When the new range is turned on the old La Guardia range will be turned off. Coordinates of new range:lat 40-49-11, long 73-50-33. Freq. 209 kcs. Ident. "LG". Bear. & dist, stn to La Guardia Fld: 222°, 3.2 mi. Courses will be; 42°,129°,222°,273°. Stn class: SBRA2-DTV. VHF voice fac will transmit on 116.1 mcs. Stn will guard: 3105,4495,6210,3117.5 kcs., 116.1 mcs. Clasoh's Point LFM will be decomm. FM will be comm at New Rochelle, N.Y., at lat 40-53-17, long 73-47-19, on NE course. Bear. & dist, range stn to FM; 42°,5.6 mi. Idant. one dash. These facs, outer mrkr on CAA ILS La Guardia Fld will be comm simultaneously. (1-14).
★LA GUARDIA FLD (NEW YORK)-RADIO: Outer mrkr of CAA ILS relctd 4.5 mi SW of SW end of NE/SW rnwy at lat 40-42-52, long 73-55-47. Will be comm soon, now avail only for pilot familerization, pending comm. of Clason's Pt. facs. CAA twr now transmits on 362 kcs, 116.1, 126.18,118.1,118.7 mcs. (2-14)
FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. or with C-in-C Eastern Sea Frontier or Hdqs 3rd Naval District when ROW or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts stop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. Truck and 30' crane NW corner fld adj to rnwys days. Ditch N end approx 400' off W side Rnwy 4-22 parallel to rnwy. Area from end of Rnwy 18 to intersection of Rnwy 9-27 being graded days. 40' GCA truck. and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (1-21).
LONG MEADOW ARPT (REXFORD)-Avaib. ski-equipped acft in emerg only. (12-27)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy cen terline, lgtd. Acft use ctn-unconventional flight test oper. (11-18)
MALONE-DUPORT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)
MASSENA-156' twr Radio Sta WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300mm flash. beacon atop and four side lgts; two at 1/3 level. 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (6-11)
★MITCHEL FLD (HEMPSTEAD)-RADIO: Army GCA fac transmits on 3475,4890,6640 kcs, gds 3105,4495,4765 kcs. Transmits on and gds: 116.1 (channel A); 126.18 (channel B); 137.88 (channel C); 140.58(channel D); 137.70(channel G); 134.10 (channel H). Hrs of oper: Cont during IFR; GCA practices 0900-1130 and 1300-1630 during CFR daily; or avail upon req during CFR within 40 minutes. Weather minimum: 500'-1(2-11) Army ILS (CAA type) temp inop. Army VHF DF stn now in cont oper.(2-17) FLD: Rnwy 18-36 closed. (12-18).
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEWARK INT, SITE 27A, CV-AZ-fld and lgts will be discont Mar. 1. (2-17)
★NEW HACKENSACK-RADIO: CAA range comm Jan 24, at lat 41-33-00, long 73-51-54. Courses: 28°,94°,193°,272°. Var. 12°W. VHF voice fac comm at common stn. Transmits on and gds 116.1 mcs cont.
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long 75-52-34. Elev 261' MSL. (11-25)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat. and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long 73-15; to lat 40-49, long 72-30; to lat 40-00, long 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 150:
NEW YORK-SPECIAL NOTICE-RADIO: See Laguardia Radio;
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy close (tall stakes being driven into sod). Army acft ratd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30).
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days.
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24.(1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9).
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E.(11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn.
SMITHPORT INC. (UTICA)-Hangars under const. (10-14)
STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. range.
STEWART FLD (NEWBURGH)-Pilots unfamiliar with Stewart Fld let-down procedure will not be cleared this fld under actual inst conditions. Final approach under these conditions will be made on SW leg Stewart Fld range only.(8-5)
SYRACUSE ARPT-Turf areas soft after heavy rains. (9-10)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy.(6-11)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn lgt burning but not rot. (2-12)
WATERTOWN-RADIO: VHF range will be commissioned soon. Lat 43-57-08, long. 76-03-52,3.15 miles,48 degrees mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. Ident."WB". Visual courses: 64-244, Aural courses: 154-334. Var. 12°W. Blue sector in N. hemisphere. Stn Class: VARW. (1-15)
WATERTOWN ARPT-Installing lgts. Land, taxi with ctn-holes along rnwy edges.
WESTCHESTER ARPT INC (ARMONK)-Const, tree removal equip on fld. (8-16)
WESTCHESTER CO. ARPT (WHITE PLAINS)-Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S, E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. (12-31).
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

NORTH CAROLINA

**ASHEVILLE-Four 320' twrs of Rdo Stn WWNC erected at Enka, N.C., 3 mi W of Asheville, lgtd according to specs. (2-7).
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No etc lgts installed on NW/SE rnwy approach all rnwys with ctn, equip on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.

BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-CLOSED (equip). (11-25)
CANNON AIRPORT (CHARLOTTE)-Surplus Acft Sales Center - parked acft.
CHARLOTTE-RADIO: Courses ground-checked only. (2-8)
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with caution. (11-20) FLD: Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FAIRCHILD-CIVIL ARPT (BURLINGTON)-Use rnwys, taxi strip only. No fld facs. (3-29)
FORT BRAGG-Heavy firing is being conducted in all sections of Fort Bragg danger area up to 20,000 ft. All acft must avoid this area shown on Flight Planning chart 110 herein. Inten train. days with radio control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
★GREENSBORO-RADIO: Stn now gds (3);116.1,122.1 mcs. (2-5)
GREENSBORO-HIGH POINT ARPT (GREENSBORO)-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (12-5)
HICKORY-RADIO: VHF rng operating on experimental basis only.
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
LEXINGTON ARPT-Ctn-strip rolling. (10-1)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
••PAULS AIR PARK (THOMASVILLE)-New fld. Lat 35-48, long 80-01. (2-3) See page 109.
POPE FLD (FORT BRAGG)-RADIO: TLS (SCS-51) temp inop. (12-23) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
★RALEIGH DURHAM ARPT-RADIO: CAA twr comm Feb 13. See page 109. FLD: •• Control twr const completed and lgtd. (12-3) ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S center line and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Const on ramp in front Admin Bldg, lgtd. (2-3)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
THOMASVILLE ARPT-Ctn strip rolling. (10-2)
WARRENTON INT, SITE 46, JX-RW-Unsafe heavy acft (soft). (1-31)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft daylgt hrs; ngts by prior arrangement or in emerg. (9-3)

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BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)
CHANDLER AIRPORT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)
DICKINSON MUN. ARPT-Three 15' hay stacks along E bndry fld. (1-16)
FARGO ARPT-HECTOR FLD (FARGO). Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (12-17)
GRAND FORKS ARPT-50' const booms adj to NE corner fld, lgtd ngts. (11-21)
PEMBINA INT, SITE 14A, FO-WG-N/S rnwy avail. ski-equipped acft, bal fld closed. Equip. on fld days. (1-26)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-strips soft. Use rnwy during thaws. (12.15)

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AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
••BETHEL ARPT-Correct location: lat 38-57-30, long. 84-04-00. (1-13) See page 69.
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N,W and SW. (11-24)
BROOKFIELD ARPT-Avail. lgt acft only. N/S strip under const. (4-21)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE). NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (11-27)
CEDAR LAWN AIRPORT (KENTON)-Use strips only. (6-26)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED (soft). (1-15)
CINCINNATI ARPT, INC; (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. (12-16) Three 200' twrs 10 mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. (11-30)
CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 71. (1-22)
CONNEAUT AIRPORT-Use mowed strips only. (6-4)
DAYTON ARPT-Use rnwys only at ngt. Equip. on fld. For remainder of winter two 30'' cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. (12-28)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
••FINDLAY ARPT-Bldg NW of fld completed and perm obst lgtd. (12-1)
GRIESER AIRPORT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (11-23)
LANSDOWNE ARPT (GREENVILLE)-Equip on fld intmtly. (8-12)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
LORAIN CITY ARPT (LORAIN)-Water main being run thru the SW corner of fld, temp shortening NE/SW strip to 1800'. (9-27)
★LUNKEN ARPT (CINCINNATI)-RADIO: CAA twr now transmits on 227 kcs, 118.7 mcs. (2-8) FLD: Fast landing acft use ctn. Slightly rolling section Rnwy 6-24 Army facs ltd. (11-1)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)
MARION ARPT-Use only NE/SW; NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
MATHER ARPT (CLEVELAND)-Closed to trans acft except on special permission Const on 1000' NW/SE, 1100' NE/SW rnwys. (11-25)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN AIRPORT-Right traffic pattern taking off to S, SW and W.
NORWALK AIRPORT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (9-17)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE. (11-27)
PATTERSON FLD (FAIRFIELD)-RADIO: Army GCA sys inop being dismantled. (2-10) Army ILS (SCS-51) will be used for CFR training flgts and in emerg only. (2-17) FLD: Equip. on fld. (1-3)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (11-26)
PORT COLUMBUS-NAS (COLUMBUS)-30' portable twr on taxi strip W side fld, 800' S of E/W rnwy and 800' SW of NW/SE rnwy. (1-2)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off

in an easterly direction. Left traffic used all other times. (11-6)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots register in Opers Office upon arvl and dptr.(12-13)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. (11-27)
WELLINGTON ARPT-Right traffic on S and SW rnwys. (12-22)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FLD. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flights. Ltd maintenance. No quarters for trans crews. (10-22)
WYNKOOP ARPK (MT. VERNON)-Under const. (6-20)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (12-5)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (12-5)

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ALTUS AIRPORT-Avail. only for delivery surplus mil acft or in emerg. Equip on and near N/S rnwy. (12-13)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (9-13)
••BETHANY (OKLAHOMA CITY)-Name changed to Tulakes Arpt. (2-4) See page 97.
BOISE CITY ARPT-Emerg use only. (5-11)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overagt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (11-27)
★ENID AAF-RADIO: Army range and twr decomm. (2-10) FLD: Ltd parking facs. Use rnwys, taxiways only. (1-29)
GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (11-26)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm. (11-26)
HATBOX FIELD-MUSKOGEE AIRPORT (MUSKOGEE)-Use rnwys only - parked acft.
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (12-2)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (12-2)
••MUNICIPAL ARPT (BOISE CITY)-Will hereafter be carried as Boise City Arpt. See page 60.
NEWKIRK SKYPARK-NW/SE strip under const. (8-3)
NUCKOLS FIELD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (LAWTON)-Closed to all except liaison type acft. Ext const. Equip. on entire W half and NW portion fld. Closed ngts. Flash, bcn atop balloon hangar inop. Soft spots. Const on rnwys. 5000' rnwy under const. Bndry lgts inop. (1-14)
ROOSEVELT-RADIO: Dec 5, VHF range fligt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00, long. 99-03-48. Freq. 108.7 mcs. Ident "RQ". Visual courses: 53°, 233°; aural courses 143°, 323°.
SHAWNEE ARPT-Use rnwys, taxi strips only. (11-25)
★TINKER FLD (OKLAHOMA CITY)-RADIO: Army VHF DF stn now oper on 139.32 and 140.58 mcs cont, can furnish bearings to any acft equipped to transmit on VHF freqs of 98 to 156 mcs inclusive. Civil req for this service should be made thru Okla City rdo, Will Rogers twr, and Tinker Fld twr. (2-10) Army range reported unreliable for orientation and homing. (10-30)
TULSA ARPT-Pilots without radio watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. Const on Terminal Bldg ramp. Equip. on fld days, lgtd ngts. Svcg, crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (10-25)

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WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: Soon CAA ILS will be comm serving N/S rnwy with approach from S. Voice equipped lclzr will oper on 109.9 mcs. Ident. "OL". Glide path will oper on 333.8 mcs and will be lctd 1000' N of S end of N/S rnwy. Two mrkrs middle and outer will oper on 75 mc. Middle mrkr will be loc 3500' from S end of N/S rnwy on rnwy centerline keyed alt dots and dashes. Outer mrkr 4.6 miles from S end of N/S rnwy keyed two dashes per sec. (1-14) FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FIELD (ENID)-Use rnwys only. (8-5)

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BAKER ARPT-Use rnwys only. (1-29)
BEAVER MARSH INT,SITE 73, RV-ND-Avail. large acft with ctn-unsafe lgt acft. (12-10)
BEND ARPT (old)-Unusable. being cultivated. (1-22)
BLUE STAR ARPK (EAGLE POINT)-Hangars under const. (10-18)
CIVIL AIR PATROL ARPT (WORDEN)-CLOSED (muddy during winter months). (11-25)
EUGENE ARPK-N/S rnwy closed.-to be used as taxiway only. (9-13)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Grading in progress to widen and lengthen strips.(9-16)
★LA CENTER-RADIO: FM comm Feb 11. See page 1, 142.
LA GRANDE-RADIO: About Mar 1, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)
••MAHLON SWEET FLD (EUGENE)-Approach lgt lane commissioned (2-10) see page 1. Equip. on fld. Use rnwys only. (10-6)
MEDFORD AAF-Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (1-6)
PORTLAND AAB-Flash lgts on tetrahedron indicates suspension CFR flights. Ltd JP-1 fuel avail. Use rnwys, taxi strips only. (2-17)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry.(12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDAMHA)-Land to the E, take-off to W.(11-26)
TROUTDALE AIRPORT-Surplus Acft Sales Center - parked acft.
VALE ARPT-Hangar under const. (9-12)

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ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9, 14, 18 inop. (1-19)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.4 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (12-6)
BUCKSTOWN INT, SITE 12B, WA-CV-Fld and lgts will be discont Mar 1. (2-17)
••BUCKWOOD ARPT (EASTON)-Delete from Flight Information Manual, page 50. (2-13)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (11-27)

CARLISLE AIRPORT-NW/SE strip under const. Use ENE/WSW strip only. (6-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17).
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. (12-10)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. (11-28)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALEVILLE ARPT-Right traffic used on take-off in the direction of S by SE.
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (1-28)
HAPPI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT (HARRISBURG)-Use rnwys only. (12-5)
JOHNSTOWN AIRPORT-Use rnwys only. (7-1)
KAISER FIELD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (5-27)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extrems E end E/W strip-2 holes S end N/S strip, mrkd. (11-27)
MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MOUNT UNION ARPT-Left traffic 600' pattern. Student train. Land according to wind tee S end fld. Wind sock atop hangar. Use rnwys, taxi strips only in wet weather. Entire fld usable in dry weather. (12-2)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST-RADIO: VHF rng operating on experimental basis only.
PHILADELPHIA NORTHEAST ARPT (PHILADELPHIA)-Avail. radio-equipped acft.Use rnwys only. Equip. on fld intmtly days. Trans pilots must register in Admin Bldg on arvl and deptr. (10-15)
PHILADELPHIA SOUTHWEST ARPT (PHILADELPHIA)-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident, "PG". (12-31) FLD: Closed to non-radio-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (10-8)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. (12-11)
PITTSBURGH-BETTIS ARPT (PITTSBURGH)-Right traffic on NE and NW rnwys. (11-30)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (11-27)
READING ARPT-RADIO: CAA ILS comm Oct 9 on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on rnwys 13 and 18. (1-15)

SMILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)
STAR VALLEY ARPK (CHARLEROI)-Equip. on strip intmtly. Unusable in wet weather. (11-22)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (10-15)
VALLEY FORGE AIRPORT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const On take-offs to and landings from E or NE use right traffic tern; on W or SW use left traffic. (5-29)
VANDERGRIFT ARPT-Soft after hard rains. (2-4)
WEST CHESTER ARPT-Strips under const. (4-15)
WILKES-BARRE-WYOMING VALLEY ARPT (WILKES-BARRE)-Use rnwys only. (11-14)
WILLIAMSPORT-RADIO: Courses aligned by ground check only. (2-6) FLD: Closed ngts. Avail. emerg landings only. (10-4)
WILLOW GROVE NAS-Closed sunset to 0600. Equip. sides all rnwys days-lgts being installed. IFR inbound flights will be accepted daylgt hrs but no IFR outbound flights may be made. (2-11)
WINGS FLD (AMBLER)-NW/SE rnwy unusable (plowed up). Hanger const S side fld Fld being graded, mrkd days. (9-14)

CHARLESTON NAAS-RADIO: Navy GCA unit avail for training only. (2-13) FLD: Const. Low Alt formation break-up. Use ctn below 1000' Alts. Equip on Rnwy 4-22.
GREENE ARPT, THEODORE FRANCIS (PROVIDENCE)-Use rnwys only. (1-9)
PROVIDENCE-RADIO: About Feb 17, VHF range will be comm at lat 41-40-32, long. 71-50-49. Freq. 108.7 mcs. Ident. "PR". Visual courses: 59°, 239°. Aural courses: 149°, 329°. Var. 14° W. Class: VARW.

CHARLESTON MUN. ARPT-Use rnwys only.
CLARK FLD (CHARLESTON)-Strips rough. (4-15)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop.). (12-5)
GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)
**GREENVILLE-Rdo stn WESC 238' twr lctd 5 mi NW, lgtd. (2-11)
GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-rdo equipped acft watch twr for landing direction. Occasional heavy glider traffic. Maintenance 0630 to 1700 daily. (2-7)
**LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH.FLD: The teletype ident for this fld is now "CI" (2-15) Ltd army svcg 0800 to 1800. Ltd parking space. (12-23)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
★OWENS FLD (COLUMBIA)-RADIO: Feb 14, DT fac of CAA range relctd to Lexington Co. Arpt. FLD: The teletype ident for this fld is POF. (2-15) Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (12-5)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)
★SPARTANBURG-RADIO: VHF voice fac comm at commun stn Feb 11. Transmits on and gds 116.1 mcs cont.
WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flight plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

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ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld.
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (11-15)
PHILIP-RADIO: INSAC, MH fac, rcvg watches, weather reporting services and teletype facs will be recomm about Mar. 1. Freq 206 kcs, ident "IL". Fac will again oper on req. (2-13)
RAPID CITY AAB-RADIO: Army ILS temp suspended. (1-3) FLD: No svcg or opers 1900 to 0700 daily. (10-9)
**SIOUX FALLS, MUN ARPT-All rnwy lgts lgtd cont. during hrs of darkness. (2-2) See page 29.
SIOUX FALLS ARPT-Use rnwys only. Tetrahedron rnwd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (1-8)
W. W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Blinding 30 million candle pwr ceilometer 1000' NW bcn. (9-27)

[redacted]

BERRY FLD (NASHVILLE)-RADIO: Middle and outer mrkrs of CAA ILS will be decomm Feb 18, for approx 30 days for installation of compass ltrs. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD (CHATTANOOGA)-Intmt dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. Flood lgts SW end NE/SW, S end N/S rnwys inop. (2-11)
CORNELIA FORT AIRPARK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
EMBRY RIDDLE FIELD (UNION CITY)-Use rnwys only-parked acft.
KNOXVILLE-McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (10-3)
LEBANON AIRPORT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McKELLAR AIRPORT (JACKSON)-Use rnwys only-parked acft.
★MEMPHIS ARPT-RADIO: Middle compass lctr of CAA ILS comm Feb 12. See page 104. Outer mrkr compass lctr of CAA ILS comm Feb 8. See page 104. Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted Ltd facs. No 91 oct. (1-16)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000' Red rot. bcn indicates IFR. (2-8)
**NASHVILLE, PERCY WARNER PARK SITE 63, DL-LV, recommissioned at new lctn Feb 13, 1947, 36" rot bcn flash 6 clr and 6 red per min. Twr 51', approx 13 mi WSW of Berry Fld, Nashville Tenn. (2-13)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (2-13)

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TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0800-2100 Lgt gunn only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)
WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Lgt acft use ctn. (2-3)

[redacted]

ABILENE-RADIO: Effective Dec 29 stn guards 3117.5 kcs 2300 to 0700
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (9-3)
ALICE ARPT- Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (10-20)
ARLEDGE FIELD-MAIN AIRDROME (STAMFORD)-Use rnwys only-parked acft. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (6-3)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (11-22)
ASHERTON AIRPORT-High brush-use strips with caution. (6-11)
AUSTIN-RADIO: Effective Dec 29, stn guards 3117.5 kcs. 2300 to 0700. Ranga flight-checked, courses correctly aligned, break in stn location marker light pattern. (5-23)
★BERGSTROM FLD (AUSTIN)-RADIO: Army ILS avail. for training of AACS operator personnel only. (2-13) FLD: NE/SW, NW/SE rnwys closed. (2-10)
**BIGGS FLD (EL PASO)-RADIO: Army VHF DF stn now in cont oper. (2-5) Army ILS (CAA type) temp inop. (1-3) FLD: See notice under White Sands Proving Ground, N. M. (12-26)
BROOKS FLD (SAN ANTONIO)-Oscillating fan type bcn replaced by 24" rigid drum single rot. bcn. (2-17)
BRUCE FLD (BALLINGER)-Holes in fld. (10-18)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12 lctd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CY" (- . - . - -). Visual courses: 53°, 233°; aural courses: 323°, 143°. (7-25).
CLEVELAND-RADIO: Oper on exper. basis only. (1-9)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (9-12)
CUERO ARPT-In wet weatheather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings should be made within orange cone bndrys. Use strips only-parked acft. No svcg or lgts.
★DALLAS-RADIO: Stn now gds (3); 116.1,122.1 (2-13)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
ELDORADO ARPT-E/W strip soft in wet weather. (12-6)
ELLINGTON FLD (HOUSTON)-RADIO: Army air to ground stn. temp. inop. (11-20) FLD: Closed to VHB acft except in emerg.
EL PASO ARPT-ED ANDERSON FLD-RADIO: CAA ILS flgt-checked Feb 5, oper normal.
**ENGLISH FLD (AMARILLO)-RADIO: CAA ILS ident. "AQ" and voice comm on lclzr freq 110.3 mcs comm Feb 7. Outer mrkr relctd 5.92 mi NE of end of NE/SW rnwy. Sys flgt-checked (2-12) FLD: Use rnwys, taxi strips only, 60' unlgtd pole 3250' NE of end of NE/SW rnwy. (2-3) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. Five 300' lgtd twrs of Rdio Stn KGNC being erected 15 mi NE (30° true). (1-19)

FAIRCHILDS, BCN SITE 16, ZN-HU-Soon will be perm discont. (12-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
FORT WORTH AAF-E/W rnwy closed. 40' trees immediate end Rnwy 35L. (12-20)
**FORT WORTH SEAPLANE BASE-New Base. Lat 32-48-30, long. 97-27-30. (1-8) See Page 145. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Use rnwys only.
GIBBS FLD (FORT STOCKTON)-Use rnwys only - parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (12-5)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Lcl inst acft using range. Ltd parking, svcg facs. (1-8)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)
GUTHRIE-RADIO: VHF range flgt-checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident "UH". Visual courses: 72°,252°, aural courses: 162°,342°. Blue sector in North quad, "N" in E quad, "A" in W quad. (1-10) Var. 11°E.
HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HEARNE BCN SITE 15, DS-WC-Bcn inop. (5-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FLD (FT. WORTH)-Use strips only - parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Rdo for rgt landings. (5-12)
HOUSTON ARPT-Use rnwys, taxi strips-ditches parallel E/W,N/S,NW/SE rnwys and N/S taxi strip. Equip on fld. (12-31)
JOAQUIN-RADIO: VHF rng operating on exper basis only.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (12-9)
KELLY FLD (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W Rnwy 14-32. (1-2)
KENDLETON, BCN SITE 14, ZN-HU-Soon will be perm discont. (12-12)
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130°) true. (1-22)
LAMESA FLD-Holes in fld. (10-16)
LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information. (12-14)
LAUGHLIN FLD (DEL RIO)-Closed - emerg use only.
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-RADIO: Glide path and lclzr units of CAA ILS ground-checked only. (2-3) FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. Rnwy 7 closed. Rnwy 25 open for take-offs only. (2-7) 520' rdo twr under const 8.7 mi SE (120°) true. (1-30)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. (12-31)

MINERAL WELLS ARPT,new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (12-5)
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE ARPT-NE/SW, NW/SE strips under const. Use only E/W strip. Fld flooded after rains. (7-10)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (10-21)
PAMPA ARPT-Hangars being const along N/S hangar line parallel to N/S strip. (10-18)
PARKER ARPT (TEXAN)-Hangar under const. (9-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (11-6)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Lgt acft use ctn-gopher holes. (11-28)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Bldg 300' E, 700' S of N end Rnwy 17-35 lgtd. Civil. acft may be cleared thru this arpt for foreign flgts. Army acft use Kelly Fld. Obst lgts: atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. (1-28)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (8-1)
**SALT FLAT INT, SITE 8A, ED-FV-Correct lctn: lat 31-45-00, long. 105-05-30. (2-6) This corrects page 90 of Flgt Information Manual.
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANGELO ARPT-NW/SE rnwy lgts inop. (1-29)
SAN ANTONIO-Cloud flying on Randolph Fld Rdo Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Twr.
SAN ANTONIO ARPT-ALAMO FLD (SAN ANTONIO)-Ltd svcg. Closed ngts to all civil. acft except scheduled airlines. (10-17)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
SKY HAVEN ARPT (MIDLAND)-Hangar under const. (10-30)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0700 and 1630 Mon thru Fri. Svcg, opers avail. 0800 to 2200. Ltd transportation, no housing, messing facs. (12-12)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (11-12)
**TEMPLE ARPT-Name changed to Draughon-Miller Arpt (Temple). Rnwy ctc lgts on req by circling fld. Rot. bcn oper cont. (2-4) See page 117.
**TEMPLE SITE 40, JI-FV-Name changed to Woodson Arpt. Bcn, bndry, obst lgts. (2-4)

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TERRELL, BCN SITE 6, TV-AC-Temp discont. (9-18)
TEXARKANA-Demolition opers are being conducted approx 15 mi WSW Texarkana Arpt, 0800-1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
**VICTORIA ARPT-ABANDONED. (1-31) See page 113.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only.(12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
WEATHERFORD ARPT-Use only N end fld-strips under const. Closed to heavy acft. (12-9)
WHITE FLD (BRADY)-CLOSED. (8-7)
WINK-RADIO: Courses aligned by ground check only. (2-4)
WOODSON ARPT (TEMPLE)-Rough-use rnwys only in wet weather. (2-4)

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BRYCE CANYON-RADIO: 116.1 mc transmitter and rcvr, 131.7 mc rcvr and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-CLOSED (snow). (1-30)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (10-23)
HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7 mc rcvr temp inop. (1-23)
MILFORD ARPT, SITE 45, LA-SL-Lgtd bldgs being const 300' N of bcn twr E side fld. Unlgtd bldgs SE corner fld S of and adj to bcn twr. Equip. on fld. Trench being dug across taxiway to hangar, mrkd. (2-15)
OGDEN-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-23)
PROVO ARPT-Soft shoulders. Fld lgts avail. on req. (12-30)
SALT LAKE ARPT NO 2.-Use rnwys, taxiways only - shoulders soft. (1-2)
SALT LAKE CITY-RADIO: Anto. range monitor. sys on N course temp inop. Temp. remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3) Range flgt-checked Feb 8, courses correctly aligned.
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S, SE or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flgt Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Opers inop 1700 to 0730. Fld closed 1800 to 0730 except on 24 hrs adv notice and in emerg. Obst lgts on mtns N and W of fld inop. (2-3)

VERMONT

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. (12-3)

VIRGINIA

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
★ARCOLA-RADIO: Feb 6, CAA range comm at lat 38-56-30, long. 77-26-41. Freq. 233 kcs. Ident. "EC". Courses: 41°, 140°, 222°, 316°. Var 6°W. Stn class: SMRAWZ. (1-14) Courses flgt-checked Feb 13.
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
BLACKSTONE-RADIO: Reception on all guarded freqs, except 116.1 mcs occasionally unreliable (heavy lcl interference). (1-29)
★CHINCOTEAGUE NAAS-RADIO: Navy range freq changed to 227 kcs Feb 12. Flgt-checked and courses correctly aligned. FID: Closed 1700 to 0800 except in emerg or on req with 2 hrs notice. Bcn operates all ngt except during lcl ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. (9-5)

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DAHLGREN NAF PROVING GROUNDS-CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Off. flgts must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md; Norfolk, Va; Quonset Pt, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory, Philadelphia, Pa: Cherry Point MCAS, S.C., Quantico MCAS, Va; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md; Lakehurst NAS, N.J. 1 rnwy closed. Equip. on fld. Only 1 rnwy avail. ngts. (8-28)
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status - no facs).
GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
HYBLA VALLEY ARPT (ALEXANDRIA)-Surplus Acft Sales Center - parked acft.
★LANGLEY FLD-RADIO: Freq of Army range changed to 221 kcs Feb 5. N course of Army range swinging 5°W, bear. 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD-SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (12-31)
MILFORD INT, SITE 49, AC-LG-Fld and lgts will be discont Mar 1. (2-17)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facs).
MT. VERNON-See Special Notice under Dist. of Columbia.
★MT. VERNON-RADIO: Feb 13, freq of compass lctr changed to 269 kcs.
NORFOLK-RADIO: VHF range comm for TEST PURPOSES ONLY. Lctd at lat 36-48-18, long. 76-12-06. Ident. "NJ". Freq. 108.7 mcs. Visual courses: 20°15', 200°15'. Aural courses: 110°15', 290°15'. Class: VARW. Aligned by ground check only. (1-20)
**NORFOLK ARPT-205' twrs of Rdo Stn WLOW, 8 mi WSW, perm lgtd. (1-31)
NORFOLK NAS-EAST FLD-Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flgts proceeding in accordance with IFR to NAS Norfolk, shall establish rdo ctc with twr at NAAS Chincoteague, Va., for further clearance instructions from Navy Norfolk. Pilots on Northbound coastal flgts proceeding in accordance with IFR to NAS Norfolk shall establish rdo ctc with Navy Weeksville Rdo, NAS (LTA)Weeksville, Elizabeth City, N.C., for further clearance and instructions from Navy Norfolk. Equip. on fld. (7-22)
OCEANA NAAS-Rnwys, taxi strips under const. Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Essential mil flgts accepted anytime on prior notification. (9-26)
ORANGE CO ARPT-Strips muddy in wet weather. (12-29)
PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)
PETERSBURG ARPT-Avail. emerg landings only. (1-20)
PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
RICHMOND-Kiko Aux Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse this fld with the Richmond AAB.
RICHMOND AAB-Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without estab. rdo commun. with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (8-7)

VIRGINIA

SHENANDOAH ARPT-N/S strip under const. (10-28)
**SHIP SHOAL IS.-Tactical training area in vicinity with a radius of 5 mi centered at lat 37-14-00, long. 75-47-30.
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (10-18)
VALLEY ARPT (WAYNESBORO)-Ctn when wet. (12-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Rdo or circle fld before landing. (6-7)

WASHINGTON

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flgts avoid. (See Spokane Flgt Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON NAAS-Use in emerg only (caretaker status - no facs).
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
**BOWERS AUX FID (ELLENSBURG)-ABANDONED. (2-1) See page 1.
**CLALLAM COUNTY ARPT (PORT ANGELES)-Fld lgts discont. (2-3) See Page 1.
COLVILLE ARPT-NW/SE strip closed. (11-6)
COUPEVILLE OLF-Closed except in emerg. Training use requires 24 hrs adv notice thru Whidbey Island NAS. (9-11)
DOROTHY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)
EASTON INT, SITE 5B, SA-HL-CLOSED (snow). (11-33)
EPHRATA ARPT-Loose cattle on fld. (10-7)
★EVERETT-RADIO: Overseas-Foreign Aeronautical Communications Stn (KCJ) now transmits on and gds 116.1 mcs for test purposes until Feb 25 at which time it will be made a perm feature. Circuit 457 Air Carrier air-ground freqs 1638,3082.5,5037.5,6347,9980 kcs transmitting and rcvg. Circuit 460 CW bdcast 4580,8220 kcs transmitting only. Circuit 300K Rdo teletype and high-speed rdo telegraph 168,4070,8130,11331,16232.5 kcs transmitting; 91, 4475,8100,13600,16280 kcs rcvg. Circuit 316 Air Carrier point to point 183,2748,4690,6545,8015 kcs transmitting; 197,1722,2748,4690,6545,8015 kcs rcvg. Circuit 311, alternate for circuit 316 point to point rdo telegraph transmitting and rcvg 183,2796,5310,7880,12290 kcs. KCJ, OFACS will discon opers on circuit 454-456 on Feb 24, on 2912,3285,4220,4595,6523,8200, 11445 kcs transmitting and rcvg, at which time McChord Army Airways will assume guard of these Army air-ground freqs. (2-13)
FAIRWEATHER FLD (REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (2-7)
HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment. (7-1)
KENMORE ARPT (BOTHELL)-Avail. emerg use only -cattle. (9-10)
KING CO. ARPT-BOEING FID (SEATTLE)-Use rnwys, taxi strips only. Equip. adj Rnwy 13-31. Lgt acft graded strip between main rnwy and E taxiway closed, avoid mrkrs this area. (12-27)
LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED. (4-26)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
McCHORD FLD (TACOMA)-RADIO: Effect Feb 24, air-to-ground stn will transmit on and receive on the following route freqs, McChord-Anchorage Air Route: 2912,4220 kcs voice; 3285,4595,6523,8200,11445 kcs CW. (2-13) Army ILS (CAA type) temp inop. (1-7) FID: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs adv notice thru Whidbey Island NAS. Bcn inop. (10-1)

WASHINGTON

OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn lcl and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
**PAINE FLD (EVERETT)-145' unlgtd derrick erected 3 mi SSE. (2-5) FID: Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt mgr or CAA Commun Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status - no facs).
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
ROSALIA MUN. ARPT-12" grass and weeds. (7-16)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE-All acft advised not to fly below or near blimps in Puget Sound Area.
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
SEATTLE-TACOMA ARPT (SEATTLE)-RADIO: About Mar 15, tndry end outer mrkrs of CAA ILS will be discont, and outer mrkr will be relctd 4 1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs, to be lctd 1150' N of S end of N/S rnwy and 400' W of centerline. Lclzr continues to operate on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (2-14) FID: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. (8-22)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
TOLEDO INT, SITE 63B, SF-SA-Use strips only-sodded portions soft. (11-18)
**VISTA ARPT (KENNEWICK)-This is still a navy fld and will hereafter be carried as Vista OLF. (1-20) See page 4.
★WALLA WALLA AAF-RADIO: Army twr now transmits on 396 kcs, 126.18 mcs. (2-10) FID: No opers office. Equip. on fld days Mon thru Fri. (2-10)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FID (WHIDBEY ISLAND)-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. Tetrahedron lgts inop. (12-12)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)
YAKIMA CO. ARPT (YAKIMA)-Use rnwys, taxiways only-graded areas soft, rough. Tetrahedron inop. (1-11)

WEST INDIES

TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

WEST VIRGINIA

BOLLINGER FID (CHARLESTON)-Obst lgts on 240' rdo stn WKNA 5 mi N (360°) true inop. (2-13)
ELKINS ARPT-Contact Elkins Rdo or circle fld before landing. (7-16)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (1-6)
SCOTT FID (BECKLEY)-Use right traffic on N course. (12-31)

WISCONSIN

CHAPLIN'S ARPK (PLYMOUTH)-NE/SW, NW/SE strips under const. (10-21)
CLINTONVILLE ARPT-Use plowed strips only. (1-8)

CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1957. (11-18)
**GENERAL MITCHELL FLD (MILWAUKEE)-Lgting of 275' chimney 1.5 mi E, discont. (2-10) Equip. on fld days. Right turn procedure rstd to icly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)
GINNOW ARPT (OMRO)-Use strips only. (1-6)
LA CROSSE ARPT-Use rnwys only. (9-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-CLOSED (snow). (2-17). These data rcvd too late for (R) symbol.
MOREY ARPT (MADISON)-Use strips only. (1-8)
PLATTE ARPT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)
SHAWANO ARPT-Use rnwys only. (1-2)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (1-3)
SOLON SPRINGS ARPT-Const-unusable. (10-29)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TAYLOR CO. ARPT (MEDFORD)-Avail. in emerg only. Very rough. Maintained for small acft only. (6-6)
TOMAH ARPT-N/S strip under const. (7-9)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 to 0730. (2-3)
VETERANS FLD (MENOMONIE)-Rough. (1-2)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. (12-13)
WINNEBAGO CO. ARPT (OSHKOSH)-Use N/S, E/W rnwys only. (1-8)

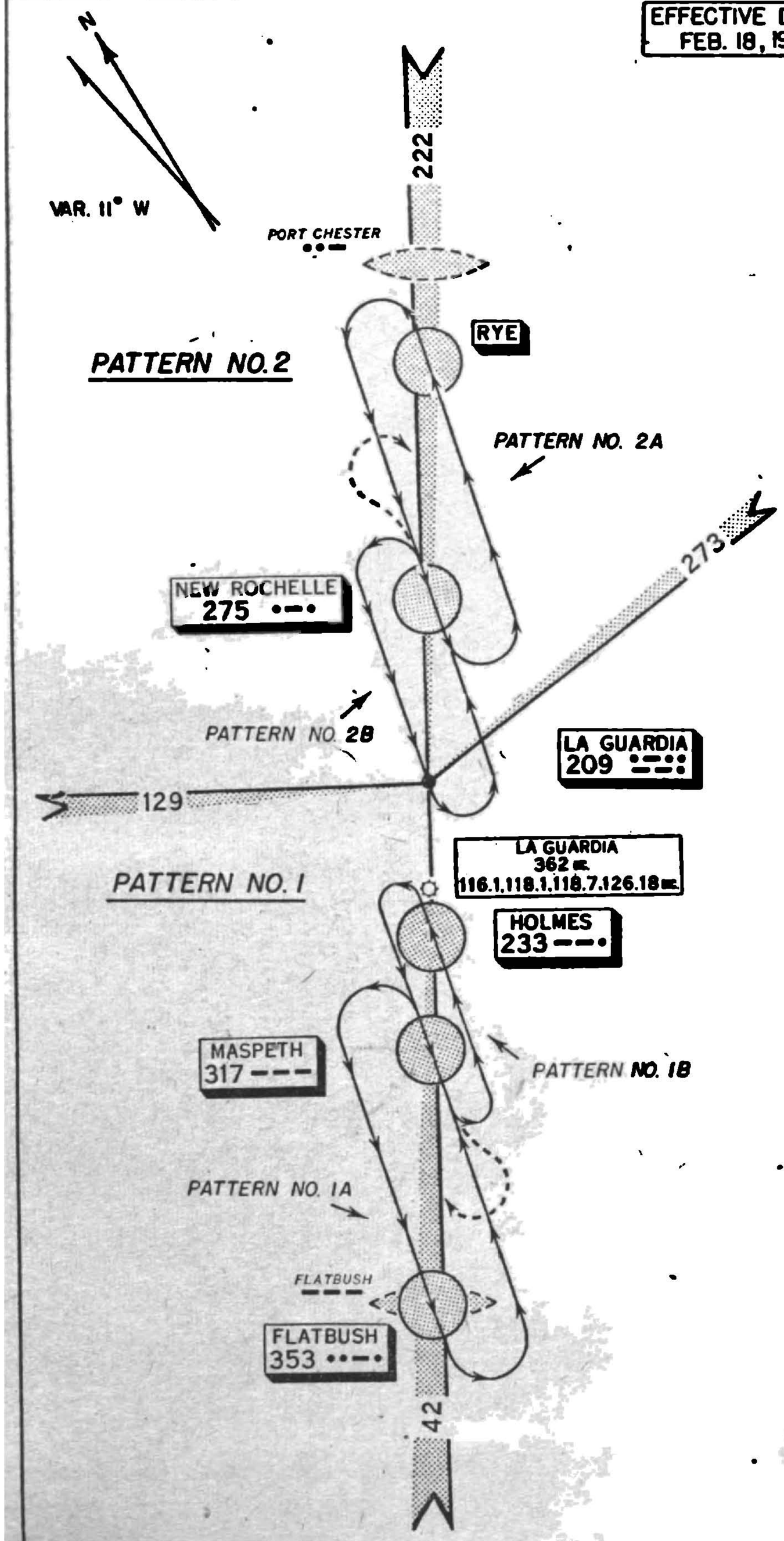
[redacted]

☆CASPER-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. (2-14). These data rcvd too late for inclusion on data page.
CASPER AAF-No opers office. (1-29)
CHEYENNE ARPT-Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
**EVANSTON ARPT, NEW-New fld. Lat 41-16-30, long. 110-57-30. (1-13). See page 24.
FORT BRIDGER, INT, SITE 9, SL-OH-Hazardous to all acft (snow). (2-4)
JACKSON MUN. ARPT-Cattle on fld intermittently. (5-20)
KEMMERER INT,SITE B17, BX-RT-Hazardous to lgt acft (snow). (2-5)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
SUSSEX INT,SITE 22A, CX-GT-CLOSED (snow). (2-4)
WAMSUTTER INT, SITE 22, SL-OH-CLOSED (snow). (2-4)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only-bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (10-30)

LA GUARDIA FLD. ADF HOLDING & INSTRUMENT APPROACH PROCEDURES

EFFECTIVE DATE
FEB. 18, 1947

NOTE: THIS CHART IS PRESENTED FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE USED FOR NAVIGATION.



ADF HOLDING AND INSTRUMENT APPROACH PROCEDURES FOR LA GUARDIA FIELD, N. Y.

The complete patterns outlined in Holding Pattern #1 will be used for North landings and the #2 Pattern will be used for South landings.

ADF approaches and holding will be in accordance with those procedures shown, normally when the La Guardia ceiling is reported less than 1000'. La Guardia Approach Control, however, will advise in all cases of the type of holding and approaches to be made.

Holding in Patterns 1A and 2A will generally be at the 5500,6500, 7500,8500, and 9500 foot levels. Holding in Patterns 1B and 2B will be at 4500,3500, and 2500 foot levels.

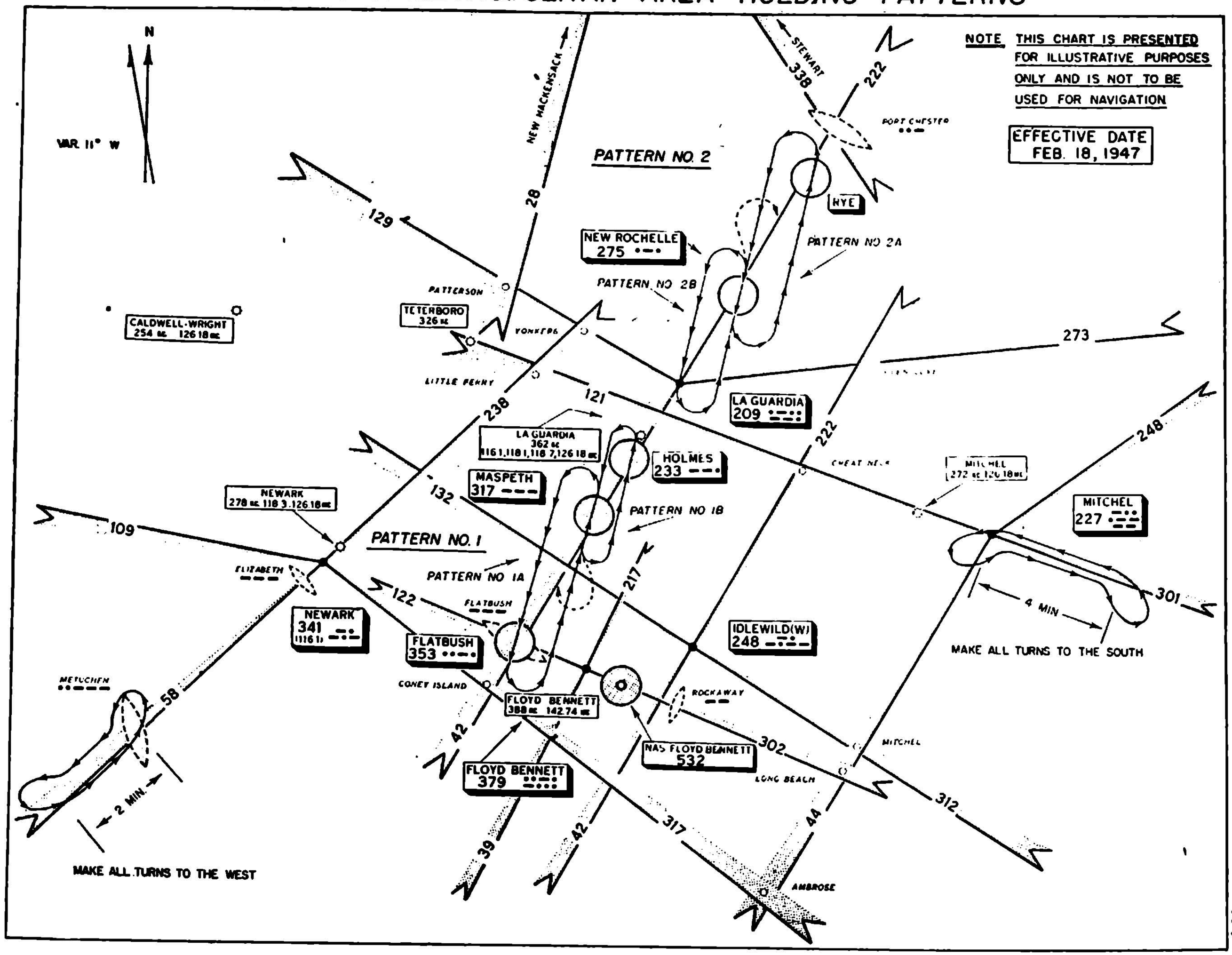
Pilots will be advised when to report over Maspeth or New Rochelle while in Patterns 1B and 2B and will be given a course to steer and advised when right turns to be made for return to the La Guardia radio range courses for final approach to the airport.

Appropriate detailed information concerning these procedures and for the entire New York Metropolitan Area are contained in the New York Airway Traffic Control Center Operations Letter #14, copies may be obtained from:

Chief Controller,
New York Airway Traffic
Control Center
La Guardia Field, N.Y.

Important Note: The Rye, N.Y. locator marker was not commissioned at the time this drawing was prepared. Consult the Airman's Guide for commissioning date, frequency, and identification.

NEW YORK METROPOLITAN AREA HOLDING PATTERNS

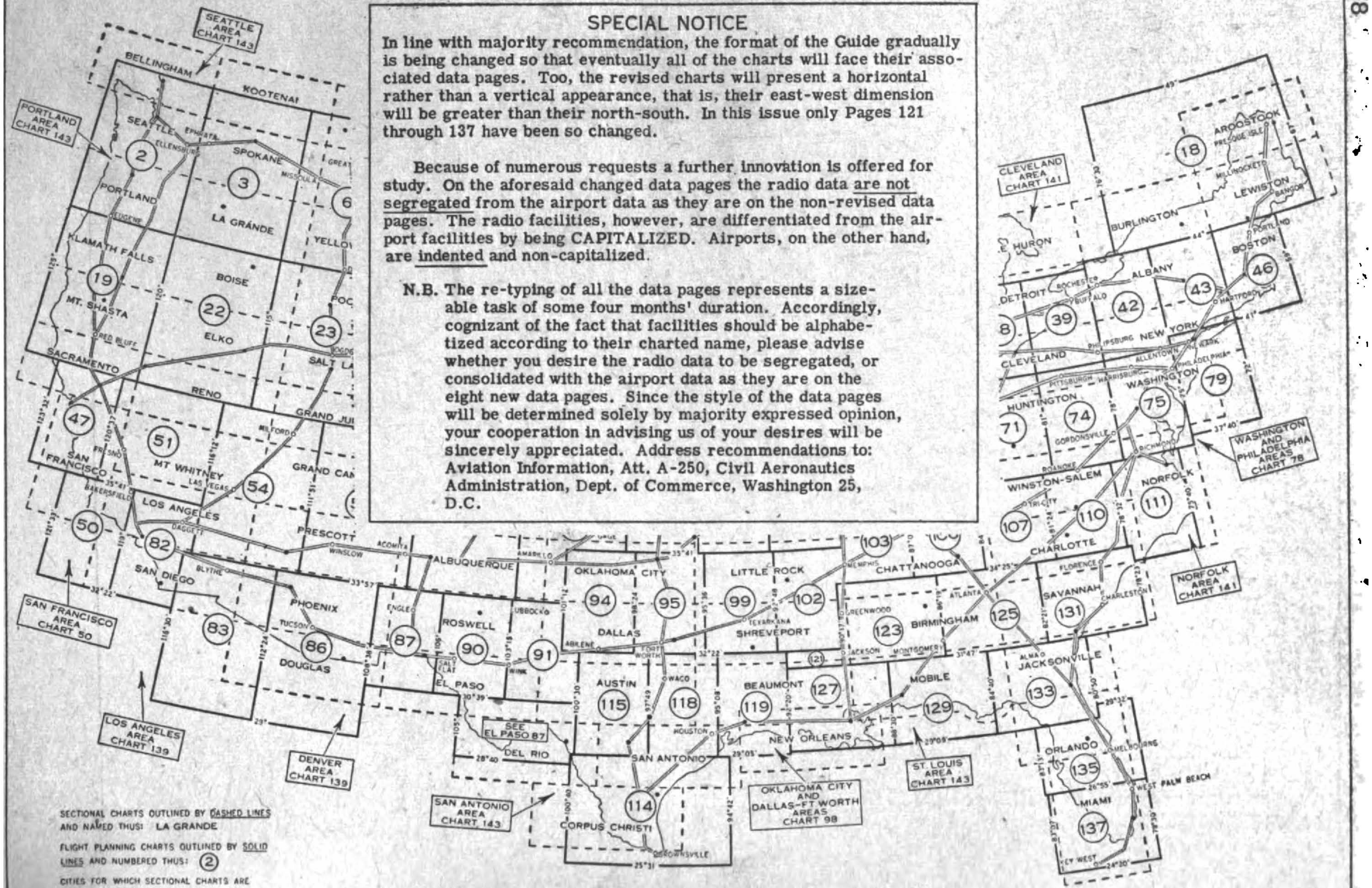


SPECIAL NOTICE

In line with majority recommendation, the format of the Guide gradually is being changed so that eventually all of the charts will face their associated data pages. Too, the revised charts will present a horizontal rather than a vertical appearance, that is, their east-west dimension will be greater than their north-south. In this issue only Pages 121 through 137 have been so changed.

Because of numerous requests a further innovation is offered for study. On the aforesaid changed data pages the radio data are not segregated from the airport data as they are on the non-revised data pages. The radio facilities, however, are differentiated from the airport facilities by being CAPITALIZED. Airports, on the other hand, are indented and non-capitalized.

N.B. The re-typing of all the data pages represents a sizeable task of some four months' duration. Accordingly, cognizant of the fact that facilities should be alphabetized according to their charted name, please advise whether you desire the radio data to be segregated, or consolidated with the airport data as they are on the eight new data pages. Since the style of the data pages will be determined solely by majority expressed opinion, your cooperation in advising us of your desires will be sincerely appreciated. Address recommendations to: Aviation Information, Att. A-250, Civil Aeronautics Administration, Dept. of Commerce, Washington 25, D.C.



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AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 1, NO. 25.... MARCH 4, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

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Herndon (75)
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Langley (141)
Lawrenceville (111)
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Lexington (74)
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Manassas (78)
Martinsville (110)
Melfa (75)
Milford (78)
Montvale (74)
Mt. Vernon (78)
Narrows (74)
Norfolk (141)
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Onancock (75)
Orange (74)
Parksley (75)
Petersburg (111)
Pulaski (110)
Pungo (141)
Quantico (78)
Richlands (107)
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Roanoke (110)
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Staunton (74)
Suffolk (141)
Tappahannock (75)
Virginia Beach (141)
Warrenton (78)
Waverly (141)
Waynesboro (74)
Weirwood (75)
West Point (78)
Williamsburg (111)
Winchester (74)
Windsor (141)

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Bellingham (2)
Blaine (2)
Bothell (2)•
Bremerton (143)
Burlington (2)
Camano Island (2)
Camas (143)
Chehalis (2)
Chelan (3)
Cheweiah (3)
Clarkston (3)
Cle Elum (2)
College Place (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness (2)
Easton (2)
East Sound (2)
Ellensburg (3)
Enumclaw (143)
Ephrata (3)
Everett (3)
Forks (2)•
Geiger (3)
Goldendale (2)•
Harrington (3)
Hobart (2)
Huntsville (3)
Ilwaco (3)
Issaquah (143)
Kelso (2)
Kennewick (3)
Kent (143)
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La Crosse (3)
Lakeview (2)
Lind (3)
McChord (143)
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Moses Lake (3)
Mt. Vernon (2)
Neah Bay (2)
Newport (3)
North Bend (2)
Okanogan (3)
Olympia (2)
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Opportunity (3)
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Pasco (3)
Pateros (3)
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Port Orchard (2)
Port Townsend (2)
Prosser (3)
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Quillayute (2)
Randle (2)•
Renton (143)
Republic (3)•
Ritzville (3)
Romalia (3)
Seattle (143)
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Sprague (3)
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Twisp (2)
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Westport (2)
Whidbey Island (2)
Wilbur (3)
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Woodland (2)
Yakima (2)

[redacted]

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Burlington (74)
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Terra Alta (74)
Weston (74)
Wheeling (74)
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Williamson (71)
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[redacted]

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Bloomer (14)
Boulder Junction (15)
Boyceville (14)
Brodhead (34)
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Camp McCoy (31)
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Chetek (14)
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Clintonville (15)
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Darlington (31)
DePere (15)
Durand (14)
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Eau Claire (14)
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Fond du Lac (34,15)
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Hales Corner (34)
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Hudson (14)
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Medford (14)
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Merrill (15)•
Milwaukee (34)
Monroe (34)
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Omro (15)
Oshkosh (15,34)
Phillips (14)
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Racine (34)
Rhinelander (15)
Rice Lake (14)
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Shullsburg (31)
Shawano (15)
Sparta (31)
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Stevens Point (15)
Sturgeon Bay (15)
Sturtevant (34)
Superior (14)
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Tomah (31)
Tomahawk (15)•
Truax (34)
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Waukesha (34)
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Wausau (15)
West Bend (34)
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[redacted]

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Cody (7)
Cokeville (23)
Cowley (7)
Douglas (26)
Dull Center (27)
Egbert (27)
Evanston (23)
Fort Bridger (23)
Gillette (7)
Greybull (7)
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Riverton (26)
Rock Springs (26)
Saratoga (26)
Sheridan (7)
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Sinclair (26)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross (7)
Wamsutter (26)
Wheatland (27)
Worland (26)

(85)-Page number of chart on which these locales are inscribed. •-Facility listed on data pages but not charted. Seaplane Bases are not charted or indexed. N.B. New facility locations listed below black line.

Pulaski,Wisc.(15)Green Lake,Wisc.(15,34) Rankin,Tex.(91)Ropan,Tex.(91) Seminole,Tex.(84)Texas,Tex.(91)Post,Tex.(91) Turkey,Tex.(84)Arcola,Va.(78) La Center,Wash.(2)

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data *

RADIO CLASS DESIGNATIONS

AC..... Approach Control Tower, CAA
¤ ..... Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C..... Control Tower, CAA
CA..... Control Tower, Army
CL..... Control Tower (City,County,Private, etc.)
CN..... Control Tower, Navy
D..... Distantly controlled
FM..... VHF fan type marker (100 watts)
FMK..... Compass locator station when combined with fan marker
GCA..... Ground control approach system
H..... Non-directional radio-beacon (homing), power 50 watts or more
ILS..... Instrument Landing System
IM..... VHF boundary marker
K..... Independent compass locator station
LFM..... VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH..... Non-directional radio-beacon (homing), power less than 50 watts
ML..... Range (loop radiators), power less than 50 watts
MM..... VHF middle marker
MMK..... Compass locator station when combined with middle marker of Instrument Landing System
MRA..... Range (adcock, vertical radiators),power more than 50 less than 150 watts
MRL..... Range (loop radiators), power more than 50 less than 150 watts
OM..... VHF outer marker
OMK..... Compass locator when installed at outer marker site or within 6.5 miles of middle marker
P..... Point to point radio
RA..... Range (adcock, vertical radiators),power 150 watts or more
RL..... Range (loop radiators),power 150 watts or more
S..... Simultaneous (range signals and voice) type of transmitter
T..... Teletype
TX..... Principal teletype
V..... Voice communication with aircraft
VAR..... Visual-aural VHF range
W..... Without voice facilities
Z..... VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	E-EASY •	I-ITEM ••	M-MIKE ——	Q-QUEEN ——•—	U-UNCLE ••—	Y-YOKE —•——
B-BAKER —•••	F-FOX ••—•	J-JIG •———	N-NAN —•	R-ROGER •—•	V-VICTOR •••—	Z-ZEBRA ——••
C-CHARLIE —•—•	G-GEORGE ——•	K-KING —•—	O-OBOE ———	S-SUGAR •••	W-WILLIAM •——	
D-DOG —••	H-HOW ••••	L-LOVE •—••	P-PETER •——•	T-TARE —	X-XRAY —••—	

1 •————	3 •••——	5 •••••	7 ——•••	9 ————•
2 ••———	4 ••••—	6 —••••	8 ———••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures.
see FLIGHT INFORMATION MANUAL

AIRPORT DATA

LEGEND

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in part by Navy
Ⱡ CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N) or (CG) follows the airport name.

CLASS

SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

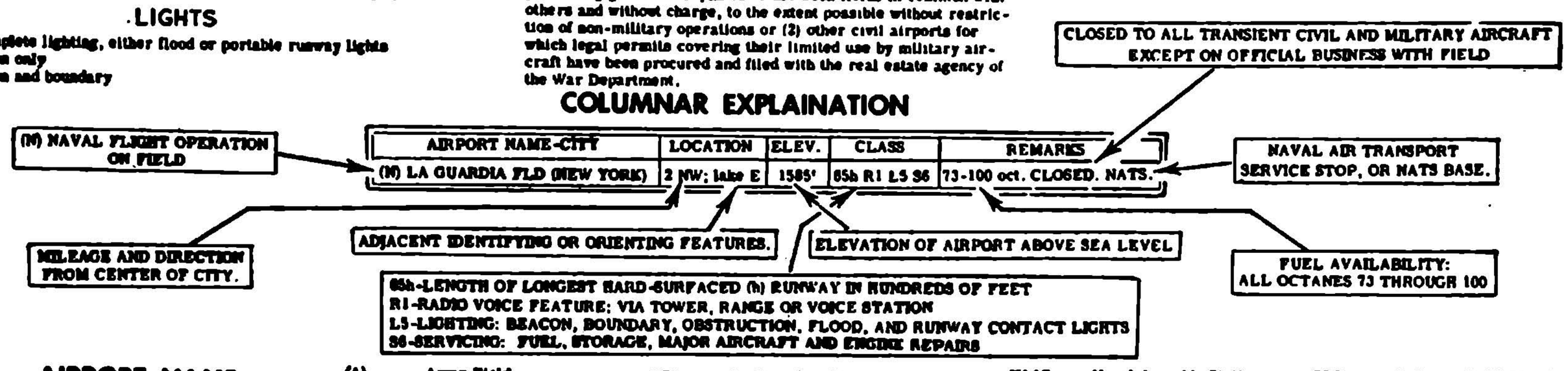
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields is isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. ✱
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an ag agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, L3-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLAINATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux. Air Station	OLF	- Outlying Field (Navy)
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility		
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	NPG	- Naval Proving Grounds		

✱ AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

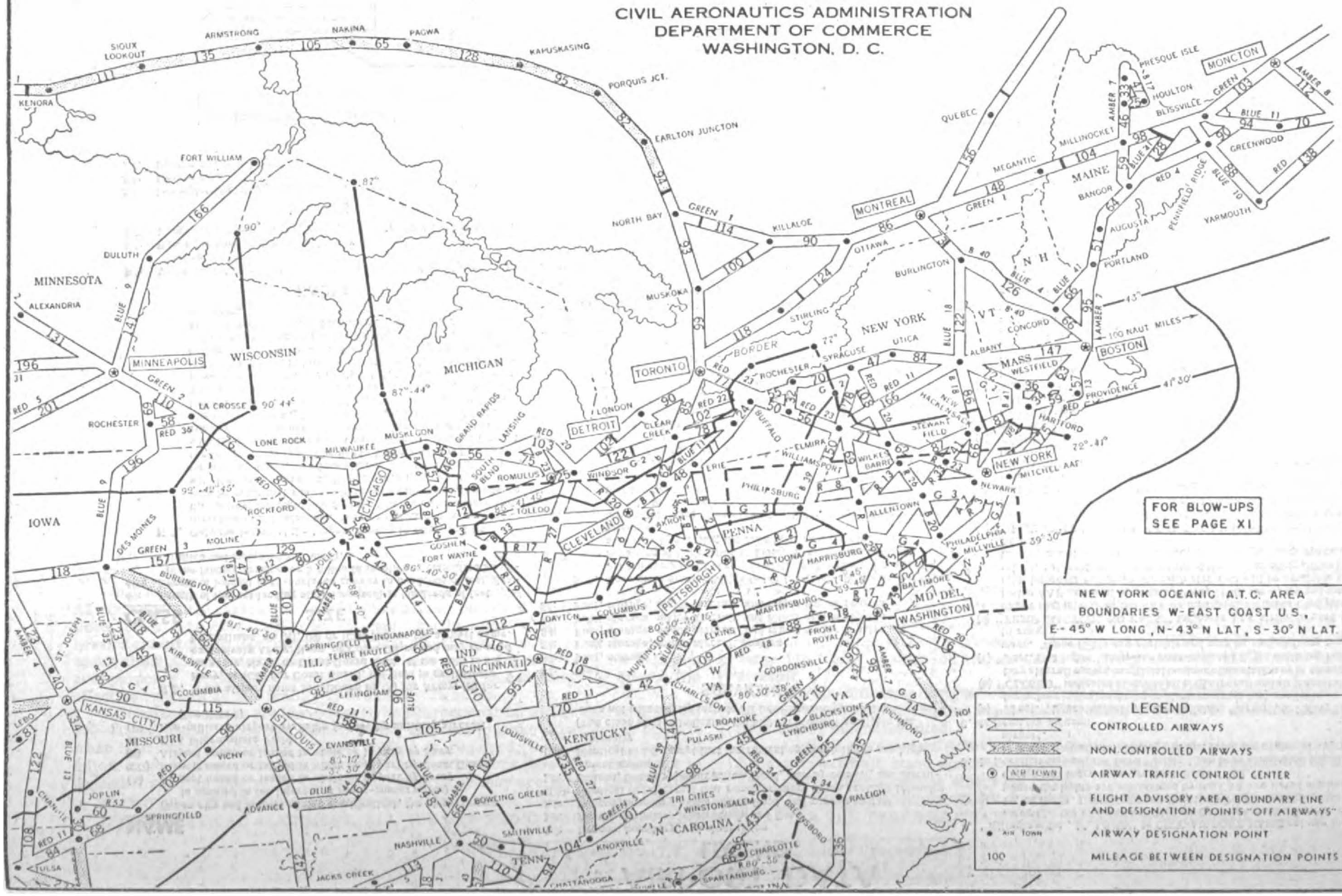
NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

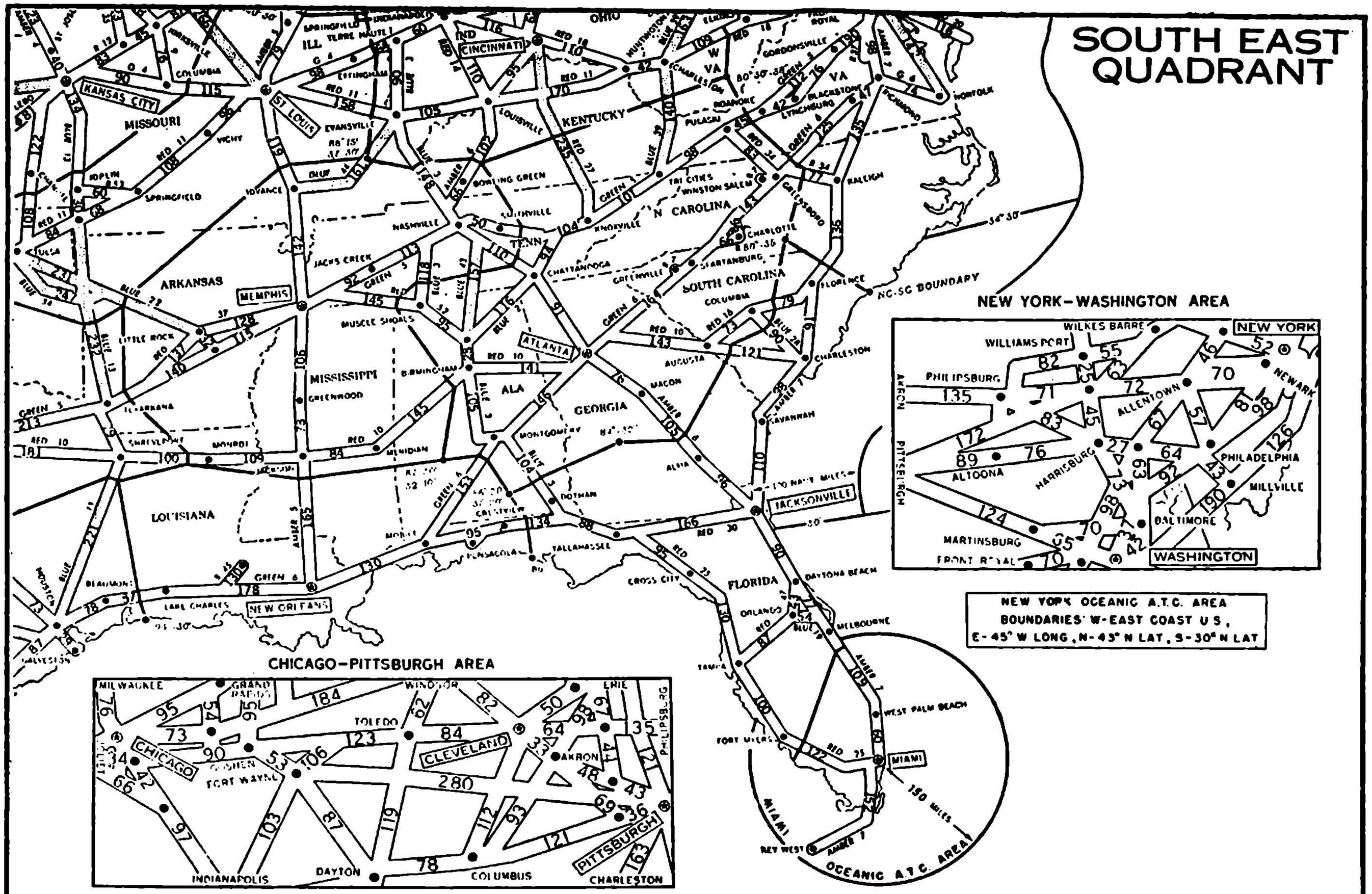
INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

DATE: MAR. 4, 1947

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



SOUTH EAST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
McCHORD FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

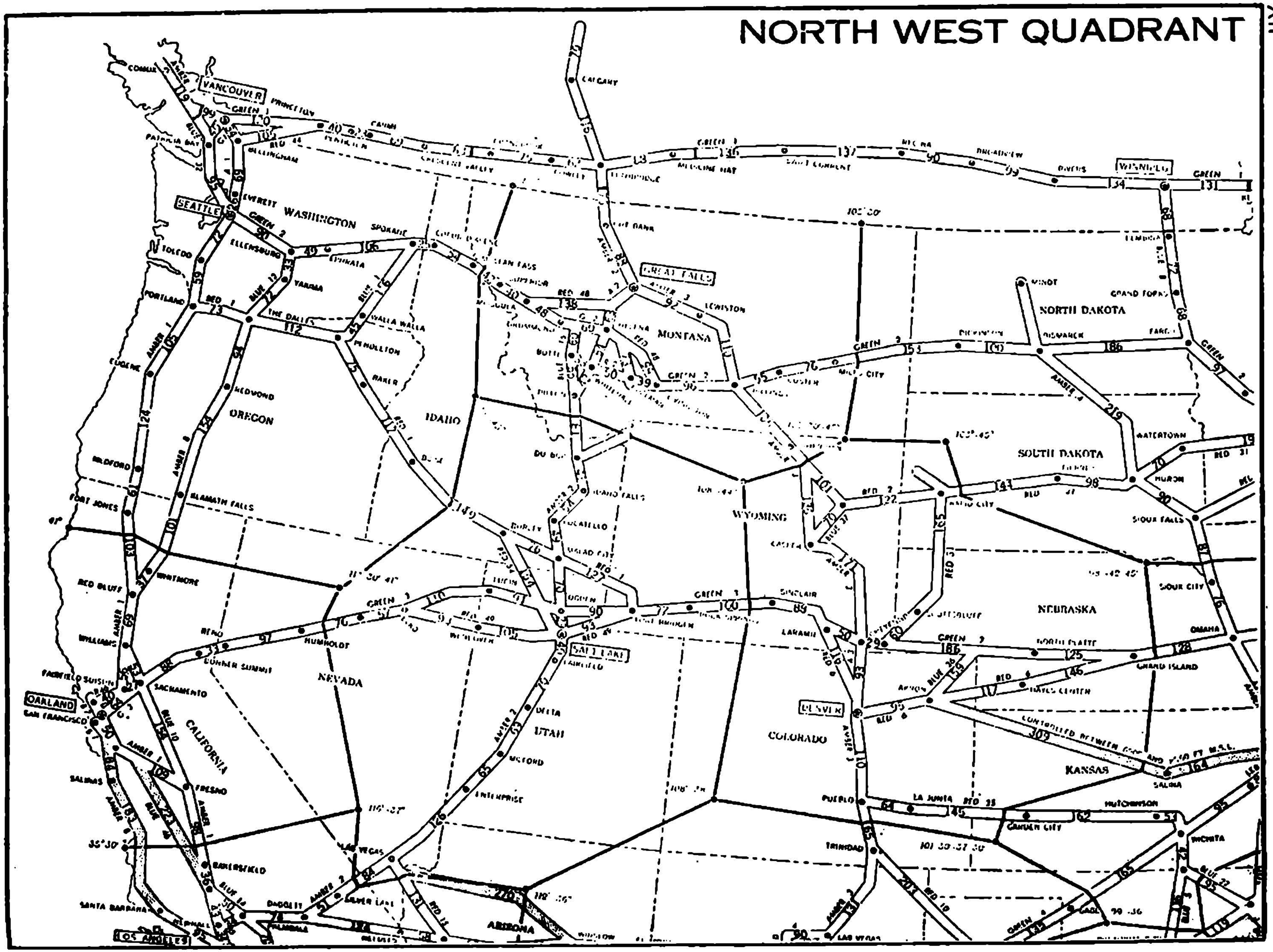
FLIGHT LEVELS

AIRCRAFT FLYING A HEADING OF 360°-179°
WILL FLY AT ODD THOUSAND FOOT LEVELS
AIRCRAFT FLYING A HEADING OF 180°-359°
WILL FLY AT EVEN THOUSAND FOOT LEVELS

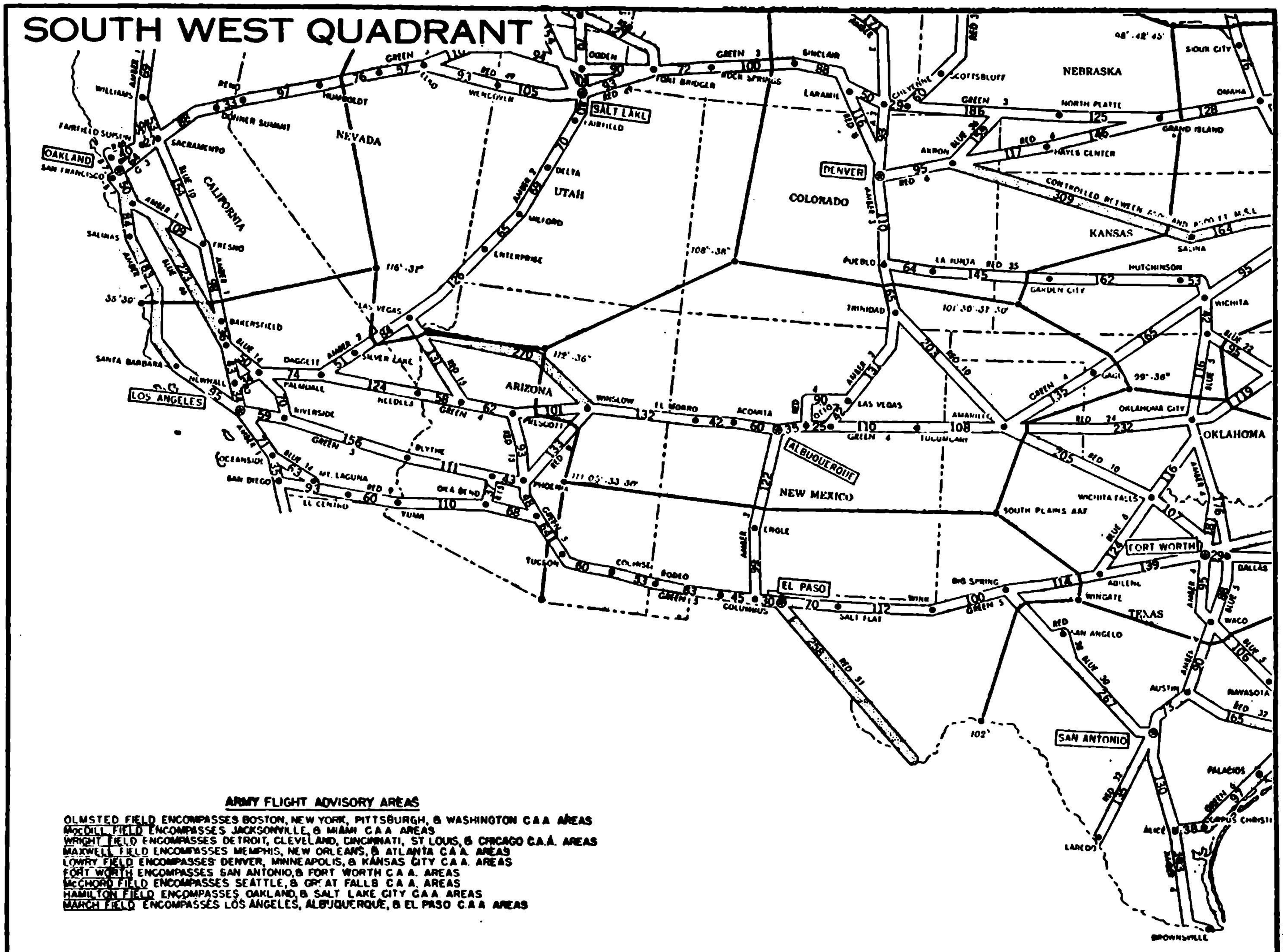
IX

NORTH WEST QUADRANT

XII



SOUTH WEST QUADRANT



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C A A AREAS
MacDILL FIELD ENCOMPASSES JACKSONVILLE, & MIAMI C A A AREAS
WRIGHT FIELD ENCOMPASSES DETROIT, CLEVELAND, CINCINNATI, ST LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C A A AREAS
LOWRY FIELD ENCOMPASSES DENVER, MINNEAPOLIS, & KANSAS CITY C A A. AREAS
FORT WORTH ENCOMPASSES SAN ANTONIO, & FORT WORTH C A A. AREAS
McCHORD FIELD ENCOMPASSES SEATTLE, & GREAT FALLS C A A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C A A. AREAS
MARCH FIELD ENCOMPASSES LOS ANGELES, ALBUQUERQUE, & EL PASO C A A AREAS

FLIGHT PLANNING CHARTS

LEGEND

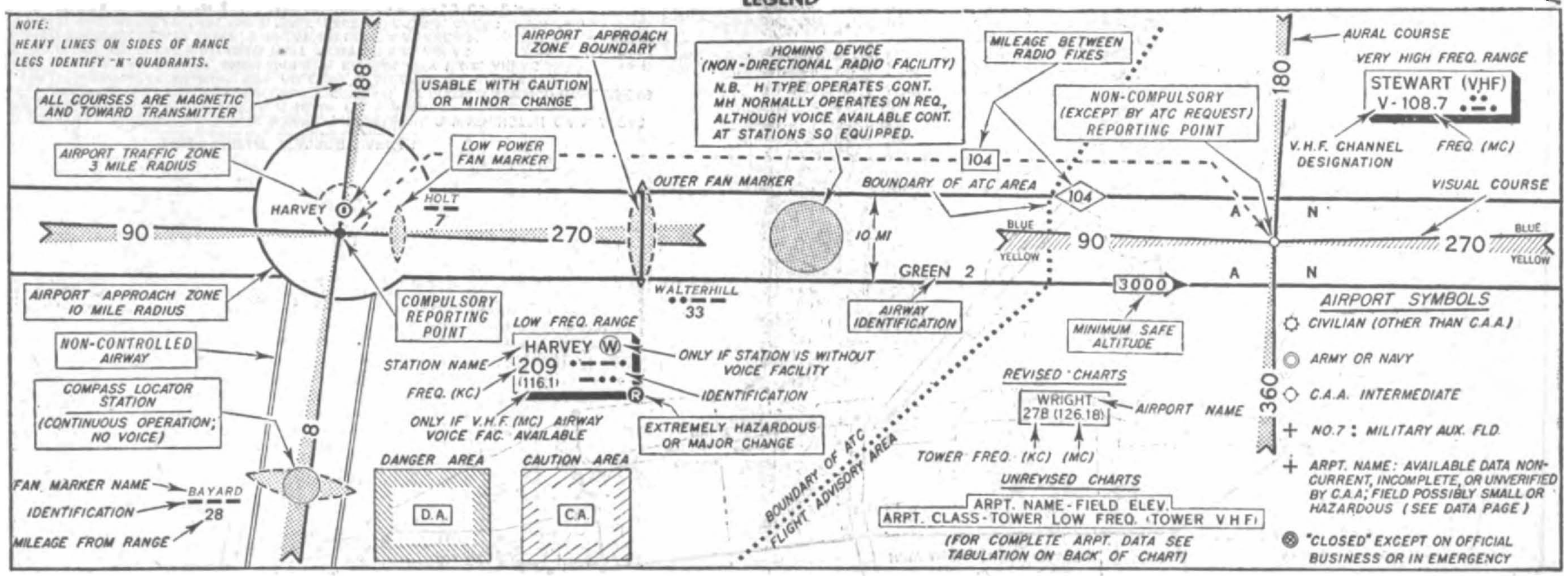


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

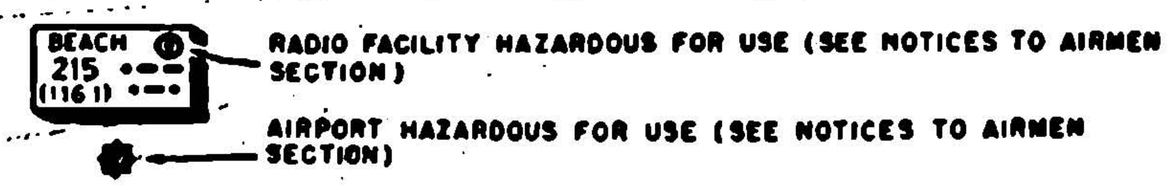
The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS)
→ PORTLAND (AAB)	332 PD(116.1,111.1)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG) (116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-1630)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland
WASHINGTON			
BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385 (EB)(116.1)	SBMRAZ-DTV,270°,2	(4); 116.1
EVERETT (Paine)	224 (MI) (116.1)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
→ LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
→ SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA)(116.1)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9 (W)	333.8	159° Mag.	IM-	MM- ·—·· (0.63)	OM- ·· —— (4.5)	
					MMK-		OMK-

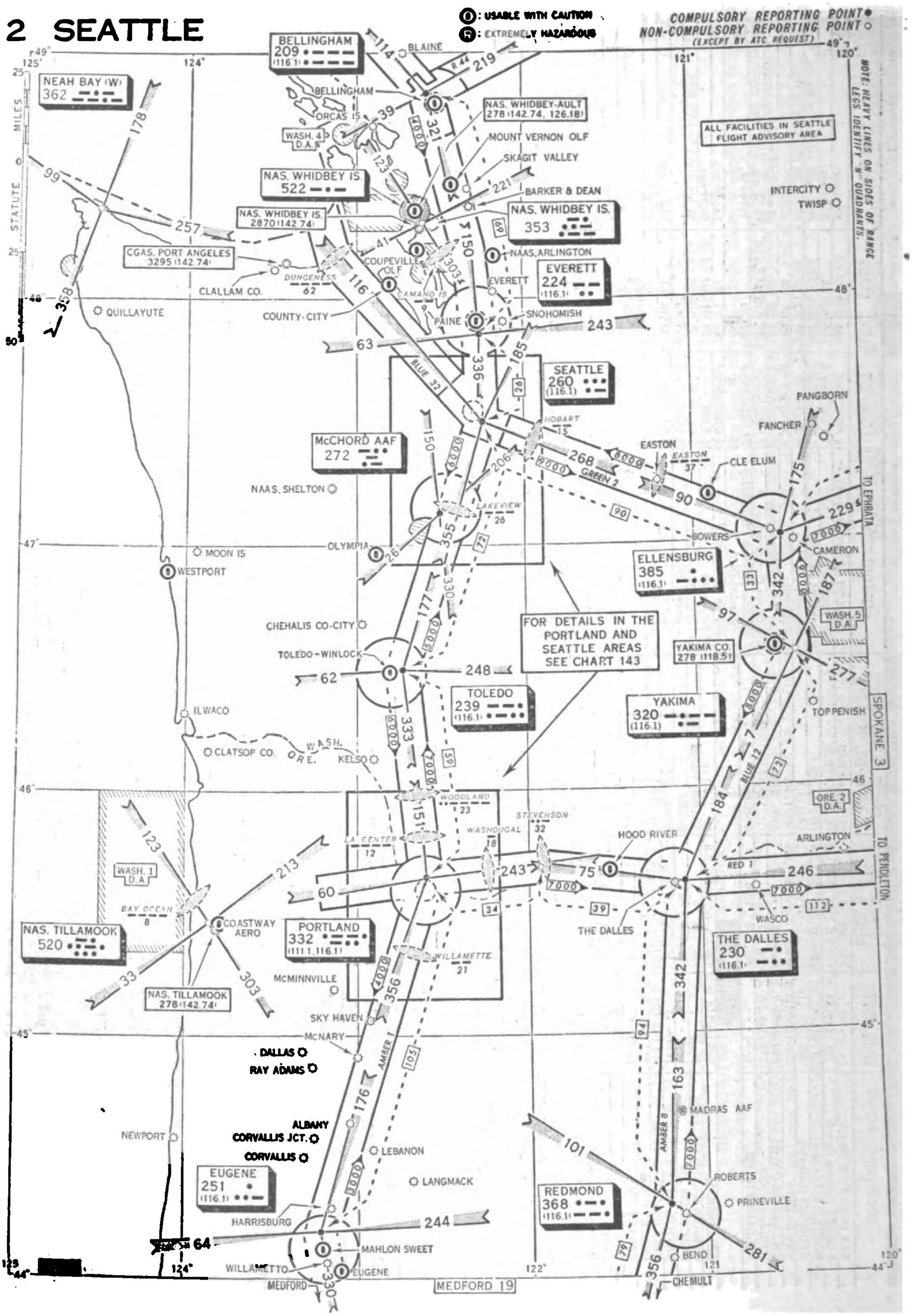
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range **Station Location** Marker; (3)-3105, 4495, **6210** kcs; (4)-3105, 4495, 6210, **3117.5 kcs.** Parenthetical Numbers in Frequency Column Indicate VHF Voice. ┼—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9 SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A)Madras	2 NNW;RR SE	2420	74h	CLOSED.
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No bcn.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.
WASHINGTON				
(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
→ Bowers Aux. (Ellensburg)	8.6 NNW			ABANDONED
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9 WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT OF ENTRY
(N)Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W.
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZARDOUS.
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	12 S1	73, 91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	33 S6	80 oct. Poles,trees ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.
NEW AIRPORTS				

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). → NEW OR REVISED DATA

2 SEATTLE


U: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
NAAS, SHELTON
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
ELLENSBURG 385 (116.1)
PORTLAND 332 (111.1, 116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
THE DALLES 230 (116.1)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
MADRAS AAF
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
NAAS, ARLINGTON
COUPEVILLE OLF
CAMANO IS
EVERETT
PAINE
SNOHOMISH
DUNGENESS 62
CLALLAM CO.
QUILLAYUTE
COUNTY-CITY
BLUE 32
HOBART 15
PANGBORN
FANCHER
EASTON
EASTON 37
CLE ELUM
GREEN 2
LAKEVIEW 26
BOWERS
CAMERON
TO EPHRATA
MOON IS
OLYMPIA
WESTPORT
CHEHALIS CO-CITY
TOLEDO-WINLOCK
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 143
YAKIMA CO. 278 (118.5)
WASH. 5 D.A.
TOPPENISH
SPOKANE 3
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
WOODLAND 23
LA CENTER 12
WASHOUGAL 18
STEVENSON 32
HOOD RIVER
ARLINGTON
TO PENDLETON
WASH. 1 D.A.
BAY OCEAN 8
COASTWAY AERO
THE DALLES
WASCO
ORE. 2 D.A.
McMINNVILLE
WILLAMETTE 21
SKY HAVEN
McNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT.
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
EUGENE
WILLAMETTO
MEDFORD
MEDFORD 19
ROBERTS
PRINEVILLE
BEND
CHEMULT
MILES
STATUTE
125°
124°
121°
120°
49°
48°
47°
46°
45°
44°

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(R) EXTREMELY HAZARDOUS (U) USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN No 1
OKANOGAN-LEGION
COLVILLE
NEWPORT
HAFER'S (R)
SPOKANE 365 (116.1, 111.9)
DEER PARK
SANDPOINT
COEUR D'ALENE 347
EUREKA
LIBBY
ANDERSON
CHELAN
EPHRATA 269 (116.1)
DAVENPORT
CALKINS AIR TERMINAL
SPOKANE AAF 245 (126.1 8)
FELTS 278 (118.5)
COEUR D ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
ROSALIA
LEMEN
WEEKS
KELLOGG
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
LIND
LA CROSSE
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
WASH. 5 O.A.
CONNELL
WASH. 8 O.A.
ASOTIN CO
LEWISTON
OROFINO
SUNNYSIDE
RICHLAND
NAS. PASCO
PROSSER
VISTA OLF
TOUCHET VALLEY
MARTIN
TWIN CITY
WALLA WALLA 212 (116.1)
KAMIAH
WALLA WALLA AAF 396 126.1 8
SKY RANCH
WASH.
ORE
IDAHO CO.
PENDLETON 278 (118.7)
HERMISTON
BOARDMAN
OREGON SKY RANCH
CABBAGE HILL
PENDLETON AWYS. SER
ENTERPRISE
JOSEPH
On request
LEXINGTON
PENDLETON 341 (116.1)
LA GRANDE 329
LA GRANDE
PILOT ROCK
ORE. IDAHO
McCALL
BAKER 221 (116.1)
BAKER
JOHN DAY
WEISER
CASCADE
PAYETTE 49
PAYETTE
ONTARIO
BOISE 350

WASH
IDAHO
IDAHO
MONT.
MONT
STATUTE MILES
TO SUPERIOR
GREAT FALLS 6
GREAT FALLS SEATTLE
SEATTLE SALT LAKE CITY
TO ELLENSBURG
TO THE DALLES
SEATTLE 2
ELKO 22
OVER

156 183 181 238 65 55 267 92 274 56 231 49 336 182 114 121 67 250 301 120 208 28 272 344 3 2 1 23 43 47 112 73 117

1000 4000 5000 7000 10000 11000 12000

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347 (KO)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(116.1)	SBRAZ-VDT;116°,1.8	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329 (IU)	MHT	(4)
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
PENDLETON	341 (PO)(116.1)	SBRAZ-VDT	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4)122.5,126.18,118.7
WASHINGTON			
EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4):118.5,126.18,122.5
HARRINGTON FM	(- - - -)(116.1)	FM; 236°, 45.3	Spokane
→ SPOKANE (Felts)	365 (EM)(116.1)	SBRAZ-DTV	(3):116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-VDT	(4):116.1
Walla Walla AAF	396(126.18)	CA :182°,3.8	(4):126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	BARRIER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S. →
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
* Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE:RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.

MONTANA

Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.

OREGON

(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1,7	(4)
MONTANA			
ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21,5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-VDT,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19,3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296 (DR)	SBMRAZ-DT,185°,1,3	(4)
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371 (HL)(116.1)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT,247°,2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(116.1,111.1)	SBMRAZ-VDT,120°,1.5	(4):116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4):116.1
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
				MMK–		OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1,1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1,2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois ,23,SL-GT	0,8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2,8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
(P) Salmon	4 S;riv W	4045	40 S2	80 oct,Mtns NE.
MONTANA				
Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	25	Closed to Public
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv I E	3899	87h R1L5 S6	80 oct, ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4,6 ENE;riv 2 W	5238	38 R1L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3459	89h R1 L5 S6	73,91,100 oct,JP-1.Foreign clearing station.
→ Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct,Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
Livingston	6 ENE;RR N,W	4656	62 S1	80 oct.
★ Int.10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3	Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC) Closed to Public
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct,No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.Closed to Public
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	Closed to Public
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner, Mont.	1 NNW;RR S.	6200	22	

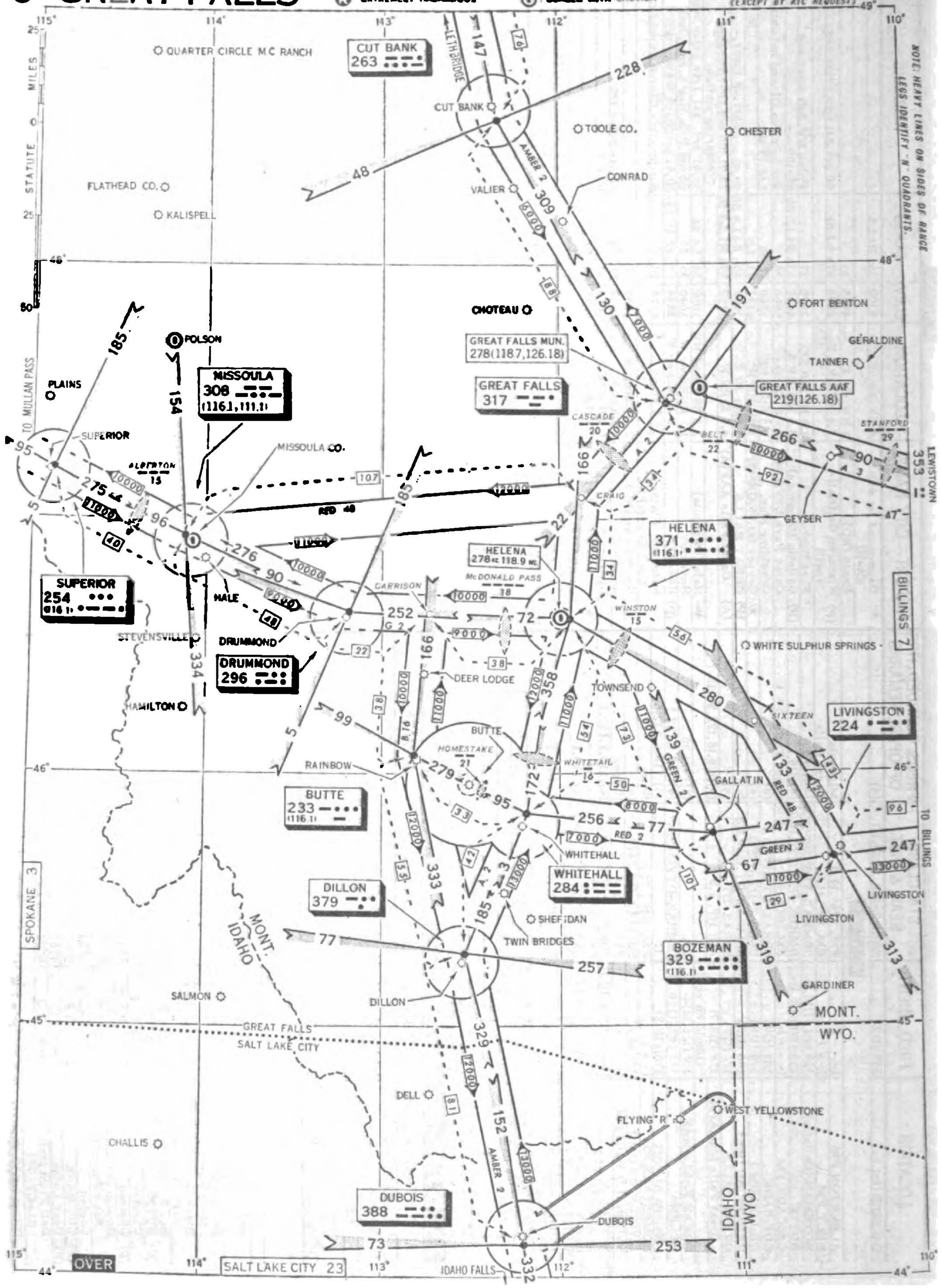
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX). (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

Ⓡ EXTREMELY HAZARDOUS Ⓘ USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.



BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(R): EXTREMELY HAZARDOUS (I): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

49° 110° 109° 108° 107° 106° 105°30' 105°25' 105°

STATUTE MILES 0 25 50

CHINOOK (I)
HAVRE CITY-CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO. (I)
SCOBEY
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
MILES CITY
MILDRED
FORSYTH
GREEN 3
MILES CITY 320 (116.1)
CUSTER 215
BILLINGS 400 (116.1)
LEWISTOWN 353 (116.1)
BILLINGS 278 (118.7)
DENTON
LEWISTOWN
MOORE
FOREST GROVE
HARLOWTON
LAVINA
RAPALJE
BIG TIMBER
COLUMBUS (O)
LIVINGSTON 224
ZELKA
ST XAVIER
SHERIDAN 239 (116.1)
SHERIDAN CO.
SHERIDAN 2
UCROSS 17
DENVER
COWLEY-LOVELL-BYRON
POWELL
CODY
GREYBULL
BASIN
BUFFALO (R)
GILLETTE NUN.
GILLETTE ARPK.
CASPER 269
10 HIGHLIGHT
MONT.
WYO.
GREAT FALLS
SALT LAKE CITY
MINNEAPOLIS
GREAT FALLS
J. D. KINNISON

GREAT FALLS 6
BISMARCK 10
TO GREAT FALLS
ROCK SPRINGS 26

AMBER 3
AMBER 31
RED 3

197 90 17 146 270 142 145 325 326 240 60 250 229 247 67 297 118 208 28 298 159

45° 46° 47° 48° 50

RADIO

MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-VDTX	(3);116.1
Billings Airport	278 (118.7)	C(ILS);247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-VDT,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-VDT,58°, 2.1	(4); 116.1
NIBBE FM	**(-)**	**FM, 49°, 25.4**	**Billings**
PARK CITY FM	**(. . - - -)**	**FM, 247°, 21**	**Billings**

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTY.298°,1.84);116.1	→
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan →

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS, MONT.	110.3 (W)	335	253° Mag.	IM-	MM- ·-·- (0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Columns indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P)BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P)Bones Bros.Ranch (Birney)(NC)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P)Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21	
(P)Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
Custer Int,25,HL-Twin Cities	2.3 E,riv NE	2868	42 L3	
Denton	2.2 SSW,RR N	3850	26 S4	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE,riv N	2722	30 L3	
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P)Harlowton	2 WNW,riv S	4400	29 S2	73 oct.
(P)Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P)Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW,RR S	3496	39 L3	
(P)LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80 oct.
(P)Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW,No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L2	
(P)MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	33	
(P)Rapelje	1 SE,RR N	4030	38	
(P)Red Lodge (NC)	0.5 WNW	5600	29	ROUGH. Road N.
(P)Roundup (NC)	1.9 N,hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W
(P)Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P)Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P)Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)(NC)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE,riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE,riv N	5084	47 S6	73,91 oct.Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P)Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P)Grey Bull	2 NW,hwy S	3900	44 S2	73 oct.
(P)Powell	8 NNW	5054	42 S2	73 oct.
(P)SHERIDAN COUNTY (Sheridan)	2 SSW,hwy E	3961	60h R1 L5 S6	80,91 oct.
Moore (Mont.)	0.5 E,RR N	4100	20 S2	73 oct.
Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-VDT,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-VDT,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)
SOUTH DAKOTA			
→PHILIP			DECOMMISSIONED
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-VDT	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2290	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 R1 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct. Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct. Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct. No bcn. Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct. Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct. Data unver.
SOUTH DAKOTA				
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct. (Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
NEW AIRPORTS				
Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N. Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

10 BISMARCK

R EXTREMELY HAZARDOUS D USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS

105° 104° 103° 102° 101° 100°

CROSBY
PORTAL
PLENTYWOOD
MOHALL
TOWNER
RUGBY
MINOT 209
FORT O'MINOT
121
211
WRIGHT
CHANDLER
WILLISTON
PARSHALL
MILLER
301
31
FARGO 11
SIDNEY
WATFORD CITY
107
167
ILO
WASHBURN
158
BISMARCK 230 (116.1)
DICKINSON 308 (116.1)
GLENDIVE
GLEN ULLIN
BEACH
GOLVA
WORTH
JUDSON
DRISCOLL
TO FARGO
MILES CITY 320
6000
69
GREEN 2
256
80
253
238
5000
153
100
NEW ENGLAND
DICKINSON
BISMARCK
BAKER
WYMAN
RHAME
BOWMAN
347
333
HETTINGER
46
ND
SD
MONT
RILLINGS 7
MOBRIDGE
MINNEAPOLIS
DENVER
MONT
WYD.
BLACK HILLS
NEWELL
RUSHMORE
165
RAPID CITY 221 (116.1)
PIERRE 347 (116.1)
GERONIMO
BALLEY
RAPID CITY AAB
396 (126.1R)
144
31
69
246
PHILIP
PIERRE
348
CHEYENNE 27
HIGHWAY 212
66
45°
44°

● COMPULSORY REPORTING POINT
● NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

ROUTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

ROLLA
CANDO
DEVILS LAKE
HARVEY
NEW ROCKFORD
MOHR
MATHENY
LANGDON
PEMBINA
GRAND FORKS
CROOKSTON
THIEF RIVER FALLS
JAMESTOWN
VALLEY CITY
DAWSON
BISMARCK
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WADENA
ASHLEY
EUREKA
ABERDEEN
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
MORRIS
BENSON
APPLETON
ALEXANDRIA
WILLMAR
MADISON
MONTEVIDEO
MILLER
W. W. HOWES
WATERTOWN
KOFER-KANNEGIETER
CARTHAGE
SIOUX FALLS
BROOKINGS
MARSHALL
WESTBROOK
FLANDREAU
OMAHA 30
EDEN FELT
PARK RAPIDS
DETROIT LAKES
RAPIDSVILLE
WEST FARGO
WHEATLAND

PEMBINA 260
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
HURON 353 (116.1)
PIERRE 347
SIOUX FALLS 245

MINNEAPOLIS 14
DISMARCK 10
MINNEAPOLIS 177

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-VDT,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-VDT,357°,3.5	(4); 116.1
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-VDT	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-VDT,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - - -)	FM, 260°, 25.5	Fargo.
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-VDT,256°,2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.
Appleton	1.9 NNE,riv S	1010	34 S2	80 oct. Poleline S,SE,SW
Benson	2.4 NW	1031	22	Poleline NW.
Crookston	3 NNW,RR N	875	30 S2	80 oct. Obst sur fld.
Detroit Lakes	2.7 W,RR N	1392	35 S2	80 oct. Rnwy data unver.
Fergus Falls	4.3 W,RR N	1160	23 S1	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	16	Poleline S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P) Marshall	1.5 W,RR NE	1167	35 S4	80 oct.
Montevideo	2.2 NNE,RR W	950	19 S2	80 oct. Poleline W,NW
(P) Morris	2.7 WSW,RR N	1134	31 S2	80 oct. Trees,poleline NW
Ortonville	1 ESE,hwy S	1090	21	Hwy W. unver.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct. P-line E Rnwy data
Redwood Falls	1.8 NE,riv NE	1025	25 S2	80 oct. Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S1	80 oct. Poleline S,NW.
Westbrook	1 SE,hwy N	1500	18 S1	80 oct. Poleline W.
Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.

NORTH DAKOTA

Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). → NEW OR REVISED DATA.

AIRPORTS — NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 R1 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 Army.
(P) GRAND FORKS	2.6 WNW,RR S, E	837	49h R1 L5 S6	73,80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct. Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct. Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct. Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lake S		21 S2	80 oct. Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct. Poleline N. Data unver.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
Britton Mun.(S.D.)	2 NNE,RR W	1350	24 S1	73 oct. Poles W.
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct.. Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct Pwr line SE,NNE.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-VDT	(3);116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC 293°,3.6	(4);122.5;126.18,118.3,142.74

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

Anderson (Cocato)	2.6 ENE,RR S	1020	23 S2	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NWW, RR S	1395	57h S4	80, 91 oct. Rnwy data unverified.
Brainerd	1.3 SSE,hwy W	1210	22 S2	Ltd 73 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1150	52	Tank SE corner (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Polelines sur fld.
Cedar (Minneapolis)	8.5 S, RR W	811	28	
Coleraine	0.8 SSE	1390	25 S3	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming OLF (South St. Paul)	1.8 S, riv E	822	15h	(N)
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	28 S1	80 oct. Poles SE, SW
Gervais (Tofte)	1.2 NE,hwy S	800	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	91 oct.
Kenyon	0.8 S,RR E	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 R1 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	20 S1	80 oct.Poleline SSW. Rolling.
Litchfield	1.2 NE,RR S	1140	24 S1	Ltd 80 oct. Trees W.
Littlefork	1.8 WNW,riv E	1153	19 S1	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	30 S1	80 oct. Poleline E.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	16 S1	80 oct.Poles S,SE; trees SW.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
Robbinsdale	0.8 NW,RR E	879	17 S6	80 oct. Obsts N, S.
St. Paul	1.5 SE,riv E	704	55h L4	
St. Peter	2.4 NNW,riv E	900	23	Poleline S.
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W,RR S	950	23 S4	80 oct. No sto.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S2	73 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 L1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN (Minneapolis) (NAS)	6.5 SSE,hwy S	834	59h R2 L4 S6	87-100 oct. JP-1. Rdo rec required. No sto. Ltd maint fac.
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W.

WISCONSIN

Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30 S2	80,91 oct.Pole line W, S.
Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80 oct. Data not verified.
Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	

NEW AIRPORTS

Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). ➔ NEW OR REVISED DATA.

14 MINNEAPOLIS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

95° 94° 93° 92° 91° 90°

50 48 47 46 45 44

25 MILES 0

N STATUTE

BALDETTE

CAN MINN.

LITTLE FORK

ELY

GERVAIS

VIRGINIA

HIBBING

COLERAINE

GRAND RAPIDS

OTIS LODGE

BEMIDJI

WILLIAMSON-JOHNSON

DULUTH 221

RICHARD BONG

ASHLAND

GOGEBIC CO.

WYMAN

HEYWOOD

BRAINERD

CAMP RIPLEY

HAYWARD

SPOONER

PRICE LAKE

PHILLIPS

RICE LAKE

ARROWHEAD

RUSK CO.

TAYLOR FALLS

AMERY

CHETEK

DALLAS

PINES

TAYLOR CO.

BOYCEVILLE

ALEXANDRIA 239

WHITNEY MEM.

PRINCETON

MONTICELLO

ANOKA

LITCHFIELD

ANDERSON FLD 31

OSBEO

VICTORY

U. OF MINN.

MINNEAPOLIS 266 (116 T)

NORTHPORT

HUDSON

ST PAUL

FLEMING OLF

WILLMAR 254

ROBBINSDALE

WOLD-CHAMBERLAIN 278 (118.3, 126.1R)

FLYING CLOUD

HASTINGS

JORDAN

HECTOR

SIOUX FALLS 245

CEDAR

LE SUEUR

CARLETON

ST. PETER

NEW ULM

FARIBAULT

KENYON

ROCHESTER 236

MANKATO

WASECA

OWATONNA

PLEASANT CORNERS

DES MOINES 31

VETERANS

EAU CLAIRE MUN.

CHIPPEWA FALLS

COLBY-ABBOTSFORD

EAU CLAIRE

LAKE CITY

SCHLOSSER

RED WING

NEILLSVILLE

MARSHFIELD

JACKSON CO.

WINONA

LA CROSSE 371

WISC 2 D.A

SAULT STE MARIE 15

MOST HEAVILY TRAVELLED AIRWAYS ON SIDES OF QUADRANTS

FARGO 11

WOLF WILLIAMS

COOD

171

193

269

89

COOD

COOD

WISC MICH

WISC MINN

192

13

COOD

COOD

COOD

SAULT STE. MARIE 15

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(E): EXTREMELY HAZARDOUS (U)-USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

SAULT STE. MARIE
356
(1161)

PELLSTON
206
On request

TRAVERSE CITY
365
(1161)

CADILLAC
269
On request

GLADWIN
257
On request

MINNEAPOLIS 14 | CHICAGO 34 | GRAND RAPIDS 35 | DETROIT 38

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(MKK)	MRT	(4)
GLADWIN	257 (GU)	MRT	(4)
PELLSTON (Emmet County)	206 (PJ)	MRT	(4) (6-22)
SAULT STE. MARIE	358 (VC)(116.1)	SBMRAZ-VDT,317°,2.2	(4); 116.1
TRAVERSE CITY	365 (TG)(116.1)	SBMRAZ-VDT,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising) (NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, [illegible] TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R. (Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S+ NE corner rough.
(P) Dr. A. L. Haight (Crystal Falls)	0.3 ENE,lake E	1390	34 S4	80 oct. Trees, bldgs W.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct. Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct. Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct. Radio twr W,N, lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 R1 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct. All lgts prior req. ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct. Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct. Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.
[illegible]				
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct. Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80,91 oct. Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct. Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct. No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O'Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1285	22	Pole line NE.
(P) Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct. Pole line E,W. Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co. (Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct. Poles SW. Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S6	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct. P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct. Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W.
Wisconsin Valley Inc. (Wausau)	7 S		34 S2	83 oct. Data unver. Rnwy data unver.
Kublak's (Pulaski,Wisc)	1.2 E	781	26 S4	Data unver.
(P) Masons (Grayling,Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.

RADIO — MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-VDT;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-VDT;172°,2.1	(4);116.1
➙ DOW (Bangor)	278 (126.18)+	CA (ILS)	(3);126.18.118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ).	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-VDT;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
➙ Presque Isle AAF	278 (126.18)	AC(ILS);189°,3.4	(4);118.7,122.5,116.1.126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)
NEW YORK			
MASSENA	108.7(ME)	VARW	
VERMONT			
BURLINGTON	323(JG)(116.1)	SBRAZ-VDT	(3); 116.1
Burlington Airport	278(126.18)	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2 8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9 (W)		150°Mag.	IM- ····· (0.06)	MM- -·-· (0.89)	OM- --(4.80)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9 (W)		10°Mag.	IM- ·····(0.05)	MM- ·-·· (1.00)	OM- --(5.00)
					MMK- 201 (1.00)	OMK- 219 (5.00)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice; 2-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs.

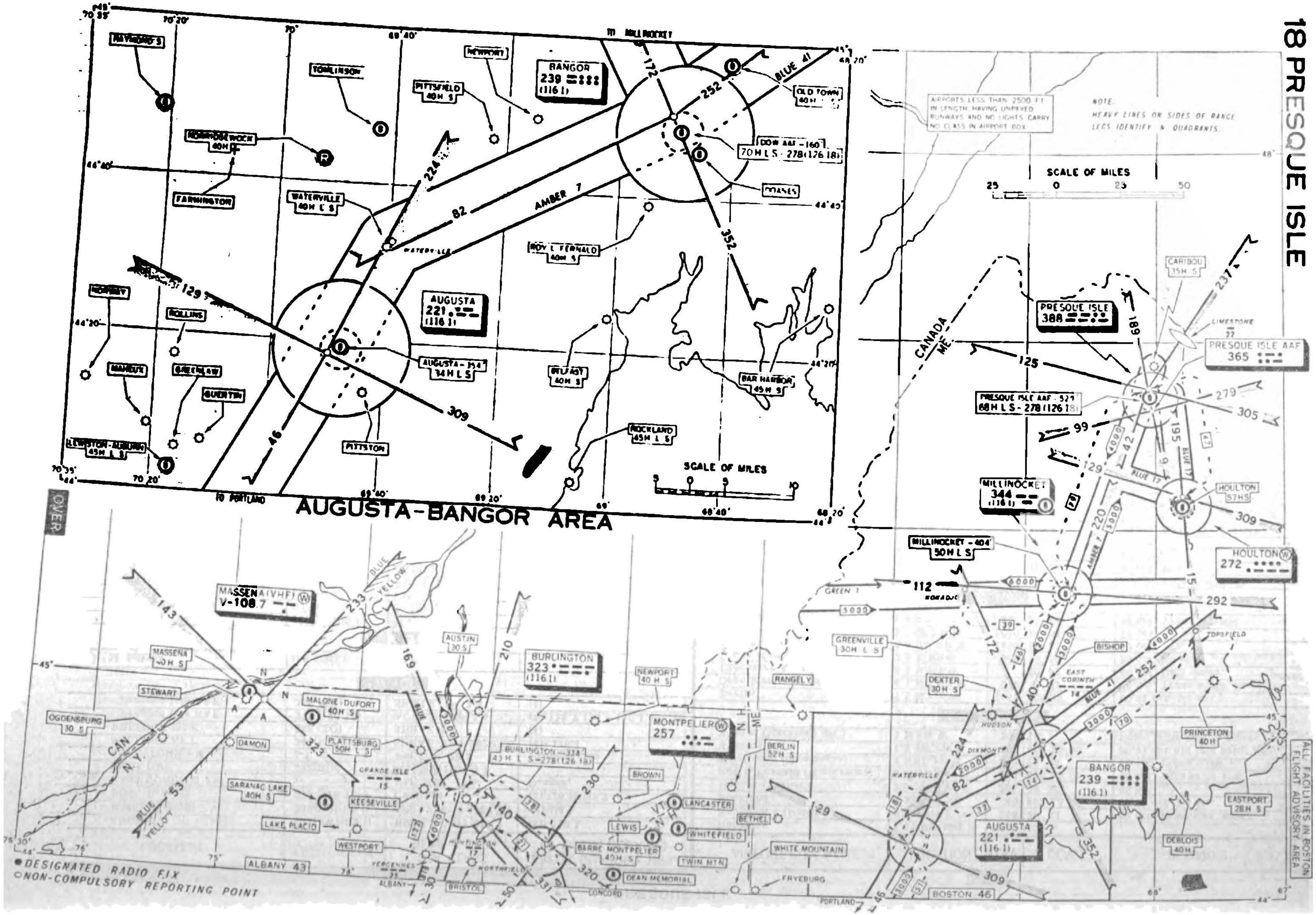
AIRPORTS — MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L3 S6	80 oct. Lgts prior req.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

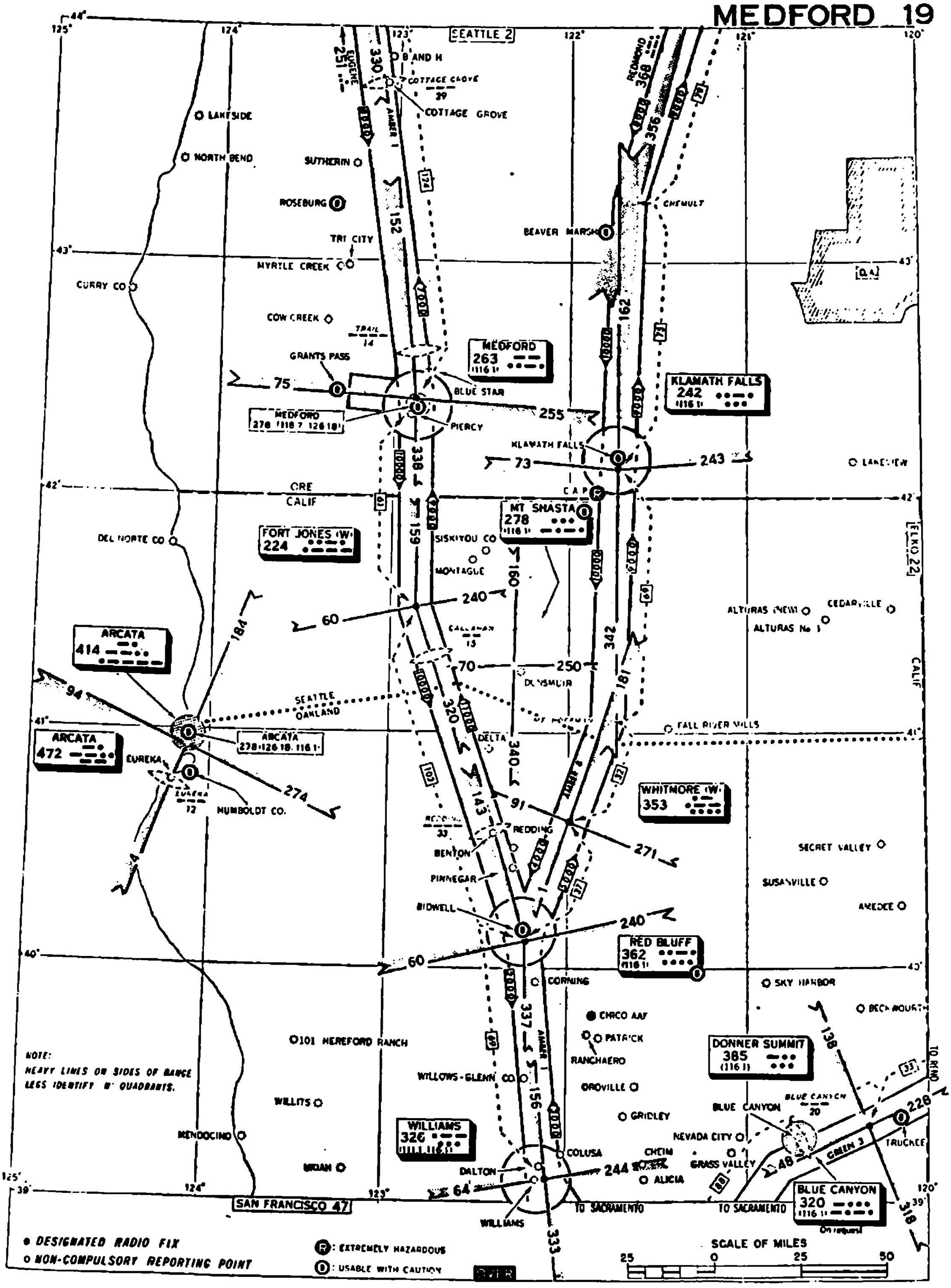
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted). ➙ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.
NEW HAMPSHIRE				
Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	21 S1	80 oct. Trees N,NW.Rnwy data unver.
Lancaster Arpk.	0.3 N,riv W		20 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
White Mountain (No.Conway)	1.9 SSE	540	23 S4	80 oct. Trees W, NW.
NEW YORK				
Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.
VERMONT				
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.


AUGUSTA-BANGOR AREA
RANGOR 239 (116.1)
AUGUSTA 221 (116.1)
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
MILLINOCKET 344 (116.1)
MILLINOCKET - 404 50 H L S
HOULTON 272
BURLINGTON 323 (116.1)
MASSENA (VHF) V-108.7
MONTPELIER 257
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
HOULTON 57 H S
CARIBOU 135 H S
GREENVILLE 30 H L S
DEXTER 30 H S
BURLINGTON - 334 43 H L S - 278 (126.1R)
AUGUSTA - 334 34 H L S
PRESQUE ISLE AAF - 522 68 H L S - 278 (126.1R)
MILLINOCKET - 404 50 H L S
SCALE OF MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
OVER

MEDFORD 19


SEATTLE 2
B AND H
COTTAGE GROVE
COTTAGE GROVE
39
LAKESIDE
NORTH BEND
SUTHERLIN
ROSEBURG
TRI CITY
MYRTLE CREEK
CURRY CO
COW CREEK
TRAIL
14
GRANTS PASS
75
MEDFORD
263
MEDFORD
278 218 7 126 18
BLUE STAR
PIERCY
255
MEDFORD
263
KLAMATH FALLS
242
KLAMATH FALLS
73
243
LAKEVIEW
CHEMULT
BEAVER MARSH
RICHMOND
368
356
162
CRE
CALIF
MT SHASTA
278
FORT JONES (W)
224
DEL NORTE CO
SISKIYOU CO
MONTAGUE
159
160
240
60
184
ARCATA
414
ARCATA
472
94
SEATTLE
OAKLAND
ARCATA
278 126 18 116 1
EUREKA
EUREKA
12
HUMBOLDT CO.
274
70
250
DUNSMUIR
342
181
320
340
143
91
DELTA
REDDING
271
WHITMORE (W)
353
FALL RIVER MILLS
ALTURAS (NEW)
ALTURAS No 1
CEDARVILLE
SECRET VALLEY
SUSANVILLE
ANEDEE
BIDWELL
240
RED BLUFF
362
60
CORNING
SKY HARBOR
BECKWOURTH
CHICO AAF
PATRICK
RANCHAERO
OROVILLE
GRIDLEY
DONNER SUMMIT
385
BLUE CANYON
BLUE CANYON
20
NEVADA CITY
GRASS VALLEY
ALICIA
GREEN 3
48
TRUCKEE
228
TO RENO
138
BLUE CANYON
320
On request
TO SACRAMENTO
TO SACRAMENTO
316
333
337
156
WILLOWS-GLENN CO
WILLITS
101 HEREFORD RANCH
MENDOCINO
WILLIAMS
326
COLUSA
DALTON
244
64
WILLIAMS
CHICO
SAN FRANCISCO 47
ELKO 22
CALIF
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R' QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

[redacted] CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS); 4°, 3	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
← BIDWELL (Red Bluff)			DECOMMISSIONED
BLUE CANYON	320 (BC)(116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-VDT	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-VDT, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-VDT,323°,2.5	(4); 116.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
← WILLIAMS (Int.)	326(WS)(116.1) 111.1	SBMRAZ-VDT,244°, 2.2	(4);116.1,122.1

[redacted]

COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-VDT;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-VDT	(3); 116.1
Medford	278 (126.18,118.7)+	AC; 158°, 2.4	(4):126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA, CALIF.	109.5 (W)	332.6	312° Mag.	IM- (0.14)	MM- ····· (0.66)	OM -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	65h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct. NATS
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
← Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1520	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(P) Fall River Mills	1 N,riv E	3300	26	

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
← Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct. No sto.

[redacted]

* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S1	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4726	53h L5 S6	80,91 oct.
(A,N) MEDFORD	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
← 101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). ← NEW OR REVISED DATA

ELKO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ BOISE (Air Term.)	350 (BE)	SBRAZ-DT, 110° 2.5	(3)
→ BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);131.9,126.18, 118.3,122.8
EAGLE FM	(- - - -)	FM, 301°, 11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise
NEVADA			
BATTLE MTN.	281(BP)(116.1)	BMRLZ-VDT, 301°, 5,5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-VDT, 200°, 0.8	(4), 116.1
→FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-VDT 228°, 2.6	(4):116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-VDT 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno
HUBBARD (Reno)	278	C1	(4) (Wed.Sat.Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

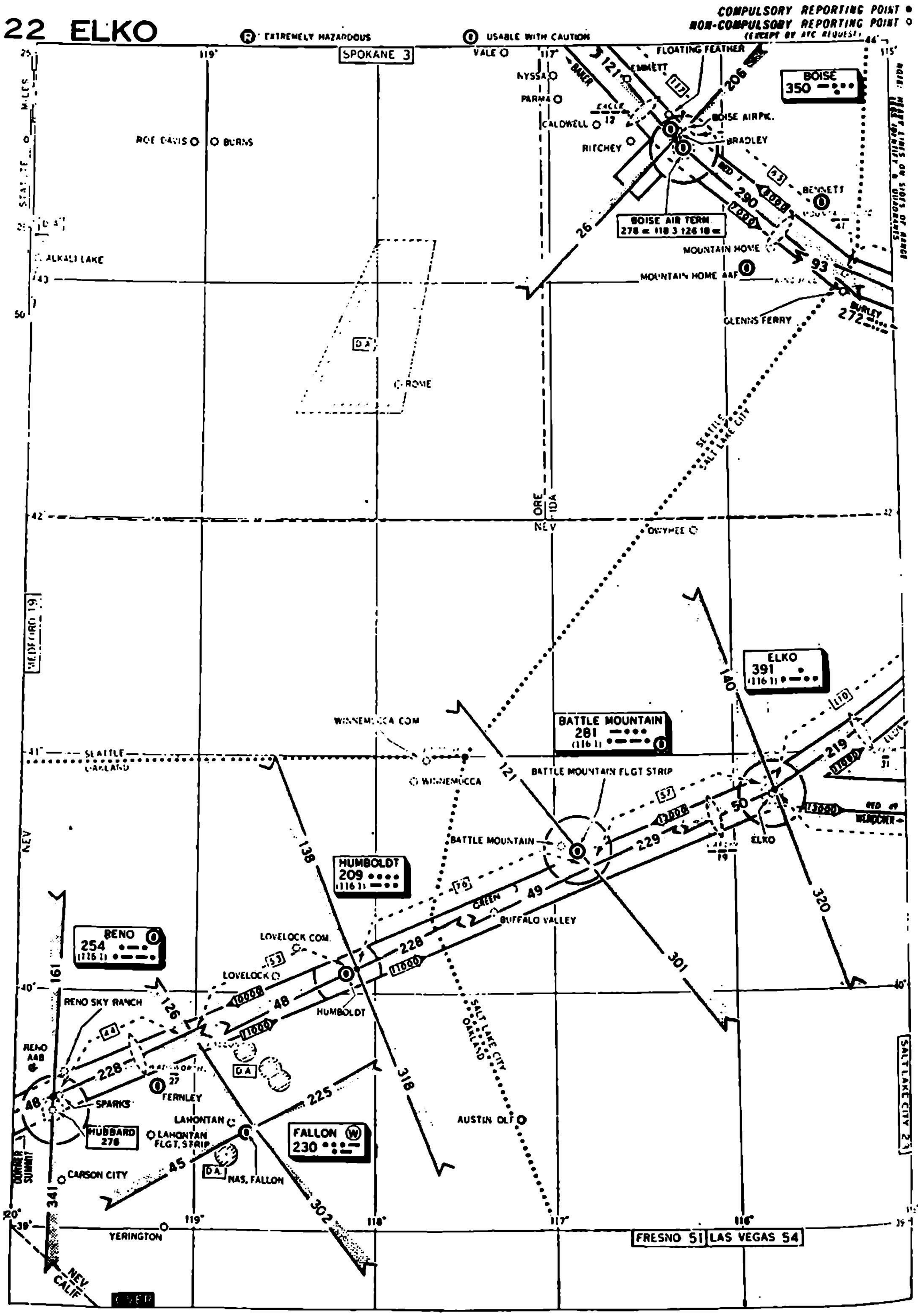
AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE. NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1,3 W,RR N	2370	32 S6	80,91 oct.Trees NW. bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
→ GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page II)(NC)-Not Charted → NEW OR REVISED DATA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Battey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO	1.8 W,RR S	5066	62h R1 L5 S4	73, 91 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAS	6 SE,hwy S	3931	70h	INACTIVE
→ HUBBARD (Reno)	3.4 SE,RR N	4404	84h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	on prior req.
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.
UTAH				
Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S1	80 oct, P-line NE.
AIR CARRIER AIRPORTS				
→ BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

22 ELKO


COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
SPOKANE 3
VALE O
NYSSA O
PARMA O
CALDWELL O
RITCHEY O
FLOATING FEATHER
EMMETT
BOISE AIRPK.
BRADLEY
BOISE 350
BOISE AIR TERM
278 ∝ 118 3 126 18 ∝
BENNETT
MOUNTAIN HOME
MOUNTAIN HOME AAF
GLENNS FERRY
BURLEY 272
ROE DAVIS O
O BURNS
ALKALI LAKE
O ROME
SEATTLE
SALT LAKE CITY
OLYMPEE O
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NEV
IDA
WINNEMUCCA COM
WINNEMUCCA
BATTLE MOUNTAIN
281
BATTLE MOUNTAIN FLGT STRIP
ELKO
391
HUMBOLDT
209
LOVELOCK COM.
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RENO
254
RENO SKY RANCH
RENO AAB
HUMBOLDT
SALT LAKE CITY OAKLAND
GREEN
BUFFALO VALLEY
FERNLEY
SPARKS
LAHONTAN
LAHONTAN FLGT. STRIP
HUBBARD 278
FALLON W
230
NAS, FALLON
AUSTIN OLF
CARSON CITY
DONNER SUMMIT
YERINGTON
NEV CALIF
SEATTLE OAKLAND
SALT LAKE CITY 2
FRESNO 51
LAS VEGAS 54
MILES
BOISE AIRWAYS OBSTACLE GUIDEBOOK

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E EXTREMELY HAZARDOUS D USABLE WITH CAUTION

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

NOTE: HEAVY LINES ON EDGES OF RANGE LEGS INDICATE "A" BOUNDARIES.

GREAT FALLS 6 · ST ANTHONY · IDAHO FALLS 359 · FRIEDMAN · CAMAS CO. · ALBERT · FLYING BAR'S · BURLEY 272 · POCATELLO · IDAHO FALLS · POCATELLO AAF · ABERDEEN · MAYFIELD · UNIVERSITY · POCATELLO 257 · GOODING (NEW) · JEROME · TWIN FALLS · BURLEY · AMERICAN FALLS · MALAD CITY 314 · IDAHOME · STREVELL · MONTPELIER · BEAR LAKE CO. · GEORGETOWN · IDAHO NEV. · STREVELL 335 · MALAD CITY · PRESTON · LUCIN 302 · LOGAN-CACHE CO. · HALL CREST · OGDEN 263 · BRIGHAM · HINCKLEY 284 · HUNTSVILLE · EVANSTON · FORT BRIDGER 382 · LUCIN · PROMONTORY POINT · GREEN · WELLS · WENDOVER AAF · LAYTON · HILL AAF · BOUNTIFUL · VENTURA · LOW · TIMPIE · KNOLLS · GRANTSVILLE · SALT LAKE NO. 2 · MIDVALE · ALTA · SALT LAKE CITY NO. 1 · UTAH CENTRAL · SALT LAKE CITY 227 · WENDOVER 240 · TOOELE · RIVERTON · FAIRFIELD · DUGWAY AAF · PROVO · SPANISH FORK · FAIRFIELD 362 · NEPHI · MT. PLEASANT · DELTA 212 · CLEVELAND · MANTI-EPHRAIM · YELLAND · DELTA · TO MILFORD · LAS VEGAS 54 · WINSLOW 55 · ROCK SPRINGS 261 · TO BLISS

[redacted] IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
[redacted]URLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SBRAZ-DT;131°,3.4	(4)
POCATELLO	257 (PQ)	BMRLZ-DT, 56°,2.5	(4)
STREVELL	335 (TV)	MH	(4)
[redacted]			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-VDT, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (JL)(116.1)	BMRLZ-VDT,2°,4.4	(4); 116.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-VDP,156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-VDT,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-VDTX	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 2.9	(4); 122.5,118.3,126.18
TIM[redacted]E FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	278 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°,2.4	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE, UTAH	110.3 ·--· (W)	335	343° Mag.	IM-	MM- ·-·- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding (new)	3.5 WSW,hwy N	3730	49h L5 S4	81 oct.
Gooding (old)	4 SSW	3570	20	
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5800	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE.Rnwy data unver
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
INDIANA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
[redacted]				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE,	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(P) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L5 S6	73,80,91 oct.Rdo rec req.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.
WYOMING				
Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
NEW AIRPORTS				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct.Pwrline W. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC-(not charted). → NEW OR REVISED DATA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-VDT	4495,3117.5,116.1,131.7
GRAND JUNCTION (18.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-VDT (ILS)	3105,4496,3117.5:131.7, 116.1
[redacted]			
CASPER(Wardwell)	269(CW)(116.1)	SBRAZ-DTV;256°,2	(4):116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHVT	(4):116.1
LARAMIE (Gen'l. Brees Field)	245(LR) (116.1)	SBMRAZ-VDT 137°, 2.2	(4):116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-VDT, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-VDT, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM: 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3	335	110° Mag.	IM-	MM- •-•-(0.69)	OM- — — (4.52)
					MMK-	OMK-

§-Simul Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
[redacted]				
Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

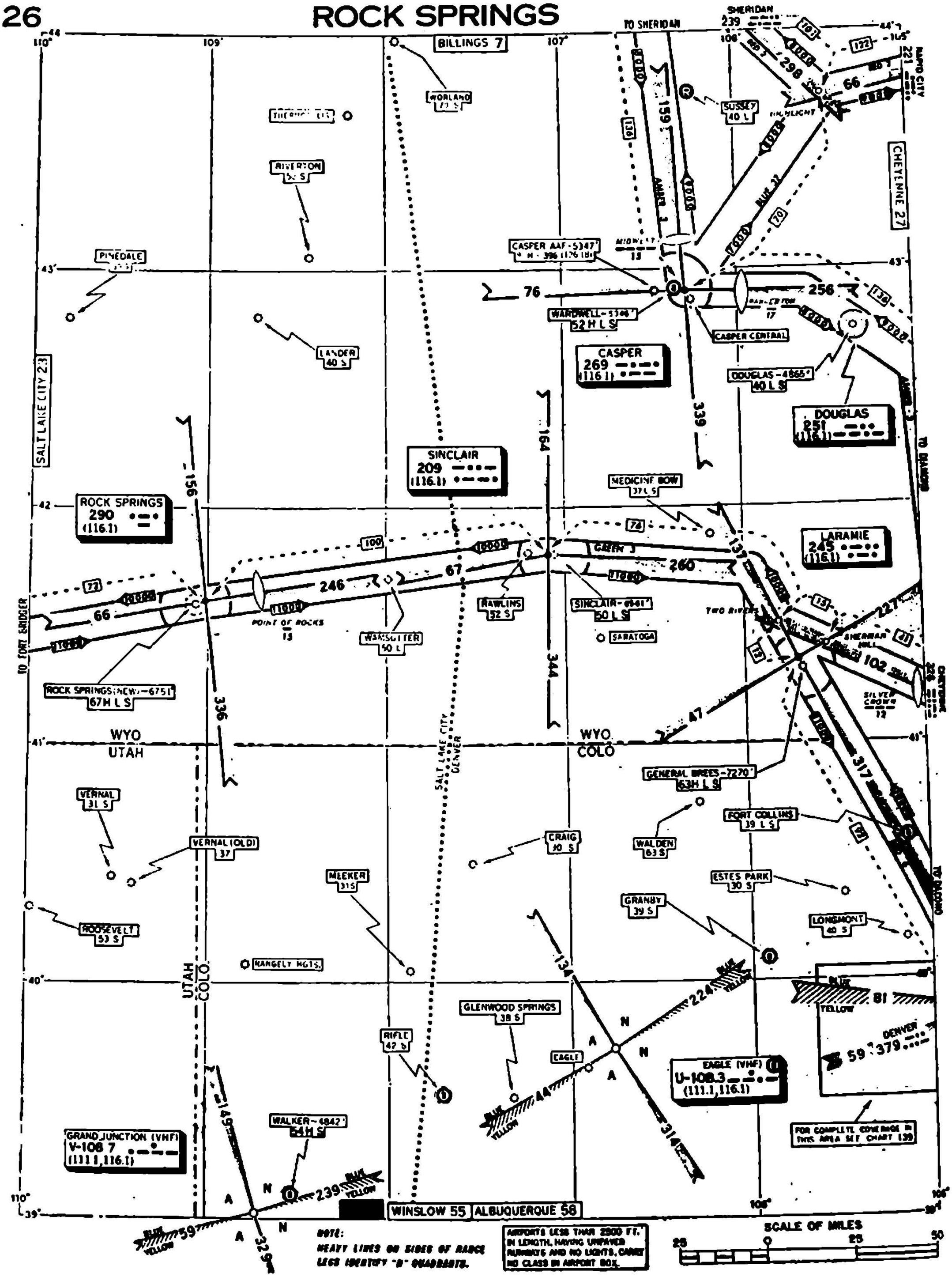
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1	
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR I S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct, P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

ROCK SPRINGS



CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓐ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRWAYS LEGS IDENTIFY A HAZARDS.

TO HIGHLIGHT

ROCK SPRINGS 26

TO CASPER

TO PUEBLO

TO GRAND ISLAND

TO OMAHA

TO KANSAS CITY

RED 2

MONDELL

BOURASSA

HOADLEY

HOT SPRINGS

EDGEMONT

RAPID CITY 221

346

WYO

NEB SD

LUSK

CRAWFORD

FORT ROBINSON

SCOTTSBLUFF 341

WHEATLAND

EAST SIDE

LINGLE

TORRINGTON

MITCHELL

SCOTTSBLUFF

BAYARD

LARAMIE 245

DIAMOND

CHEYENNE 278 ▭ 118.3 126.18 ▭

CHEYENNE 326

FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 139

DENVER 379

DACONO 30

HENDERSON

DENVER (VHF) W-109.1

AURORA 15

FRANKTOWN 30

CALHAN

PUEBLO

ALBUQUERQUE 58 | AMARILLO 59

BISMARCK 10

DA

MINNEAPOLIS

DENVER

FRESNO

BENNETT CO

SD

NEB.

CHADRON 206

CHADRON

GORDON MUN

HAY SPRINGS

ALLIANCE MUN

ALLIANCE AAF

SENECA

OMAHA 30

SIDNEY 314

IDLE ACRES

SIDNEY

OSHKOSH

BIG SPRINGS

CHAPPELL

OGALLALA

LEE BIRD

PAXTON

NORTH PLATTE 236

ARCHER

PINE BLUFFS

NEB COLO

LORENZO

GREEN 3

GOTHENBURG

JULESBURG

SCHWARTZ-JOHNSON

AKRON 368

GRAND ISLAND 260

STERLING

HOLYOKE

IMPERIAL

CURTIS

ALVIN

HAYES CENTER

McCOOK AAF

McCOOK

HAYES CENTER 400

YOUNG

DOUGLAS

AKRON

YUMA

WRAY

BENKELMAN

NEB KANS

ATWOOD

OBERLIN

LENORA

RODERICK

ANTON (VHF) (W) V-108.7

ST FRANCIS

COLO KANS

EDDIE HUTTON

COLBY

GOODLAND

GOODLAND (VHF) (W) U-108.3

GOODLAND (W) 353

MORLAND (VHF) (W) W-109.1

STAKE'S

FLAGLER

HUGO

BLUE YELLOW

RED

COVERAGE BELOW 5000 FT MSL

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV;155°, 2.4	(3);131.7,116.1
← DENVER (Stapleton Airfld)	109.1(DV)(111.1) (116.1)	VAR-DTXV 211°, 9.7	(3);131.7,116.1
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver
[redacted]			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
[redacted]			
← BIG SPRINGS (Int.)			DECOMMISSIONED
CHADRON	206(HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.2	(4); 116.1
NORTH PLATTE (Lee Bird)	236(NQ)(116.1)	SBRAZ-DTV;352°,2.2	(4);116.1,122.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1
WYOMING			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
CHEYENNE	326(CX)(116.1)	SBRAZ-DTV	(3); 116.1
Cheyenne Airport	278(126.18,118.3)	C; 76°, 0.9	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3) 3105 4495, 6210 kcs. (4) 3105, 4495, 6210, 31175 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army ACS transmits on and guards 116 1 137 88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;rd,riv S	4648	34	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4975	48 S1	73 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW; hwy W	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct.Poles S,SW.
[redacted]				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
[redacted]				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel.Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W.Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
(P) SCOTTSBLUFF	3.3 E;hwy S	3945	82h R1 L5 S1	80,91 oct.Lgts on req.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained.Rough.Poles NE.
SOUTH DAKOTA				
(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur lld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
WYOMING				
(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L6 S6	80,91 oct;73,91,100 oct Army.Poles W.
East Side (Wheatland)	0.7 E;RR W	4750	23 S4	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
(P) Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
(P) Young (Fort Morgan)(Colo)	6 N; hwy E	4460	52 S4	73 oct.
Lingle (Wyo.)	1.2 N;RR S	4200	30	Poleline SE
← Douglas (Akron,Colo.)	0.8 N	4400	28 S1	73 oct.

H-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing (See page ix) NC-(not charted) → NEW OR REVISED DATA

OMAHA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHVT	(4);116.1
CALIFORNIA FM	(- - - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)(116.1)	SBMRLZ-DTV	(3);116.1
Sioux City Arpt.	396(126.18,118.3)	AC; 337°,1.9	(4);126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW;211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK)(116.1)	MHVT	(4);116.1

NEBRASKA

→ GRAND ISLAND	260(GI)(116.1)	SBMRLZ-VDT	(4);116.1,122.1
Grand Island AAF	278 (126.18)	CA(ILS);165°,1.3	(3); 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-VDT, 170°,2.4	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
→ OMAHA	320 (OH)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Omaha Airport	278(118.5,126.18)	C(ILS);146°,0.8	(4);126.18,122.5,118.5
→ OVERTON			DECOMMISSIONED

SOUTH DAKOTA

SIOUX FALLS	245 (YL)(116.1)	SBRAZ-VDT,93°, 2.2	(4);116.1
KEARNEY AAF, NEBR.	396(126.18) +	CA	(4);126.18 (8-1630)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
OMAHA, NEB.	110.3 (W)	335	135° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.90)
					MMK-	OMK-
→ GRAND ISL AAF (A)	110.3 (W)	335	349° Mag.	IM- (0.08)	MM- ····· (1.00)	OM- -- (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1/4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct. Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct. Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct. 25' pole line S.
Liberty(Sutherland)	2.1 WSW,RR W	1465	23 S6	80 oct. 35' pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct. Trees W.
Missouri Valley	1.5 S,RR W	960	16 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct. Poles NE.
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct. P-line S,W,SW,
Shenandoah	2.8 W,RR SE	960	25 L S2	80 oct. Port rnwy lgts. SE.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.;91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.8 WSW,hwy S	1520	24 S2	78 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct. Data unver. RR NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	12 S1	80 oct. Poles N.RR S.
Hiawatha	1.3 WSW,RR E	1110	24 S1	80 oct. Pwr line N.
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct. No bcn. Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4	73 oct.
(A)Marshall (Ft. Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct. Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct. Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE,RR S	879	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE,RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2	80 oct. Pole line N,NW.
Wood Arpk.(Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct. No sto. P-line W.

MINNESOTA

McDowell (Luverne)	8 NW,hwy W	1440	25 S4	80 oct.
Pipestone	1 SE,RR E,W	1735	20 S4	Ltd 80 oct.
Worthington	1.5 NNE		32 S6	90 oct Data unver

MISSOURI

Craig	0.6 NE,RR SW	1[illegible]	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2580	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22	Trees S. Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	26 S6	80 oct. P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	38h S4	80 oct. Twrs S,SW. Rnwy data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct. Windmill NW
* Brainard Int,82.SL-OH	5.5 SW,hwy W	1640	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
(A)Bruning AAF (A)	7.7 E,RR N	1544	68h	CLOSED
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct. P-lines W,S.
Clay Center	1.5 E,hwy N	1800	26 S2	73 oct. N.E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct. Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SSW.
Crete	1 S,RR NE	1368	24 L3 S2	73 oct. Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct. Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct. Poles NE,trees NW.
Elgin	0.8 SW,RR E	1930	16 S6	80 oct. Bldgs SE,N.
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct. Port rnwy lgts. P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
Falls City	2 SSW,riv N	910	14 S1	Ltd 80 oct. P-line N,W.
(P)Fremont	1.4 WNW,RRs NE	1203	38h S4	80 oct. Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2	CLOSED. Twr SW.
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RRs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line 8 80 oct. S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct. Pole NNW,SSW;
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E. bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct. Trees N;p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1 L5 S6	73,91,100 oct. No sto. JP-1
Lexington	1 W,RR S	2400	32 S5	Data unver.
(P)Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct. Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct. Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohlowa	3 SW	1572	20	Fence sur fld. Data unver
OMAHA	3.5 NE,lake W	982	54h R3 L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian(Cozed)	0.8 SW,RR N	2490	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 L3	Bldgs,trees NW;poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct. Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
(A)Scribner AAF(A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct. Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct. All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct. P-line NW. req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW.
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

[illegible] DAKOTA

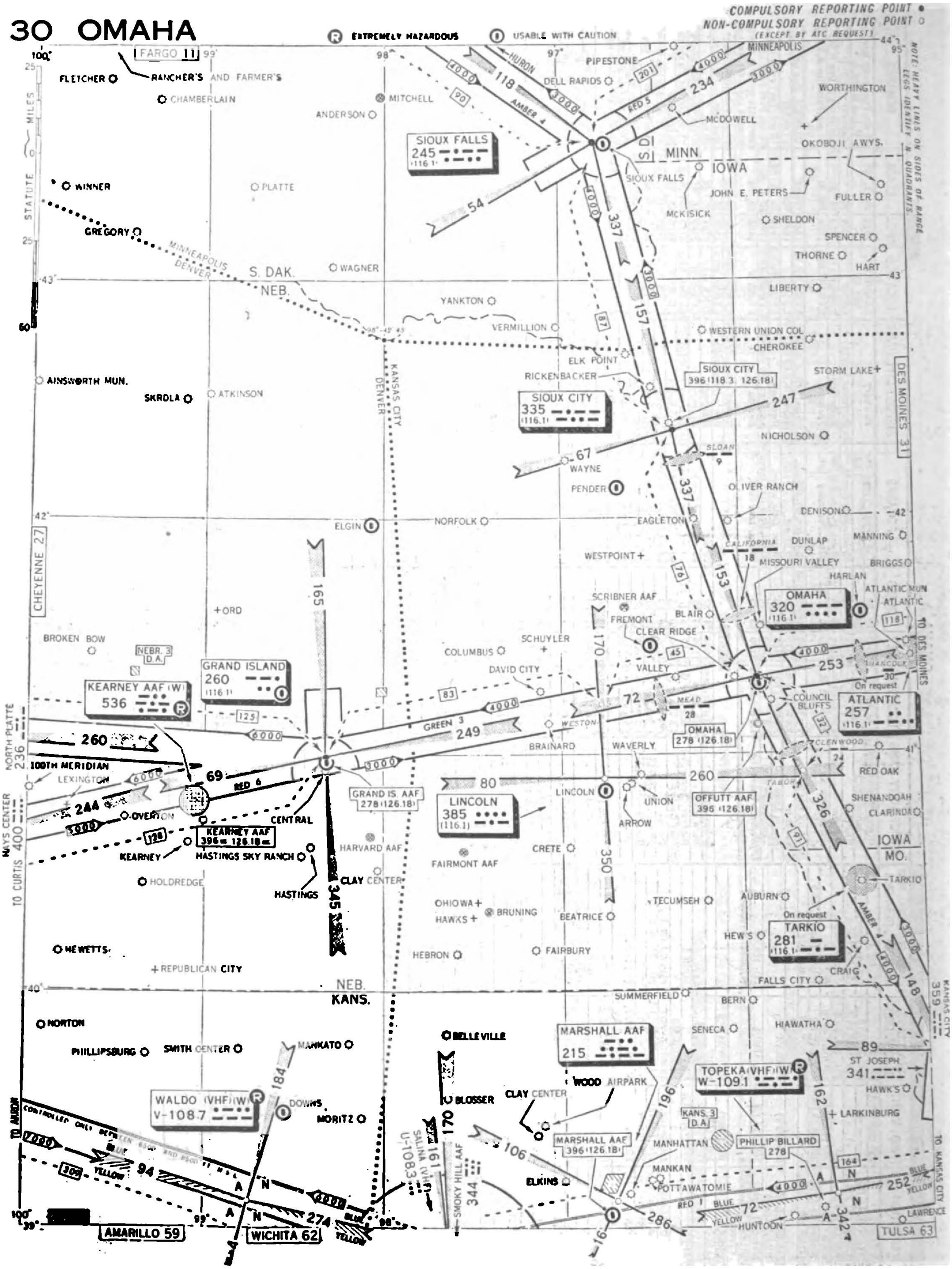
Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct. Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct. Poles N,NW,
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct. Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct. Pole line E,SE.
(A)Mitchell AAF (A)	4 N,hwy E	1292	67h	CLOSED
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct. Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens	1 N,riv E	1114	28 S6	80,91 oct.
SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S6	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.

NEW AIRPORTS

Hawks (Bruning)Nebr.	4 SE; hwy N	1500	26 S2	Fuel Data unverified.
Valley Nebr.	1.8 NW;RR NE	1053	22 S1	80 oct.
(P) Skrdla (Stuart, Nebr.)	7.5 S	2090	30 S1	73 oct.
Republican City, (Nebr.)	0.5 NW; RR S		30 S6	80,91 oct. Flares in emerg.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 81) NC-(not charted). → NEW OR REVISED DATA

30 OMAHA


R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION
COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.
STATUTE MILES
FARGO 11
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
MITCHELL
ANDERSON
PIPESTONE
MINNEAPOLIS
HURON
DELL RAPIDS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS 245
SIOUX FALLS
MINN.
IOWA
WINNER
PLATTE
GREGORY
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
MINNEAPOLIS DENVER
S. DAK.
NEB.
WAGNER
YANKTON
VERMILLION
LIBERTY
WESTERN UNION COL
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY 335
SIOUX CITY 396 (118.3, 126.18)
STORM LAKE
DES MOINES
AINSWORTH MUN.
SKRDLA
ATKINSON
KANSAS CITY DENVER
NICHOLSON
SLOAN
WAYNE
PENDER
OLIVER RANCH
DENISON
CHEYENNE 27
ELGIN
NORFOLK
EAGLETON
CALIFORNIA
DUNLAP
MANNING
WESTPOINT
MISSOURI VALLEY
BRIGGS
HARLAN
ATLANTIC MUN
ATLANTIC
SCRIBNER AAF
FREMONT
BLAIR
OMAHA 320
CLEAR RIDGE
SCHUYLER
COLUMBUS
DAVID CITY
VALLEY
BROKEN BOW
NEBR. 3 D.A.
GRAND ISLAND 260
KEARNEY AAF (W) 536
COUNCIL BLUFFS
ATLANTIC 257
MEAD
OMAHA 278 (126.18)
WESTON
BRAINARD
WAVERLY
CLENWOOD
RED OAK
NORTH PLATTE
100TH MERIDIAN
LEXINGTON
OVERTON
KEARNEY AAF 396 (126.18)
KEARNEY
HASTINGS SKY RANCH
CENTRAL
GRAND IS. AAF 278 (126.18)
LINCOLN 385
LINCOLN
UNION
ARROW
OFFUTT AAF 396 (126.18)
TABOR
SHENANDOAH
CLARINDA
IOWA
MO.
HOLDREDGE
HASTINGS
CLAY CENTER
HARVARD AAF
FAIRMONT AAF
CRETE
TARKIO
OHIOWA
HAWKS
BRUNING
BEATRICE
TECUMSEH
AUBURN
HEWETTS
REPUBLICAN CITY
HEBRON
FAIRBURY
TARKIO 281
HEWS
CRAIG
FALLS CITY
NEB.
KANS.
SUMMERFIELD
BERN
NORTON
BELLEVILLE
MARSHALL AAF 215
SENECA
HIAWATHA
PHILLIPSBURG
SMITH CENTER
MANKATO
BLOSSER
WOOD AIRPARK
TOPEKA (VHF) (W) W-109.1
ST JOSEPH 341
HAWKS
WALDO (VHF) (W) V-108.7
DOWNS
MORITZ
CLAY CENTER
KANS. 3 D.A.
LARKINBURG
MARSHALL AAF 396 (126.18)
MANHATTAN
PHILLIP BILLARD 278
SALINA (VHF) U-108.3
SMOKY HILL AAF
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
LAWRENCE
AMARILLO 59
WICHITA 62
TULSA 63
TO AMARILLO
TO KANSAS CITY
TO KANSAS CITY
TO DES MOINES
TO DES MOINES
TO CURTIS
HAYS CENTER
CHEYENNE 27
KANSAS CITY DENVER
MINNEAPOLIS DENVER
118
AMBER 4
234
RED 5
54
337
157
247
67
337
253
On request
72
MEAD
28
260
69
RED 6
244
80
350
153
326
91
345
170
106
344
161
94
274
184
196
162
89
148
359
100
99
98
97
95
44
43
42
41
40
39
25
0
25
60

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC CLEARANCE)

Ⓡ EXTREMELY HAZARDOUS

Ⓛ USABLE WITH CAUTION

DES MOINES 34

MINNEAPOLIS 14

ROCHESTER 278 (118.7)

ROCHESTER 236 (116.1)

LA CROSSE 371 (114.1)

MASON CITY 227 (116.1)

LONE ROCK 278 (115.1)

IOWA CITY 248 (115.1)

MOLINE 224 (114.1)

KIRKSVILLE 391 (116.1)

ST JOSEPH 341 (116.1)

CHILLICOTHE 242 (116.1)

DES MOINES 212 (126.1)

DES MOINES 270 (108.3, 126.1)

BURLINGTON 326 (116.1)

COLUMBIA 379 (116.1)

NEW FLORENCE 385 (116.1)

ST LOUIS 209 (116.1)

KANSAS CITY 359 (116.1)

MARSHALL 281 (116.1)

KANSAS CITY 270 (118.3, 126.1)

ROSECRANS 270 (118.7, 126.1)

FAIRFAX AAF 270 (108.9, 126.1)

ROSECRANS 270 (118.7, 126.1)

MINN. IOWA

IOWA MO

FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143

TULSA 63 | ST LOUIS 66

10 ADVANCE

ILLINOIS

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS GUARD, HRS. OF OPER., REMARKS
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
MOLINE	224(MO)(116.1)	SBRAZ-VDT,142°,12	(4), 116.1
Moline Airport	278	ML, 86°, 2.3	3105 (on req)

IOWA

BURLINGTON	326 (BN)(116.1)	SBRAZ-DTV,357°,1.9	(4);116.1
DES MOINES	212 (DM)(116.1)	SBRAZ-VDT	(3), 116.1,122.1
Des Moines Arpt.	278(126.18,118.3)	C, 344°, 2	(4):126.18,122.5,118.3
EARLHAM FM	(- - - -)	FM, 258°, 26.3	Des Moines
IOWA CITY	248 (IX)(116.1)	BHTV	(4):116.1
LUCAS FM	(- - -)	FM, 164°, 27.2	Des Moines
MASON CITY	227(NM)(116.1)	MHVT	(4)-116.1Oper. cont.
MONROE FM	(- -)	FM, 78°, 23.5	Des Moines
→MONTEZUMA(Int)			DECOMMISSIONED
OTTUMWA NAS	272 (142.74)	CN	(3), 142.74

KANSAS

FAIRFAX (Kansas City)	278 (126.18) (118.9)	C	(4),126.18,122.5,118.9
SHERMAN (Ft. Leavenworth)	396 (126.18)+	CA	(3),126.18 cont.ex-cept Sun.(23-7)

MINNESOTA

ROCHESTER	236(RR)(116.1)	BMRLZ-VDT	(3); 116.1
→Rochester Airport	278(118.7)	C 350°,2.6	(4);118,7,122,5

MISSOURI

CHILLICOTHE	242(CK)(116.1)	MHTV	(4):116.1
EXCELSIOR SPRGS FM	(-)	FM, 52°, 27	Kansas City
KANSAS CITY	359(KC)(116.1)	SBRAZ-DTXV	(3);116.1,122.1
→Kansas City Arpt.	278 (126.18) (118.3)	AC (ILS),148°,2.9	(4);126.18,118.3, 122.5
KIRKSVILLE	391(KR)(116.1)	BMRLZ-DTV,333°,0.9	(4);116.1
LINKVILLE FM	(- - - -)	FM, 328°, 11.4	Kansas City
MARSHALL (Int)	281 (MH)(116.1)	MHTV	(4):116.1
ROSECRANS (St. Joseph)	278(126.18, 118.7)	C,356°,3.7	(4);126.18,118.7,122.5
→ST. JOSEPH (Rosecrans)	341(ZJ)(116.1)	SBMRLZ-DTV	(3);116.1,122.1

WISCONSIN

LA CROSSE(Int)	371(LE)(116.1)	SBRAZ-VDT,127°,1.8	(4), 116.1
LONE ROCK (Int.)	278(LK)(116.1)	BMLZ-VDT,98°, 0	(4), 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER (G.P. ANGLE, BEAR.)	(MARKER BEAC. & RELEASE TELLS COMPASS LOCATORS)
KANSAS CITY, MO.	109.9 (W) 333.8 171° Mag	·· ····· (0.01) ·· ·· (4.65) MMK-221 -·-· (2.8) OMK-249 -·- (11.0)

S-Simul. Range and Voice. W-Without Voice. 2 VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Beardstown	1.5 SE; RR N,W		18 S2	80 oct. Data unverified.
→Carthage	1.5 SSW,RR E	665	24 S6	80 oct. Poleline E.
* Chesterfield Int, 4, LS-CG	3 ENE,hwy N	612	26 L3	
Galesburg	4.3 NW; hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked
→Hi-Way(Fiatt)	1.3 WNW;hwy S	665	20 S4	80 oct.35'poleline S,E.
Jacksonville	3.9 S,hwy E	650	19 S4	80 oct. P-line E,SE
→Macomb	2.4 E,hwy E	695	23 S6	73,80 oct.N,NE blkd,
Matanzas(Havana)	4 S,riv W	480	24 S2	80 oct.Unverif.Poles NW
(P) MOLINE	4 S;hwy E,N	590	40h R1 L6 S6	73,80,91;100 oct Army.
Monmouth	1.5 NNE,rd E	770	31 L1 S6	80 oct.Poleline E,W,S.
Negus(Alexander)	2.8 WNW,RR SE	645	22	PRIVATE. SE,S,SW
(P)Quincy	2.8 SE,hwy E	650	26 S6	80,91 oct.E blkd.P-line
St. David	1.5 SW,RR N	628	22 S2	80 oct. 200' stack NE

IOWA

Adair	1.5 SSE,RR NW	1350	18 S1	Ltd 73 oct.Trees S.
Adamson Airways	4.8 WSW,hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW,RR NW	920	25 S6	80 oct.Lgt acft only.
Armstrong	3.2 NW,hwy S	1250	22 S1	Ltd 80 oct.Trees E.
Audubon Arwys	1 SSE,RR W	1300	15 S1	80 oct. (Audubon)
Beaver	3.4 NW	900	25 S6	80 oct. (Des Moines)

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13). NC (not charted).
→ NEW OR REVISED DATA

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellevue	3 N,RR W	652	19 S1	80 oct.
(P)BURLINGTON	1.7 SSW,hwy E	698	54h R1 L5 S6	80,91,100 oct.
Canfield(Waterloo)	3.5 NW,RR NE	800	32 S6	87 oct.Pole line N
Carroll	4.2 ESE,RR N	1196	34 S2	80 oct.
(P)Cedar Rapids	6.7 SSW,RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW, RR N	1017	25 S2	80 oct.Use strips only
Chapman(Waterloo)	5 E,RR NW	870	33 S6	80 oct.Poleline S.
Chariton C.A.P.	2.3 NNE,RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	30 oct.
Clermont	0.8 S,riv W	800	21 S6	80 oct.Poleline SE,NE.
Clinton	6.2 WSW,RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts.
Columbus Jct.	3 N,RR E	580	28 S2	80 oct.Poleline N,E lgts.
Conrad	3 WNW,RR S	1000	23 S2	80 oct.27' bldg E.
Cram (Davenport)	2.5 NW,RR SW	646	21 S6	80,91,100 oct.
Creston Arwys	1.6 NE, RR W	1320		UNUSABLE.(NC)
(A)DES MOINES	4.5 SSW,RR W	950	57h R2 L5 S4	80,91 oct.ARMY TMP INACT:CIVIL FACS
Dodge (Grimes)	5.5 E,hwy,RR E	835	27 S6	80 oct.
Dows	1.5 SSE,RR NE	1144	26 S2	80 oct.
Dressler(Anita)	7 SSE,rd W	1250	17 S2	80 oct.Trees S.
(P)Dubuque	1.9 NE,riv E	602	27 S6	80 oct.Poles SE,NW.
Dyersv'l Arwys (Dyersville)	0.8 S, RR NE	940	16 S1	80 oct.Pwrlines NW,NE
Elliot Fly.Svc.	Adj S	550	Unl. S1	80 oct. (Davenport) (NC)
(P)Emmerts(Eldora)	2.8 NE,lake SW	1000	32 S6	80 oct. Poles NW,SE
Eno(Ft.Dodge)	2.5 E,hwy W	1126	27 S6	91 oct.
(P)Estherville	3.5 E,hwy S	1298	35 L S6	80 oct.Port rnwy lgts.
Goodrich&Gross (Strawberry Pt.)	3.5 W,RR NE	1200	19 S1	Ltd 80 oct.Poles SE,SW.
Grand	1.2 SW,RR N	770	20 S2	80 oct. (Grand Mound)
Grundy Center	1.3 ENE,RR S	990	18 S1	80 oct.Pole line S.
Guthrie Center	0.5 NW,riv E	1074	21 S1	80 oct.
Henry's(Floyd)	5 NNE,RR W	1110	14 S1	80 oct.Poles ENE.Steep sloped strips.
(P)Hunter (Cedar Rapids)	3 S, riv N	732	27 L3 S6	80,91 oct.Fld lgts prior req. Poles S, E.
(P)IOWA CITY	1.7 SW, riv E	650	43h R1 L1 S6	80, 91 oct. No sto.
Iowa Falls	4.1 S, RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW,RR S	1052	23 S6	80 oct.No sto.Poleline
Keokuk	4.6 NNW,riv E	670	28 S1	Ltd 80 oct. N.
Lake City	3.5 NNE, RR S	1200	26 S1	80 oct.
* Lamoni Int,10, KC-MP	3 WNW, RR NE	1163	37 L3	
Leon	4.1 N, RR SE	1050	20 S2	80 oct.
McVille (Mechanicsv'l)	3.2 WNW,RR S	850	30 S6	80 oct. Poles S,W.
(P)MASON CITY	7 W,hwy S	1215	56h R1 L5 S6	80,91,100 oct. Poles SSE
Melbourne	1.5 SW	1000	20 S1	80 oct.Poles N.
Melbourne, com.	0.3 S,RR E	1000	21 S2	80 oct. Pole line E.
* Montezuma Int, 17, OH-CG	3 E,hwy N	953	32 L3	Poles, trees SW, Pwr line N.
Mt.Ayrport (Mt. Ayr)	6.6 N, RR N	1100	21 S1	Ltd 80 oct.Poles N,NE
Mt. Pleasant	2.6 ESE,RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW,RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE,hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N, hwy E	890	30 S6	80 oct.(Marshalltown)
Niederhauser Arwys(Grinnell)	4.5 E	1000	26 S2	80 oct.
Ottumwa	3.6 N,hwy W,S	830	32 S6	80, 91 oct.
(N)Ottumwa NAS (N)	6.4 NNW	841	52h R1 L5 S6	73,100 oct.
Pella	3.5 SE,RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW
Ryan (Emmetsbg)	1.3 W,RR N	1225	18 S2	80 oct.Trees NW.
Sac City	3 SSE,riv W	1160	19 S2	80 oct.
Saxon(Ced.Rpds)	7 NE,hwy S	880	31 S6	80 oct.Trees E,SE.
Seymour	2 NNW,RR S	1060	24 S1	80 oct. Hedge S.
Squeeze(Algona)	5 S,riv S	1201	26 S2	80 oct.Pole line NW,W
* Stuart Int,8,OH-CG	3.5 SE,rd E	1169	31 L3	Pole line NE,E.
Tatro Fly.Svc.	2.6 NW,riv W	918	26 S2	80 oct. (Decorah)
Traer	1 ENE,RR SW	895	18 S2	80 oct.Pole line E.
Venture(Ottumwa)	2.8 SSE,RR W	800	13 S6	80 oct.Poleline N,W,NE
Washington	1.5 SSE,RR NE	769	26 S6	80 oct.
Webster City	3.3 SW,riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E,RR N	1250	31 S1	80 oct. Poleline N,S.
Mosner(Riceville,Ia)	1 W,hwy S	1263		80 oct.P-line S.Data unver.
Fort Madison	1.5 N; RR W		27 S4	80 oct.Ltd sto.Data unver.
(P)Waterloo (Iowa)	4 NW; RR S,E		54h L5 S1	80,91 oct. Data unver No flood lgts.

KANSAS

ARPT -CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A)Fairfax (Kans.Cy)	3 NE,RR E	742	65h R1 L5S4	91, 100 oct. (A)
Fisher	1 ESE,RR N	770	26 S6	80 oct.(Edwardsville)
Leavenworth Le-compton	3.6 WSW,RR E	1125	14 S4	80 oct.No sto.Trees, bldg S.
(A)Sherman(Ft. Leavenworth)	1 NNE,RR W	771	60 R1 L5 S4	73, 91, 100 oct. (A)

MINNESOTA

(P)Albert Lea	2.3 N, RR E	1255	32 S6	80 oct.No sto.Poleline
Amboy	1 NNE, RR W	1000	24 S1	80 oct. N.
Blue Earth	3 S,RR E	1111	23 S1	80 oct.Poleline E.
Decker(Austin)	1.7 E,hwy N	1224	26 S4	73 oct.Obsts sur fld.
Fairmont	3.1 S,hwy W	1190	24 S1	80 oct.Poleline W.
ROCHESTER	1.7 SSE,RR W	1040	43h R2 L4 S6	80,91 oct.Poleline E,N
Sherburn	2 WNW,RRs S,E	1300	21 S2	80 oct.Pwr line ESE.
Tri-Mont	0.9 S,RR W,E	1250	22	(Triumph)

MISSOURI

Bailey's (Brook-field)	2 WSW,RR N	800	26 S2	80 oct.Pwr line SE. Poles E,SE;NW blckd
Bailey's Arpk (Chillicothe)	2 SSE,RR W	675	32 S6	80 oct.Poles S.
Bowling Green	1.6 NW,RR E	882	25 S2	80 oct.Poles S,pwrline
(P)Bradley(Moberly)	3 NNE,hwy W	865	37h S6	80 oct.Obsts. SE.
Cameron	2 E,RR NW	1050	21 S4	80 oct.Poles N,W,NNW
→Chillicothe, Site 7, KC-CG	3 ESE; RR N, SW	780	25h R1 L3	Pole line S,trees SW. 4000' strip avail.
Edwards	1.2 ENE,RR W	920	17 S1	Ltd 80 oct.(Grant City)
Fayette	1.5 S	660	28 S2	80 oct.Data unverified.
Fordyce(Bethany)	4.8 ESE,RR WNW	1050	22 S2	80 oct.
Green(Mexico)	4.3 ESE,RR S	815	36 L S6	80 oct.Port rnwy lgts.
Hannibal	4.3 WNW,hwy N	735	28 L S6	80 oct.Poleline SW.
Heart of America (Kansas City)	4 E,RR E	759	23 S6	80 oct. Port rnwy lgts, Poles,trees S. Flood
Independence	5.8 ESE,RR S	825	23 S6	80 oct.Poles S. lgts inop.
KANSAS CITY	2.5 NW,riv W,S	739	52h R3 L6 S6	80,91,100 oct.Poles E.
Kirksville Arpk	Adj SE	927	26	Clsd for winter dike W.
" 12, KC-CG	7 SE,hwy NE	970	39h R1 L3 S6	91, 80 oct.
Lexington	3 WNW,RR NW	650	33 S6	73 oct.Poleline S,W,SW
* Luray Int,16,	1.9 ESE,hwy N	727	26 L3	KC-CG
Marceline	1.5 N,RR SE	855	20 S1	80 oct. Pole line NNE.
* Marshall Int,7, KC-LS	1.8 S,hwy E	800	39 R1 L3 S2	80 oct.Silo NE corner
(P)Maryville	2.2 WNW,RR N	1154	25 S6	80,91 oct.
Nicholas(Marshall)	3.8 S,hwy W	770	26 S4	80 oct.Pwr line S.
* Osborn Int,4,	1.5 NW, hwy S	1046	32 L3	KC-MP
(P)ROSECRANS	4 NW,riv S	821	60h R2 L5 S4	(St. Joseph)80,91,100 oct
Savannah	1.3 E, RR W	1025	13 S1	80 oct. Fld lgts on req.
Slater	0.8 NW,hwy SE	850	26	Pole line adj N.
Unionville Arwys	1.5 ESE,hwy NE	1100	24 S2	80 oct.Pole line N.
Vaughn(Trenton)	1.2 NNW,RR E	790	26	

WISCONSIN

(A)Camp McCoy(A)	2.6 E Sparta	830	38h	RR W
(P)La Crosse	5 NNW,bet rivs	653	53h L5 S4	80, 91 oct.
* " Int,23A,	8 NNW,RR NE	667	37 R1 L3	Pole E.(CG-Twin Cys)
* Lone Rock Int, 15,CG-Twin Cys	2 N,rd W,N	714	39 R1 L3 S2	Ltd 80 oct.Poleline NE
Red Rock (Darlington)	5 SE,RR E		12 S1	80 oct.Data not verif.
Richland Center	6 SSE,hwy W		23 S1	80 oct.Trees E,S.Data not verified
Shullsburg	0.5 S	1000	18 S1	80 oct.Trees SW.Data not verified.
Sparta-Angelo	2.2 NE,RR E	800	25 S1	80 oct. Poles sur fld.
Tomah	1 E,RR N	970	18 S1	73 oct. 180' hill E.
(P)Camp Williams (Camp Douglas,Wisc)	1 N, RR SW	915	45h S2	No fuel.Rnwy data unver Obsts SE,S.Clsd winter.
Elkader Ia.	1.1 ESE;RR S	915	17 S2	80 oct.Pole line NW.
Independence Ia.	4.1 W;RR E	990	23 S2	80 oct.Poles N.
Roth (Oskaloosa)Ia.	2 SSE;RR NE	850	20 S2	80 oct Trees sur fld.
Wicks (Garner)Ia	1.8 NW;RR S	1230	26 S2	80 oct.Poles NW,SW.
Winterset Ia.	2 W;RR E	1130	21 S4	80 oct.Fence each end
Quincy,new(Ill.)	9.5 E	760	54h	Data unverified. rnwy
Daviess County	1.1 W,RR N	930	16 S1	80 oct.Pole N.
Wiese Fly. Serv. (Lone Tree,Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver

[redacted] ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-VDTX,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-VDT,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SDMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-VDT,45°,1.7	(4); 116.1

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LOWELL FM	(. . - -)	FM, 152°, 40	Chicago
McCOOL (Int.)	350(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen

WISCONSIN

GENERAL MITCHELL (Milwaukee)	278 (118.5)	C; 352°, 2.5	(4); 118.5.122.5
GENESEE FM	(- - -)	FM, 279°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-VDT,314°, 2.6	(4); 116.1
MILWAUKEE (General Mitchell)	242(MK)(116.1)	SBRAZ-VDT	(3); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8 SE,RR S,W	740	26 S6	73,80 oct.
(P)Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill NE.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW; NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct. Appchs blocked except E
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. and N half W bndry.
Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
→ Machesney, 7, CG-Twin Cities (Rockford)	3 NNE;riv NW	735	29 R1 L3 S6	73,80 oct. E,S blkd. P-line SE
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
Powell Brothers (Sheldon)	2.2 S;hwy NE	650	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
→ Sterling	1.4 NW;hwy E	645	25 S6	80,91 oct. E,SE blocked.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.

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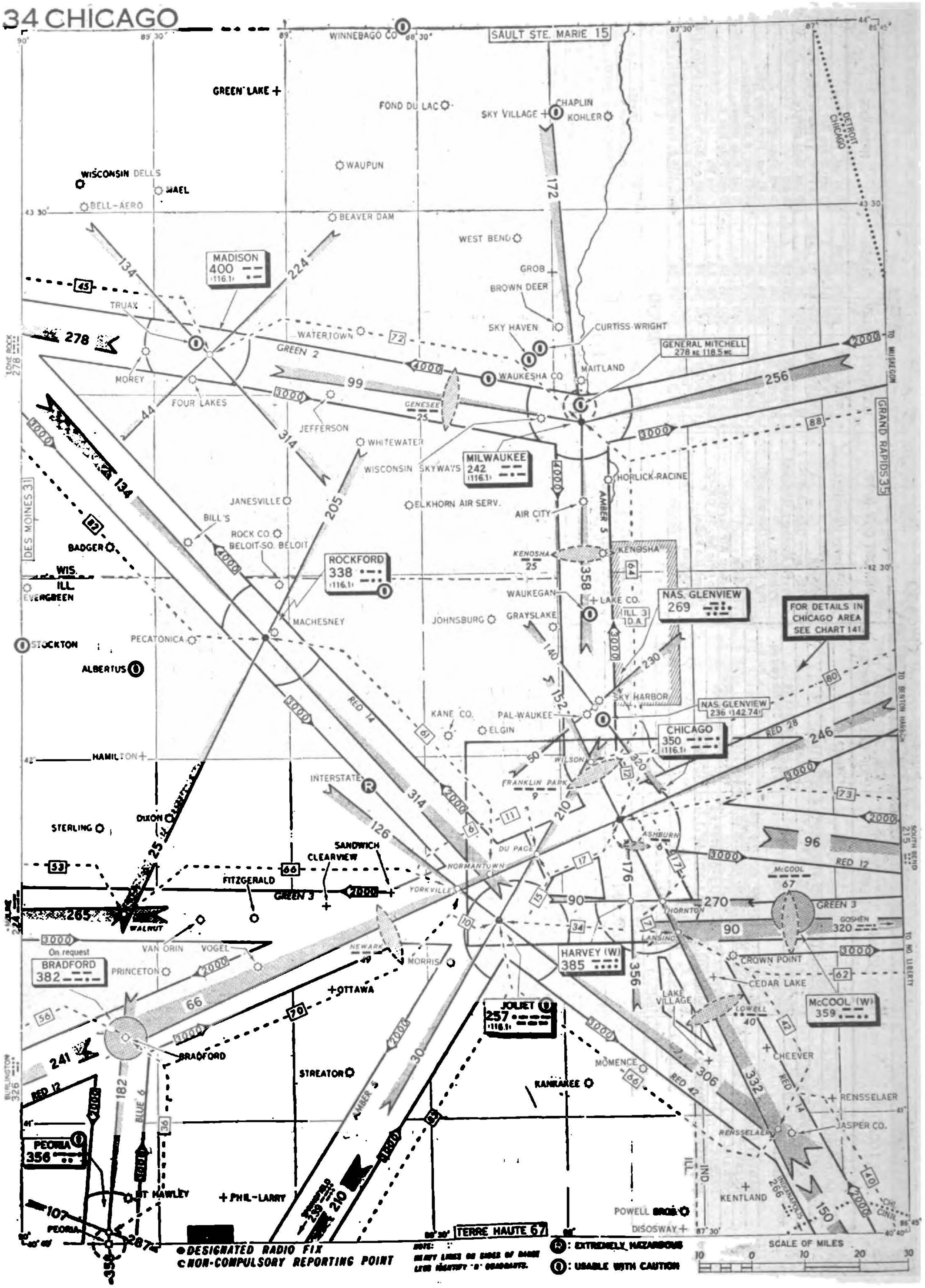
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S6	80 oct. P-line E. Data unver.
Jasper Co. (Rensselaer)	1.5 WNW;RR NE	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.

WISCONSIN

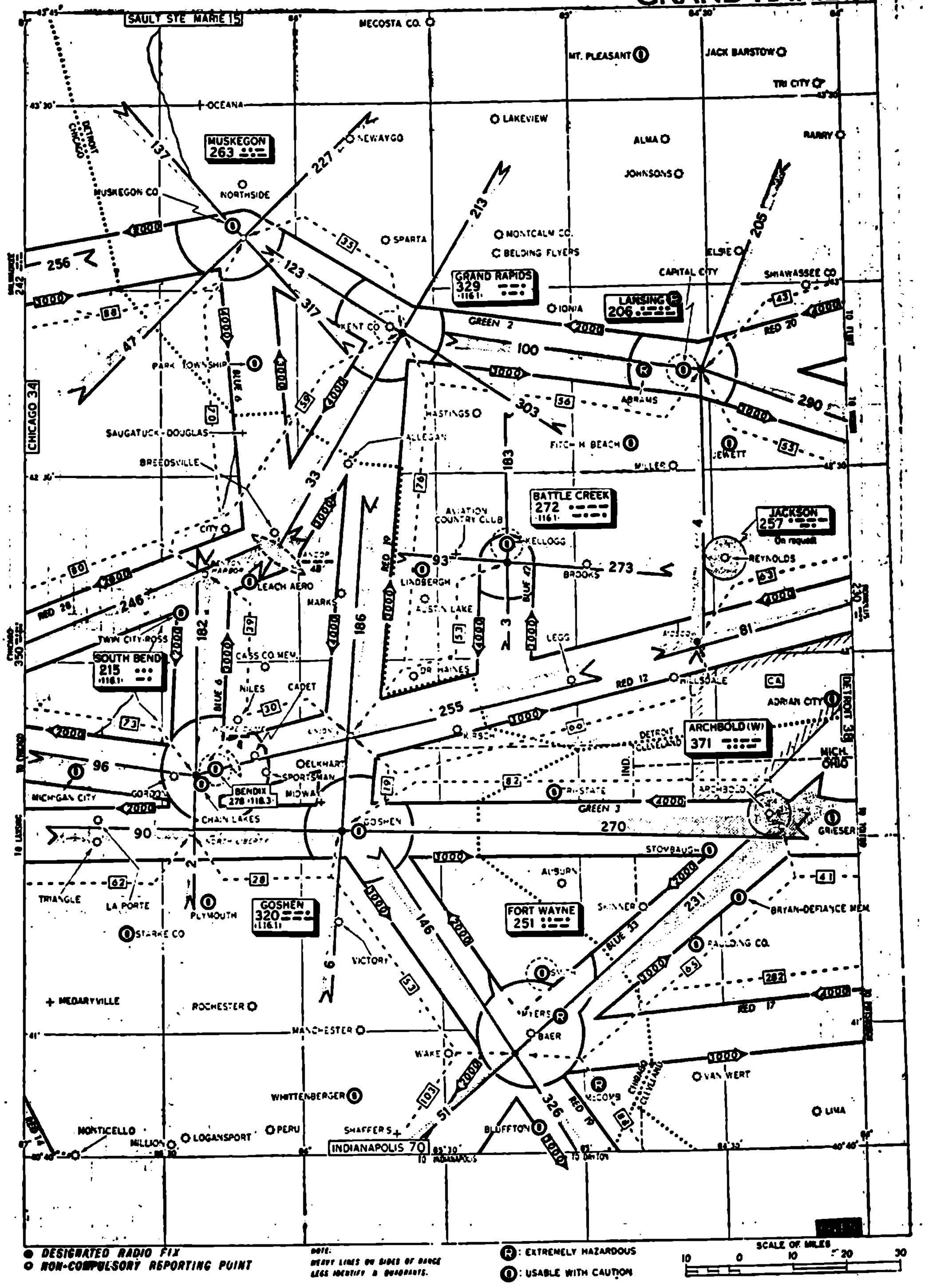
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
Beaver Dam Inc.	2 N;lake W	914	15 S1	80 oct.
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W. Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
→ Hamilton Arpt (Polo) (Ill)	2.3 NE	765	25 S3	80 oct. P-line N,E blkd.
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
→ Sandwich, (Ill.)	1 W;RR N		18 S4	30 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

34 CHICAGO


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT
CHICAGO
WAUPUN
WISCONSIN DELLS
MAEL
BELL-AERO
BEAVER DAM
WEST BEND
GROB
BROWN DEER
MADISON
400
(116.1)
TRUAX
SKY HAVEN
CURTISS-WRIGHT
WATERTOWN
GREEN 2
GENERAL MITCHELL
278 (116.5)
WAUKESHA CO
MAITLAND
MOREY
FOUR LAKES
JEFFERSON
GENESEE
WHITEWATER
WISCONSIN SKYWAYS
MILWAUKEE
242
(116.1)
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV.
AIR CITY
BILL'S
ROCK CO
BELOIT-SO. BELOIT
ROCKFORD
338
(116.1)
KENOSHA
BADGER
WIS.
ILL.
EVERGREEN
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 141
MACHESNEY
JOHNSBURG
GRAYSLAKE
PECATONICA
STOCKTON
ALBERTUS
SKY HARBOR
NAS. GLENVIEW
236 (142.7)
KANE CO.
PAL-WAUKEE
ELGIN
CHICAGO
350
(116.1)
HAMILTON
WILSON
FRANKLIN PARK
INTERSTATE
DU PAGE
ASHBURN
STERLING
DIXON
SANDWICH
CLEARVIEW
NORMANTOWN
FITZGERALD
GREEN 3
YORKVILLE
McCOOL
67
GREEN 3
GOSHEN
320
WALNUT
LANSING
HORNTON
VAN ORIN
VOGEL
NEWARK
MORRIS
BRADFORD
382
PRINCETON
HARVEY (W)
385
CROWN POINT
CEDAR LAKE
LAKE VILLAGE
LOWELL
40
McCOOL (W)
359
OTTAWA
JOLIET
257
(116.1)
CHEEVER
BRADFORD
STREATOR
MOMENCE
KANKAKEE
RENSSELAER
JASPER CO.
PEORIA
356
ST HAWLEY
PHIL-LARRY
POWELL BRDG
DISOSWAY
KENTLAND
TERRE HAUTE 67
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

GRAND RAPIDS 35



RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA CLASS, BEAR & DIST.	FREQS GUARDED, HRS. OF OPER., REMARKS
→ BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4);118.3.122.5
→ DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1 (ILS)
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1

MICHIGAN

BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LI)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)

OHIO

ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ FORT WAYNE, IND. (Baer)				IM-	DECOMMISSIONED	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105. 4495, 6210 kcs. (4)-3105, 4495, 6210. 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne)	7.5 SSW;RR E	799	63h R1 L5 S4	91 oct;100 oct Army.Fld lgts on req
→ BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line E, S
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
→ Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct. P-line S,SE,SW
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts.Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	752	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE. Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld.No sto.
Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.Poles E. Data unver.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.

MICHIGAN

Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W.Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct.P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct.No sto.P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
Cass Co. Memorial (Dowagiac)	1 NW;RR SE	750	31 S4	80 oct P-lines E,NE
City (South Haven)	4 S;RR W	640	30 S4	73 oct.Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto.Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct.P-line NW,SE,Rdo
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S. repairs.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., S. GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE..
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto.Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct.No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.

OHIO

* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
(P) Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S.Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE.

NEW AIRPORTS

Shaffer s (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) -	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (118.7)	C	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	SBMRLZ-DTV	(3); 116.1
Akron Airport	272 (126.18)	C; 45°, 0.4	(4);126.1,122.5
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 20°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBHAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (IF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM	(. . -)	FM, 31°, 83	Columbus
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	230(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5 (W)	332.6	184° Mag.	IM- (0.23)	MM- ····· (0.81)	OM- -- (4.31)
					MMK-	OMK-
				IM- -	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 142.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct.Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct.Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	73 oct.
Caro	3 WSW;RR SE	699	22 S2	80 oct. SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct.Trees S,E.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct. Rdo rcv rqrd. Tank W side
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct.Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Ben prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct.Obsts sur fld
(P) Lapeer	2.4 ENE,RR S	830	34 S6	80 oct.No sto Poles NW;bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N.W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	30 S4	73 oct.No sto.Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct. Poles S
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD.ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct.Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct.Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW,NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	760	20 S6	80 oct. Poles N.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct.JP-1.Poles E. FOREIGN CLEARANCE STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct.No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct.30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct.Pole line N.
Washtenaw (Ann Arbor)	5 W		26 S2	80 oct.Hi-line S.Data unver.
West's (Clio)	4 SW;RR E	690	21 S1	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	90,100 oct.Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct.Poles N. Stumps NW.No sto.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct.No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct.Poleline W E blocked
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct.
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct.Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto.Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct.Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct.No sto.Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct.Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int.4B.CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct.Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto.Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE.RR SE	1080	22h S5	80 oct. No sto.Poles sur fld.
Tiffin	1.5 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE.Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct.Pole line W.Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct.Data unver.

*Hard surfaced runways. R-radio facilities. L-lighting facilities. S servicing. (See page 107 NC-(not charted). ← NEW OR REVISED DATA

38 DETROIT

R EXTREMELY HAZARDOUS

I USABLE WITH CAUTION

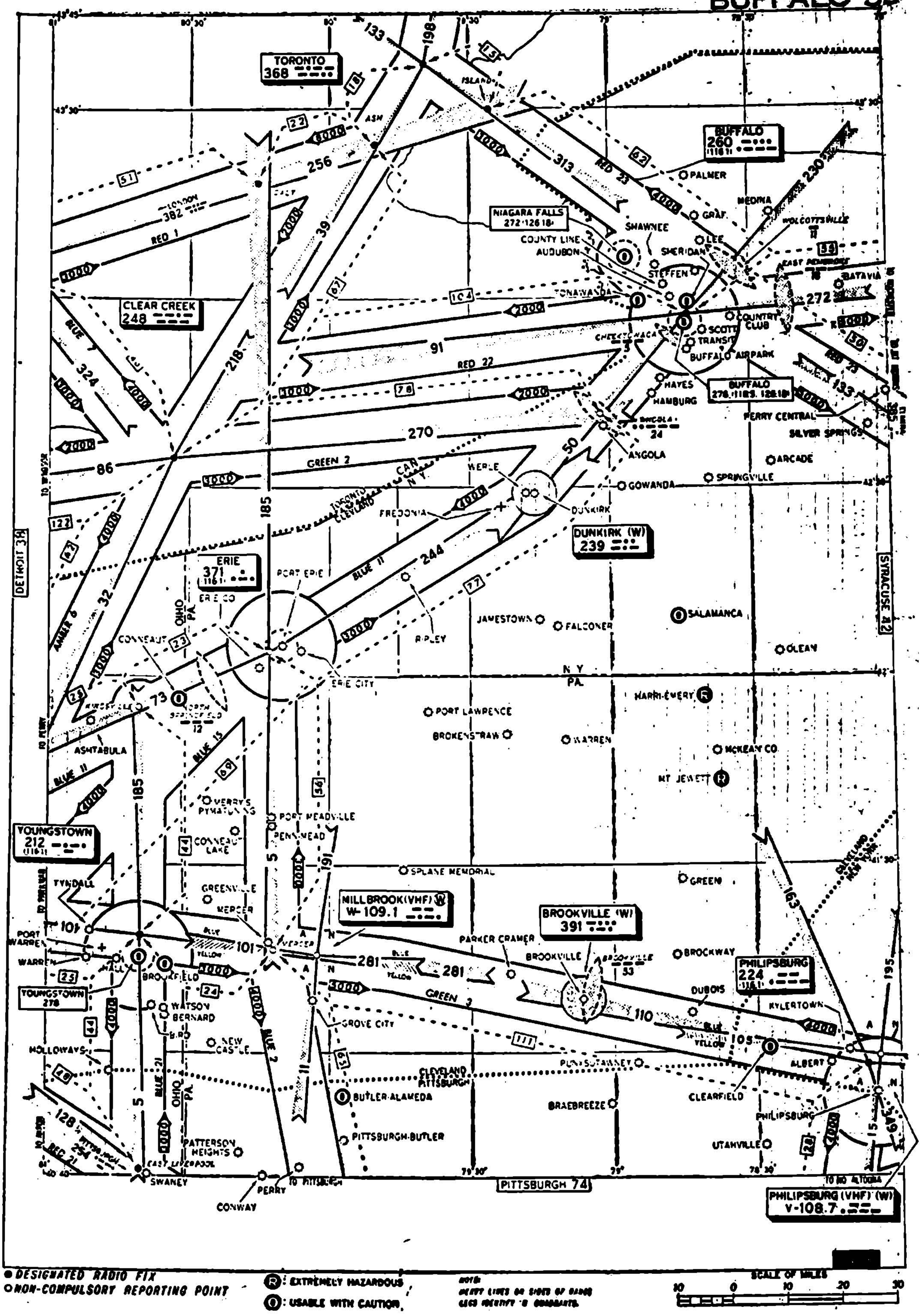
COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

DETROIT AREA

SAULT STE MARIE 15
JAMES CLEMENTS
SKYHAVEN
SAGINAW
SAGINAW 212
CARO
CROSWELL CITY
MICH D A
DALTON
WEST'S
On request
FLINT 335
FORREST
BISHOP 278
LAPEER
SEELYS
BAKERS
MICH CAN
ST CLAIR CO MUN
ALLEN'S
CENTER
OXFORD
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
PONTIAC
MOWELL
WIXOM 20
KRIST-PORT
BIG BEAVER
BERZ
McKINLEY
WARREN
THOMAS B JOY
ROSEVILLE
DETROIT CITY 278
DETROIT 201
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC
HARTSELL AIR TERM
FORD R
STINSON
HANCE
ROMULUS 230 (116.1)
ROMULUS AAF
SCALE OF MILES
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE 20
ROMULUS 230 (116.1)
MITCHELL BAY
CLEAR CREEK 248
WINDSOR 353
WILLOW RUN 332 (116.7)
NAN-BAR
MILAN
YPSILANTI 341
NAS DETROIT 269 (142.74)
TECUMSEH
NEWPORT OLF
DETROIT
CLEVELAND
MONROE
MICH
NATIONAL AVIATION
OHIO
FRANKLIN
TOLEDO 263
OHIO D A
PUT-IN-BAY
PENINSULA
OAK HARBOR
BOWLING GREEN
BRICKER
TOLEDO R 239 (116.1)
SLAGER
HINDE
NORWALK
PARKS
+ SNYDER
TIFFIN
FINDLAY
WILLARD
RED 17
MANSFIELD
ASHLAND
FINDLAY 209
+ GAGE
PORT BUCYRUS
GALION
COLUMBUS 71
DAYTON 245
COLUMBUS 391
HAYESVILLE
HAYESVILLE 329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
FOR DETAILS IN CLEVELAND AREA SEE CHART 141.
CLEVELAND 344 (116.1)
On request
PERRY 332 (116.1)
PERRY
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
NORTH ROYALTON
PARKMAN
MEDINA-PRICHARD
HOMERVILLE
WESTFIELD
LING
AKRON 272 (126.18)
AKRON
AKRON 362 (116.1)
KENT STATE
MILLER
TAYLORCRAFT
AKRON-CANTON
NOBLE
MARTIN
McKINLEY
CLEVELAND
PITTSBURGH
WOOSTER
TO FORT WAYNE
TO TROY
TO ARCHBOLD
TO MOSCOW
TO ERIE
TO YOUNGSTOWN
GRAND RAPIDS 35
STATUTE MILES
CAN
OHIO
ERIE
BUFFALO 39
AMBER 6
GREEN 2
GREEN 3
RED 12
RED 20
RED 27
RED 1
RED 11
BLUE 11
BLUE 15
AMBER 6
83 30
83
82 30
42 35
42 15
42 30
42 07
83 15
40 40

OVER

BUFFALO 39



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF BLUE AND GREEN AIRWAYS ARE BOUNDARIES.

SCALE OF MILES
10 0 10 20 30

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.		FREQS GUARDED. HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	230°,24	FM	Buffalo
BUFFALO Range	260(BJ)(116.1)	230°,0.9	SBRAZ-DTXV	(3); 116.1
Buffalo Tower	278 (126.18, 118.5)		AC	(4); 126 18,122 5,118 5
CHEEKTOWAGA LFM	(- - -)	230°,4.7	LFM	Buffalo
DUNKIRK MH Fac.	239 (DK)		MHW	
EAST PEMBROKE FM	(- -)	92°,17.5	FM	Buffalo
NIAGARA FALLS Tower	272 (126.18)		CI	(4); 126.18 (8-20)
WOLCOTTSVILLE FM	(-)	50°, 11	FM	Buffalo
OHIO				
YOUNGSTOWN Range	212 (CT)(116.1)	185°,3.4	BMRLZ-DTV	(4); 116.1
Youngstown Tower	278		CI	(4); (630-2030)
PENNSYLVANIA				
BROOKVILLE FM	(- - -)	290°, 53	FM	Philipsburg
BROOKVILLE Range (Int.)	331 (BR)		MHW	
ERIE Range (Port Erie)	371 (ER)(116.1)	64°,2.0	SBMRAZ-DTV	(4); 116.1
→ MILL BROOK Range	109.1 (MC)		VARW	
NORTH SPRINGFIELD FM	(- - -)	253°,12	FM	Erie
PHILIPSBURG Range	224 (MJ)(116.1)	169°,5	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range	108.7 (MJ)		VARW	
CANADA				
CLEAR CREEK Range (Ont.)	248 (CO)		BRAZ-T	(4)
TORONTO Range (Ont.)	368 (YZ)		SBRAZ-TX	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in ( ))

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (FELIS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (31-3105, 4496, 6210 kcs. (41-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + — Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Audubon (Getzville)	1.7 SSW;RR N,S,W	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct. Pole line W. Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. OF ENTRY.
→ BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct;100 oct Army ARPT.
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct. Trees SW. Port lgts on req.
County Line (No. Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct. Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Incorporated	2 NNW;RR,hwy W	722	23 S2	80 oct. Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct. No sto.
Jamestown	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct. Pole line N.
Medina	2 W; RR S	500	21 S1	80 oct. Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct. JP-1. No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct. Trees W,N; hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct. Pole line E.
Perry Central	1.7 NNW;lk SSW	1400	23 S1	80 oct. Pole line,trees N,E.
Perry Flying Svc. (Perry) (NC)	3.3 W;RR W	1640	21	Pole lines NNE.
Ripley	1.4 WNW;lake N	650	22 S4	80 oct, No sto.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct. Pole line SW. Rnwy data unver.
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct. Pole line E,W.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.
Springville	1.5 NE;RR W	1395	26 S4	80 oct. Pole line N,E. Rnwy data unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles, trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.
OHIO				
Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct. Pole line N,S,W.
Bird (Youngstown)	2.6 NE;RR W	1000	22 S4	80,91 oct. Pole line W,N
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E
Holloways (Greenford)	1 ENE;RR W	1250	15 S1	80 oct. Wires E.
Port Warren (Warren)	1.5 N; RR W		24 S1	80 oct. Data unver.
Sky Harbor (Williamsfield)(NC)	1 S;hwy E	1140	26	Poles E
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.
PENNSYLVANIA				
Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct. P-line sur fld. Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct. Trees N,NE data unver
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
* Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct. Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct. Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct. Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct. Hill N. Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct. Port rnwy lgts. P-line SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct. Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel. Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct. Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct. Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct. Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	29h S5	80 oct.
Parker Cramer (Clarion)	1 ENE;riv N	1480	28 S2	80,91 oct. Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct. No sto. Pole line E.
Philipsburg, 51A, CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80, 91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct. Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct. Port rnwy lgts.
Utahville	1 N; RR S	1800	22 S2	Ltd 73 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)	MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8 SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2 BMRLZ-DTV	(4); 116.1
Rochester Tower	278	CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+	CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2 SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278	C	(4)
TRI-CITIES Tower	278	CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0 BMRLZ-DTV	(4); 116.1
		PENNSYLVANIA	
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7 SBMRAZ-DTV	(4); 116.1
LAKE CAREY FM	(- - - -)	360°,20.8 FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	250°,12 FM	Allentown
SUNBURY MH Fac.	353 (SV)	MHW	
SUNBURY Range	108.3 (SV)	VARW	
WILKES-BARRE Range (Wilkes-Barre-Wyo.Valley)	272 (WI)(116.1)	243°,2.6 SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	233 (IA)(116.1)	281°,7.0 BMRLZ-DTV	(4); 116.1
	NEW RADIO FACILITIES		

* S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

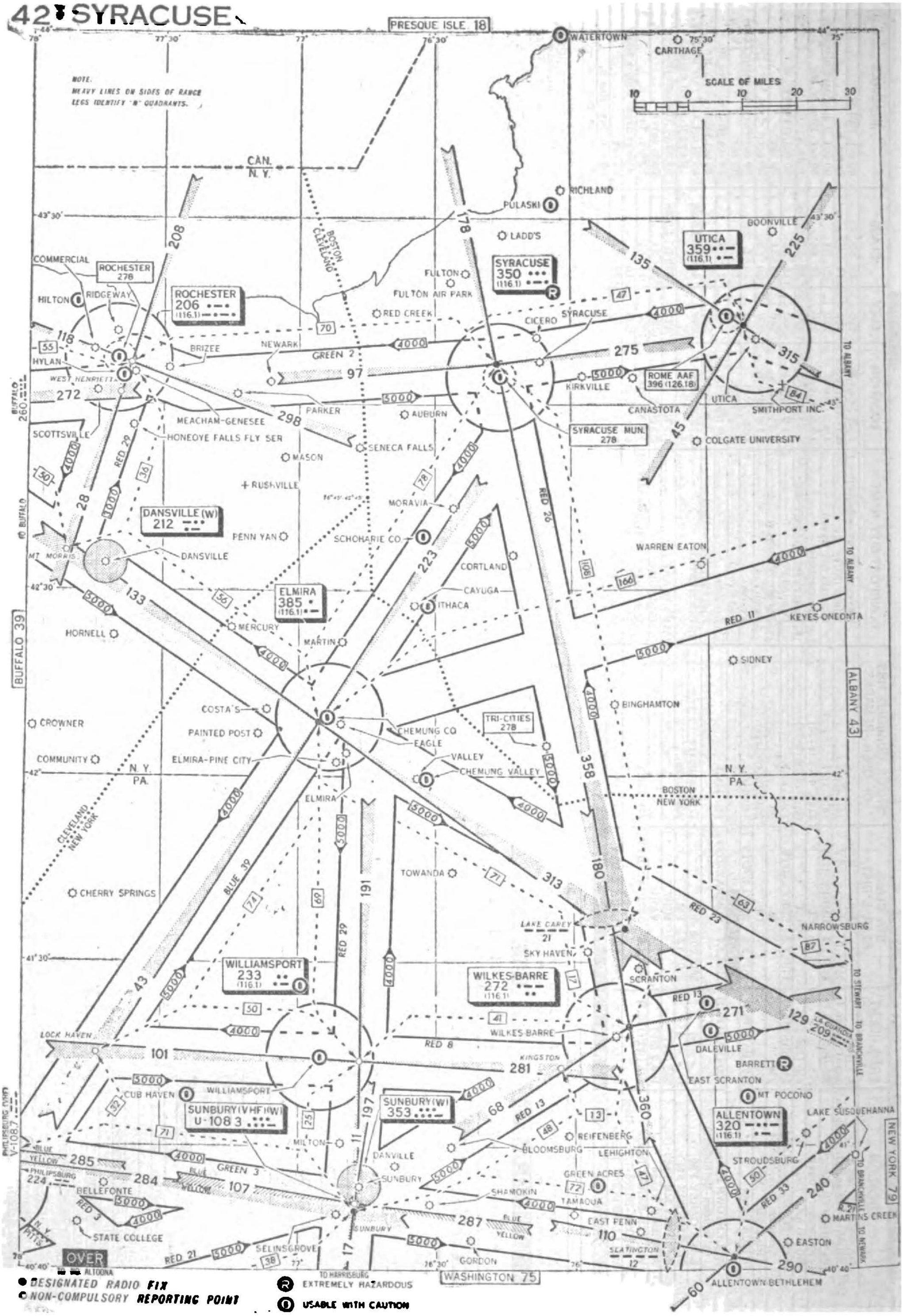
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.
		NEW YORK		
Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data unver.
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W.	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page Ix) NC-(not charted). → NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W.
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E	490	19 L3	Pole N.
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
Parker (Palmyra)	2.8 S; RR N	540	15 S1	80 oct.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees WSW.
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY. NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.8 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req. ARPT OF ENTRY.
		PENNSYLVANIA		
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	21 S4	73 oct.
Cherry Springs (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct. Trees W,SE,NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres (Hazleton)	4 SE	1260	20 S4	80, 91 oct.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid'Valley (Olyphant) (NC)	3 N; rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Mt. View (Nicholson) (NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 L1 S6	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.
	NEW AIRPORTS			

42 SYRACUSE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R) EXTREMELY HAZARDOUS
(D) USABLE WITH CAUTION

ALBANY 43

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

PRESQUE ISLE 18
TICONDEROGA
GLENS FALLS(W) 206
FAIR HAVEN
LEBANON(W) 209
TWIN STATE
RUTLAND
LEBANON
PISECO
PLATEAU
SACANDAGA PARK
GLENS FALLS
WARREN CO.
HARTNESS
CLAREMONT
NEWPORT
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
VAUGHAN
LONG MEADOW
SARATOGA SPRINGS
EQUINOX
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO
FORT PLAIN
STONE ARABIA
LAURIESVILLE
ALBANY 365 (116.1)
BENNINGTON
KEENE
DILLANT-HOPKINS
STEVENS
BRATTLEBORO-HINSDALE
SKY HAVEN
BRIGGS
INTERCITY
COOPERSTOWN
COLONIE
TROY
FAIR VIEW FARM
ADAMS
TURNERS FALLS
ORANGE
GARDNER
ALBANY 278 ∝ 118.3 ∝
EAST GREENBUSH
SELKIRK
RAVENA
VALLEY AIRPK.
WESTOVER AAF 272
MEDWAY 28
FARLYS
PITTSFIELD
PILGRIM
LaFLEUR
HILLER
SARATOGA
SCHUYLERVILLE
HALCOTT
MARGARETVILLE – FLEISCHMANNS
CATSKILL VALLEY
GREAT BARRINGTON
BARNES
WESTFIELD 230 (116.1)
METROPOLITAN
BROOKFIELD
SOUTHBRIDGE
SPRINGFIELD
W. SPRINGFIELD
KINGSTON ULSTER
COZINE
CANAAN
CONN
MILLERTON
BRADLEY 284 ∝ 126.1 ∝
BOWLES
KINSLEY
AGAWAM
WOODSTOCK
SIMSBURY
SOUTHINGTON
WEATOGUE
RENTSCHLER 254 (126.1)
WALLKILL NO 2
KINGSTON
ARLINGTON
LIVINGSTON MANOR
BOSTON
NEW YORK
CLIFF HAVEN
AERO LAKE
NEW HACKENSACK
NEWBURGH-WALDEN
NEW PALTZ
FREEDOM PLAINS
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
STEPHENSON
HARTFORD 329 (116.1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
LIME RIDGE
WATERBURY
STANTON'S
STORMVILLE
WATERTOWN
MONTGOMERY NO 1
MERIDEN 18
BRAINARD 278 ∝ 118.5 ∝
SALEM
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
WATERFORD
STARHAVEN
HUGUENOT
RANDALL'S
DANBURY
MAHOPAC
MONROE
AMBER 7
TIER
DOANE
HAMMONASSET
GROTON TRUMBULL
MATAMORAS
STEWART AAF 398 (126.1)
SOMERS
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
SUSSEX
WARWICK WICKHAM
CROTON
WESTCHESTER
MILFORD
BRANCHVILLE
CHRISTIE
SPRING VALLEY
BRIDGEPORT 269 ∝ 119.7 ∝
N.Y. 3 DA
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER 16
WESTCHESTER CO. 260 ∝
NEW YORK 79
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK CO
LA GUARDIA 209

73°30' 74°30' 75° 43°30' 43° 42°30' 72°48' 72°30'

[redacted] CONNECTICUT

LOCATION	FREQ. IDENT	STA CLASS, BEAR. & DIST	FREQS GUARDED, HRS. OF OPER., REMARKS
BRADLEY (Windsor Locks)	284(126.18)	CI	3105,4495;126.18 (6-22)
BRAINARD (Hartford)	278(118.5)	C	(4);126.18,122.5,118.5
BRIDGEPORT ARPT	269(118.7)	C	(4);122.5,118.7
HARTFORD (Brainard)	329(HT)(116.1)	SBMRAZ-DTV, 323°, 2.3	(3). 116.1
MERIDEN FM	(- - -)	FM,244°,17.6	Hartford
MERIDEN ARPT	278	CI	3105,4495(days)
RENTSCHLER (East Hartford)	254(126.18)	CI	(3), 126.18
MASSACHUSETTS			
WESTFIELD (Barnes)	[redacted](WJ)(116.1)	BMRLZ-DTV 27°, 1.7	(4). 116.1
WESTOVER(Chicopee Falls)(Army)	272 (DO)	BMRAZ;239°,2.7	(3)
Westover Fld	396(126.18)+	CA(ILS)(GCA)	(3),126.18(Appch cont.)
[redacted] HAMPSHIRE			
LEBANON	[redacted](LP)	MHW	
NEW YORK			
ALBANY	365(AZ)(116.1)	SBRAZ-DTV	(3), 116.1
Albany Apt.	278(118.3)	C, 196°, 3.1	(4);116.1,118.3,122.5
ALBERTSON FM	(- - - -)	FM, 302°,27.2	Albany
COLONIE LFR	(- - -)	LFM,206°,5.7	Albany
GLEN FALLS (Warren)	206(GB)	MHW	
HUDSON FM	(. . - - -)	FM, 205°,27.6	Albany
NEW HACKENSACK	236(NX)(116.1)	SBRAZ-DTV 5°,5.3	(4). 116.1
PORT CHESTER FM	(. . -)	FM, 44°, 24	New York
SARATOGA SPRINGS FM	(-)	FM, 28°,24	Albany
STEWART (Army)	335 (DMU)	MRLW	
Stewart Fld	396(126.18)	CA,125°,2.4	(3),126.18 (7-23)
WESTCHESTER CO (White Plains)	260	C	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.5 (W)	333.8	239° Mag.	IM- (0.49)	MM- ·····(0.79)	OM- --(3.38)
				MMK-	OMK-	
WESTOVER (A) (L6)	109.5 (W)	332.6	59° Mag.	IM- (0.02)	MM- ·····(0.72)	OM- --(4.42)
				MMK-	OMK-	

S-Simul Range and Voice W-Without Voice Z VHF Range Station Location Marker (3)-3105 4495 6210 kcs
(4) 3105 4495 6210 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice
• Army A.C.S. transmits on and guards 116.1 137.88 140.58 mcs.

[redacted] CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Bethany	1.3 N,hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
(P)Bradley (Windsor Locks)	2.8 WNW,RR riv E	171	50h R1 S6	Antenna prior req. S. No fuel.
BRAINARD(Hartford)	2.8 SE,RR W	19	48h R2 L5 S6	80,91,100 oct.Dike E,N
(P) BRIDGEPORT	3.5 ESE	9	48h R1 L5 S4	80,91 oct.
Brookfield	0.5 S;hwy W	200	10 S6	80 oct.No sto,Hi-line E
Canaan	1 N,RR W	680	24 S6	80,91 oct.No sto,Pole line SW.
Danbury	2.5 SW,RR N	454	44h S6	80 oct.P-line WSW,SSE
Doane (Essex)	1.2 SW,RR E,N	30	21 S6	80,91 oct Trees N. NW.
Groton Trumbull	2.8 SE,RR W	10	50h	(Groton)
Kinsley (Somers)	2.5 NNW,RR W	200	19	
Lufbery (Wallingford)	0.5 WSW,RR E	80	22 S6	80 oct.No sto,Stacks S,
Meriden	2.7 SW,RR E	102	35 R1 L3 S6	80 oct.Hi-line W,S N.
Monroe	0.7 SSE,rd E	620	20 S6	80 oct, Rd. W.
NEW HAVEN	3.5 SSE,riv W	4	42h S6	80,91 oct lts 100 oct Pole line NW.
Rentschler (E.Hartf'd)	1 S,riv W	40	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E,lk NNE	400	21 S6	80 oct,
Simsbury	2.6 NNE,RR W	170	17 S6	80 oct,Trees SE,
Stephenson (Bristol)	1.6 ESE,RR N	240	18 S6	80, 91 oct,
Waterbury (Plymouth)	2.6 S,RR E,W	843	20 S6	80 oct.
Waterford	1.7 N,RR SSE	60	20 S6	80 oct,Trees,hill S.
West Haven	2.7 SW,hwy E	15	18 S4	80 oct.No sto,P-line E, W blocked.

H-hard Surfaced Runways M-radio facilities L-lighting facilities S-servicing (See page 181) NC (not charted)
→ NEW OR REVISED DATA

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Windham	3.5 NNW,hwy S	238	44h S1	80 oct.Trees NE,ENE.
MASSACHUSETTS				
Adams	1.3 SSE,RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S,riv E	50	16 S6	80 oct.Pole line SE.
BARNES(Westfield)	3 NNE,RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW,trk E	190	40 S4	80 oct,Poleline S,SSE,
Brookfield's	1 W,RR SW	680	20 S6	80 oct,P-line SW,W,NW,
East Brookfield	0.5 W	650	15 S3	80 oct, Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.Poleline ENE. Hill NNE.Lgt acft only
Gardner	2 SW,hwy N	1020	18 S4	80 oct,
Great Barrington	2 WSW,riv N	726	28 S6	80,91 oct.Obst sur fld.
Hiller (N.Brookfield)	6.5 NNW	600	35 S3	80 oct, Data unver.
La Fleur (Northampton)	1.2 ENE,riv SW, N	120	26 S4	80 oct.No sto.
Metropolitan(Palmer)	5 N,riv W	400	19 S6	80 oct.Hill N.
(P)Orange	1.5 SE,hwy SE	555	50h S1	80 oct.Poles NE.
Pilgrim (Northampton)	9 N	120	16 S3	No sto,Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy N	1140	27 L3 S1	80 oct.Poleline N.
Southbridge	1 N	700	26 S4	Data unver.
Springfield	2.3 NE,RR S	205	26 S6	80,91 oct.Bldgs W
Stevens (N.Adams)	2.8 WSW,RR N	690	20 S4	80 oct.No sto,P-line E,
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct.Wooded ridge SE,SW.
(A)Westover (Chicopee Falls) (A)	3.8 NNE,riv W	244	70h R3 L6 S6	73,91,100 oct.No sto.
West Springfield	1.5 N,riv E	65	19 S4	Data unver.
NEW HAMPSHIRE				
Claremont	1.3 W,riv NE	520	28h S2	80,91 oct.Wooded ridge
Dillant-Hopkins(Keene)	2 S,riv,RR W	481	40h S6	80 oct. NNE
Brattleboro-Hinsdale (Hinsdale)	2.7 NW,RR W	360	18 S4	80 oct.Lndg flares prior req.
Keene Arpk.	3 NW,RR W	500	21 S6	No fuel or sto.100' hill
Lebanon	3.3 WSW,RR N	579	40h L5 S4	80 oct.Rdo repairs SE.
Newport	2 NNW,RR W	780	26 S4	80 oct.Pole line E.
NEW JERSEY				
Sussex	1.2 WSW,RR S	420	25 S1	80 oct.200' knoll NNE.
NEW YORK				
Accord (NC)	0.7 N,RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE,RR W	220	23 S4	80 oct.Trees S.
(P)ALBANY	6.9 NNW,riv N	283	35h R2 L5 S6	80,91,100 oct,ARPT OF
Arlington(Poughkeepsie)	1.5 E,RR E	280	18 S2	80 oct.Pole-line NE,trees SW. ENTRY.
(P)Ballston Spa	3 N,RR E	433	40h L5 S6	80,91 oct.Fld lgts prior req
Briggs (Carlisle)	0.6 SE,RR W	1320	12	
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N,RR E	150	16 S4	80 oct.Poleline SW.
Cooperstown	1.4 NNW,RR SE	1660	16 L S4	80 oct,Pole-S,Port lgts.
Cozine (Rhinebeck)	0.5 SE,RR W	200	20 S1	87 oct.Pole line W.
Cliff Haven (Accord)	11 W,RR S	260	16 S1	80 oct.
East Greenbush	0.8 NW,RR W	260	38 L S6	80 oct.Port rnwy lgts.
(A)Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn. P-line N.
Farly's (New Baltimore)	3 S,RR W	10	20 S1	80 oct.Trees N.
Ft.Plain Int,40A,CV-AZ	3 NNW,RR NE	680	35 L3	
Freedom Plains (Billings)	2 W,rds N,E	340	11 S1	80 oct.Pwr line S.
(P)Glens Falls,18,LG-UL	2.6 NW,rd S	474	36h L3 S6	80 oct.
Glove City(Gloversv'l)	1.5 NE,RR S	860	17 S1	80 oct.
Halcott (Halcott Ctr.)	1 N		10 S1	80 oct,Data unver,
Hayduk (Herkimer)	0.6 SSW,RR N	400	12 S4	Ltd 80 oct.Poleline E.
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity(Schenectady)	3.6 SSE,RR NE	340	20 S4	80 oct.
Kingston	1.5 NW,RR S	150	17 S4	80 oct,Pole line NW.
(P)Kingston-Ulster	2.7 N,RR E	160	30 S4	80 oct,No sto,P-line E,
Lime Ridge (Beekman)	1.3 SE,RR S	420	16 L2 S6	80 oct.All lgts prior req
→ Southington, (Conn.)	3.5 NNE;RR W	200	21 S4	80 oct.
→ Watertown, (Conn.)	2.2 S;lk N	660	19 L S4	80 oct,Port. rnwy lgts on prior req.
→ Mahopac, (N.Y.)	1.5 WNW;lake E		20 S4	80 oct.No Sto.Data unver.

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Livingston Manor	0.5 SE,RR W		21h S4	80 oct, ,91 oct req.Data
Long Meadow (Rexford)	1.5 NE,RR N,W S.	380	17 S1	80 oct.Poles unver, NNE
Margaretville-Fleischmanns (Margaretville)	0.2 S,riv W		21 S4	80,91 oct.No sto.P-line NE,Data unver.
Miller (Nyack)	1.8 WNW,riv E	70	17 S6	80 oct.No sto,P-line SW
Millerton	1.5 N,RR W	1000	13 S1	80 oct,Trees N.
Montgomery	1 WSW,riv W	393	22 S6	80 oct.Trees N,brush E
(A)Montgomery U.S.Mil Academy #1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan Co.	1.4 S,RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts. Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW,riv W	404	32 S6	80,91 oct.Obsts sur fld.
(P)New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W,RR E	190	20 S1	80 oct,
Piseco	0.5 N,hwy SW	1710	19 S2	Ltd 80 oct,Trees,brush
Plateau (Northville)	2.5 E,riv ESE	1040	24 S6	80,91 oct. NNE Trees S.
Randall's (Middletown)	1.8 ESE,RR NW	520	20 S2	80 oct,
Ravena	1.2 N,riv 2 E	180	14 S2	80 oct,Lgt acft only.
Rockland (New City)	1 SSE,RR E	240	14	Trees W,hwy E,(NC)
Sacandaga Park (Northville)	1 SW,RR W	770	13 S1	80 oct.Pole line WSW
P) Schenectady Co.	3 N,RR SE	362	50h L5 S6	80,91,100 oct,
Schuylerville,Land & Seaplane Base	2.5 S,riv E	100	29	Trees N,S.
Selkirk	2.7 E,riv E	160	22	Trees N.
Sky Haven (Delanson)	0.9 NW,RR SE	1100	14 S2	80 oct,ESE,W blocked.
Somers	0.6 SE,RR E,S	568	20 S4	80 oct.No sto,
Stanton's Newburgh Cub Port (Newburgh)	5.3 NW,RR S	520	12 S2	80 oct.Trees S.
Starhaven(Middletown)	1.3 NW,RR SW	750	29	Trees SW,SE,NW,RR N
Steenburgh Avia.Svc (Gloversville)	1.5 ENE,RR N	900	8 S1	80 oct.
(A)Stewart(Newburgh)(A)	4 W,hwy N	474	61h R1 L5 S6	100 oct JP-1
Stone Arabia(Ft.Plains)	3.6 ENE,hwy E	880	18	Pole line NNW.
Stormville	1 ENE,RR S	350	23 S4	80 oct.No sto,Trees NE
Ticonderoga Int,22, LG-UL	2.7 NNE,rd E	210	32 L3	Obsts sur fld.
Troy	2 SSE,riv W	327	30 L4 S6	73,91 oct.Trees NW,
Valley Air Park (Middleburg)	1.5 NNW	635	16	Data unver.
Vaughan(Johnstown)	1 E,hwy W	760	18 S1	Ltd 80 oct,Trees W.
(A)Wallkill,U.S.Mil.Acad. #2 (A)	3 NW,riv E	340	35h	CLOSED.
Wappingers Falls	0.9 SE,rd S	152	21 S4	80 oct,P-line E,W,S.
WARREN CO.(Glens Falls)	2.4 NNE,rd N	325	40h L5 S1	80 oct. Lgts prior req.
Warwick-Wickham	4.5 NE,RR W	540	24 S4	80 oct. Ridge N.
Westchester(Armonk)	0.5 SSE,riv E	380	23 S6	80,91 oct.Trees sur fld
(P)Westchester Co.(White Plains)	4 NE,lake W	435	50h R1 L5 S6	80,91 oct days;100 oct, FEE.
White (Bedford)(NC)	3.6 SE,hwy E	475	12	
Wingdale	1.5 NE,RR W	400	25 S4	80 oct.No sto,ROUGH.
Wurtsboro	2 NE,RR E,SE	560	31 S6	80 oct.Obsts sur fld.
PENNSYLVANIA				
Matamoras	0.5 SSE,riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req
VERMONT				
Bennington	2.5 WNW	830	13 S1	80 oct,470' hill WNW.
Equinox(Manchester)	1 E,riv E,N	700	18 S6	80 oct.Poleline,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness (Springfield)	3.8 NNW,riv E	570	20 S6	80 oct.
Rutland	5.8 SSE,hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW,riv,RR E	540	19h S6	80 oct.Hill NW prior req
Spring Valley (N.Y.)	0.3 E			Fuel,sto.Data unver.
→ Hammonasset(Madison Conn)	2 E, hwy N	15	14 S2	80 oct.Trees W. Use NE/SW strip only.
Croton Air Park (Peekskill,N.Y.)	4.8 SW;riv SW	280	13	Hill SW.
East Hampton(N.Y.)	2.5 W;RR S	40	25 S4	80 oct. No sto.
Mattituck (N.Y.)	0.8 ESE;bay S	12	25 S6	80,91 oct.Poles N.
Suffolk County (Westhampton Beach,N.Y.)	2.6 N	69	50h	
Amsterdam (N.Y.)	6 N,rd NW	887	18 S6	80 oct.Use strips only.
Milford,(Conn.)	1.5 SSW;rr NW	10	20 S1	80 oct.
Tier Airstrip (Cheshire Conn)	0.8 NNE;hwy W	200	14	W blocked.Use in emerg.
Fulco(Johnstown,N.Y.)	1 SE;hwy S	840	22 S4	80 oct.No sto.Data unver.

LOCATION	FREQ. IDENT.	STA CLASS, BEAR & DIST	FREQS GUARDED, HRS OF OPER., REMARKS
→BRUNSWICK NAS PORTLAND	206(PW)(116.1)	BMRLZ-DTV,149° 2.2	DECOMMISSIONED (4), 116.1
→YARMOUTH FM (Navy)			DECOMMISSIONED
[redacted]			
BEDFORD (Navy)	522 (DBH)	MH	Operates cont.
Bedford AAF	212 (126.18)	CA	(3); 126.18
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . . . -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18,118.1)	AC 238° 1.4	(4), 122.5,126.18, 118 1. 118 7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
→SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN,321°,3.7	3105,4495,142 74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°,1.9	(4),116.1
GRENIER(Man - chester) (Army)	338(DUR)(116.1)	SBMRAZ-V	(3),116.1
Grenier Field	278(126.18, 116.1)+	CA(ILS),352° 4	(3):126.18,116.1

RHODE ISLAND

→CHARLESTOWN NAAS	269(142.74)	CN(GCA)	3105;142 74
GREENE(Providence)	278 (118.9)	C:47°,3.2	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)	MRLWZ	
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN,339°,2.2	(3),142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM,Mass.FM	. . . . .	FM;238°,14.4	Boston
MOOSUP, Conn.FM	(- - - -)	FM,286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→GRENIER (A)	109.5 322.6 ···(W)		352° Mag	IM- (0 02)	MM- (0.71)	OM- (5 00)
				MMK-201 ·-· (0.71)	OMK-219 ·-·	(5 00)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	1 NE,RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW,RR E	160	21 L S6	80 oct Port rnwy lgts.
* Putnam Int, I4,LG-BW	1.7WSW;rivE	460	22 L3	Pole line N;poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC (not charted). → NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW;RR NW	110	22 S2	80 oct. Pole line SE.
Brunswick NAS	1.5 SE;RR N	77	60n	91,100 oct.
Douglas (Brunwsick)	3.5 W,RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW,RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2S, rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting(Bow-doinham)	1 SSE,riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct.Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW,RR S	60	18 S4	80 oct No sto. Trees NNW
(P)Sanford	4 SE,hwy N	243	60h L5 S6	80,91 oct.
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

MASSACHUSETTS

Ames (Brockton)	3 WSW,RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50h R2 L5S6	80,100 oct.
CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80,91 oct
Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E.W.Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club(-Vare-ham) (NC)	1 3 E,riv S	25	17	Pole line, trees N
Chatham	1.7 WNW,hwy S	66	14 S4	80 oct.Pole line N
Eastham Thundertown	5 N	45	16 S3	(Orleans) Data unverif.
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. Poleline E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unverified
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls,dike S.
(A)Fort Devens AAF(A) → (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
Haverhill	2 NNE,lake S	125	17 S6	80 oct Stack S;pole line NW
HYANNIS	1.2 N,RR E	56	41h S4	80,91 oct.
King (Taunton)	4.5 ESE,RR N	45	26 S6	73 oct. Poleline NNE
(P)LAWRENCE	2.5 ENE,lake E	155	40h L5 S6	91 oct. Pole line SSE
Leicester	2 N	1140	15h S4	80 oct, Reservoir SE
(A)LOGAN (Boston)	1.5 E in harb	12	70h R2(L5)S6	80,91,100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E,RR WSW	265	15 S2	80 oct Ridge SSE,NNW
(N) MARTHA'S VINEYD, (Vineyard Haven)	4.3 S,rd S	68	38h L5 S2	80,91 oct.Lgts prior req Obsts SE side TEMP
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto. INACT.NO P-line N,NW NAVY FACS
Myricks	0.8 N,RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore(Essex)	Adj NW	20	15 S1	
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20 S4	80 oct. Trees E,SE
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE,riv N	15	25 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80,91 oct. Port lgts,fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2 7 E,RR NE	110	24h S6	80, 91 oct.Ltd sto.Rnwy data unver.Trees NE,E,SE
Sherman Memorial (Mansfield)	3 SSW,RR W	130	17 S1	73 oct Trees sur fld.
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	2 NE	1100	15	Data unverified
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 L5 S4	91,100 oct. No sto. No ngt flying lgts prior req
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
Wilkins (No Attle-boro)	2 NE,lake NW	200	18 S6	80 oct.Poleline ESE
WORCESTER	3.5 W,RR SE	1009	55h	

NEW HAMPSHIRE

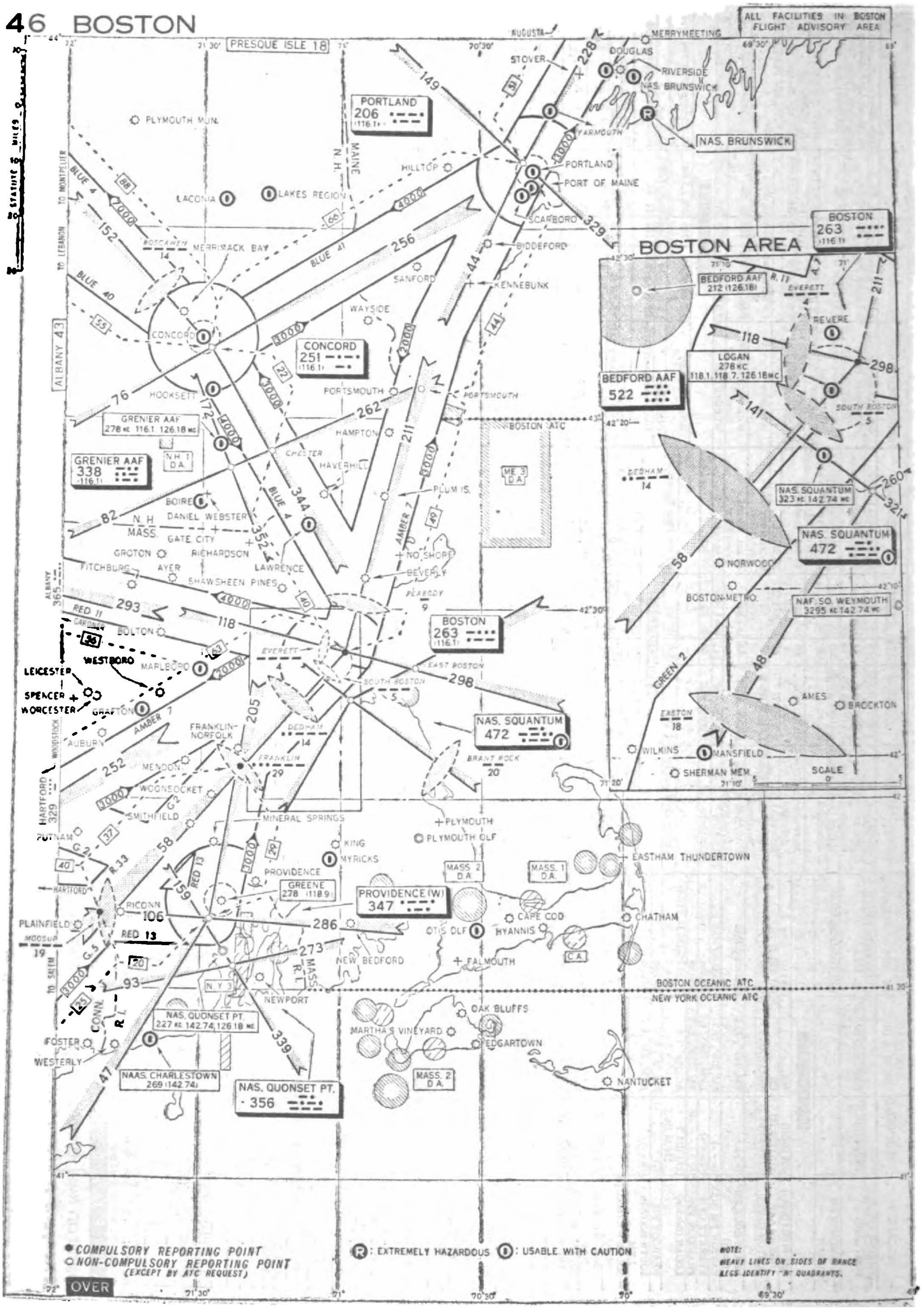
Boire (Nashua)	2.8 WNW,RR N	185	20h L3 S6	80 oct.Lgts prior req P-line S
CONCORD	1.5 E,riv W	346	40h R1 L5 S6	80,91 oct
Daniel Webster(Nash-ua)	3.5 NW,riv E	192	24 S6	80,91 oct Data unverified
Gate City (Nashua)	4 S		23 S4	80 oct. Data unver
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	22 S5	80 oct No sto.Trees N,S.
Hooksett Land & Seaplane	2 S,RR E	187	32 S6	80 oct No sto.
Laconia	3.8 NNE,RR S	536	35h L5 S6	73,80,91 oct Fld lgts prior req.
Lakes Region (Wolfe-boro)	2.6 W,RR E	580	14 S1	80 oct No sto.
Merrimack Bay(Con-cord)	5 NNW,RR W	260	15 S2	80 oct.Poleline S
Plymouth Mun.Arpk	3.5 WNW,RR N	506	18 S2	Ltd 80 oct.Poleline N
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
Wayside(Sommers-worth)	2.4 W,RR N	200	12 S2	80 oct.Trees SSE.

[redacted]

(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
GREENE(Providence)	7 S,RR W	53	41h R1 L5 S6	80,91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80,91 oct.Emerg lgts only.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
Riconn (Greene)	1.8 WNW,RR S	390	15 S4	80 oct.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N)Plymouth, Mass.OLF (N)	4.5 SW	140	28
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
PLYMOUTH MUN.
PORTLAND 206 (116.1)
MERRYMEETING
STOVER
DOUGLAS
RIVERSIDE
NAS. BRUNSWICK
YARMOUTH
NAS. BRUNSWICK
PORTLAND
PORT OF MAINE
HILLTOP
LACONIA
LAKES REGION
SCARBORO
BIDDEFORD
BOSTON 263 (116.1)
BOSTON AREA
MERRIMACK BAY
SANFORD
KENNEBUNK
WAYSIDE
CONCORD
CONCORD 251 (116.1)
BEDFORD AAF 212 (126.18)
EVERETT
REVERE
LOGAN 278 KC 118.1, 118.7, 126.18 MC
BEDFORD AAF 522
PORTSMOUTH
HOOKSETT
GRENIER AAF 278 KC 116.1 126.18 MC
GRENIER AAF 338 (116.1)
HAMPTON
BOSTON ATC
SOUTH BOSTON
NAS. SQUANTUM 323 KC 142.74 MC
CHESTER
HAVERHILL
PLUM IS.
BOIRE
DANIEL WEBSTER
N. H
MASS.
GATE CITY
NAS. SQUANTUM 472
GROTON
RICHARDSON
AYER
LAWRENCE
FITCHBURG
SHAWSHEEN PINES
NO. SHORE
BEVERLY
PEABODY
NORWOOD
BOSTON-METRO.
NAF. SO. WEYMOUTH 3295 KC 142.74 MC
BOLTON
MARLBORO
WESTBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
BOSTON 263 (116.1)
EAST BOSTON
SOUTH BOSTON
NAS. SQUANTUM 472
AUBURN
FRANKLIN-NORFOLK
MENDON
WOONSOCKET
SMITHFIELD
FRANKLIN
BRANT ROCK
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE (W) 347
MASS. 2 D.A.
MASS. 1 D.A.
EASTHAM THUNDERTOWN
CAPE COD
CHATHAM
HYANNIS
OTIS OLF
FALMOUTH
NEW BEDFORD
NEWPORT
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
MASS. 2 D.A.
NANTUCKET
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
BEDFORD 14
EASTON 18
WILKINS
MANSFIELD
SHERMAN MEM.
AMES
BROCKTON
SCALE
PLAINFIELD
RICONN
HARTFORD
PUTNAM
FOSTER
WESTERLY
CONN.
R.I.
TO LEBANON
TO MONTPELIER
ALBANY 43
HARTFORD 329
ALBANY 365
TO SALEM
WOODSTOCK
N. H.
MAINE
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
AMBER 1
AMBER 7
G 2
G 5
R 33
149
228
152
256
44
329
262
211
344
352
293
118
76
82
172
205
252
58
159
106
286
273
93
339
47
141
298
260
321
48
211
55
88
66
14
96
43
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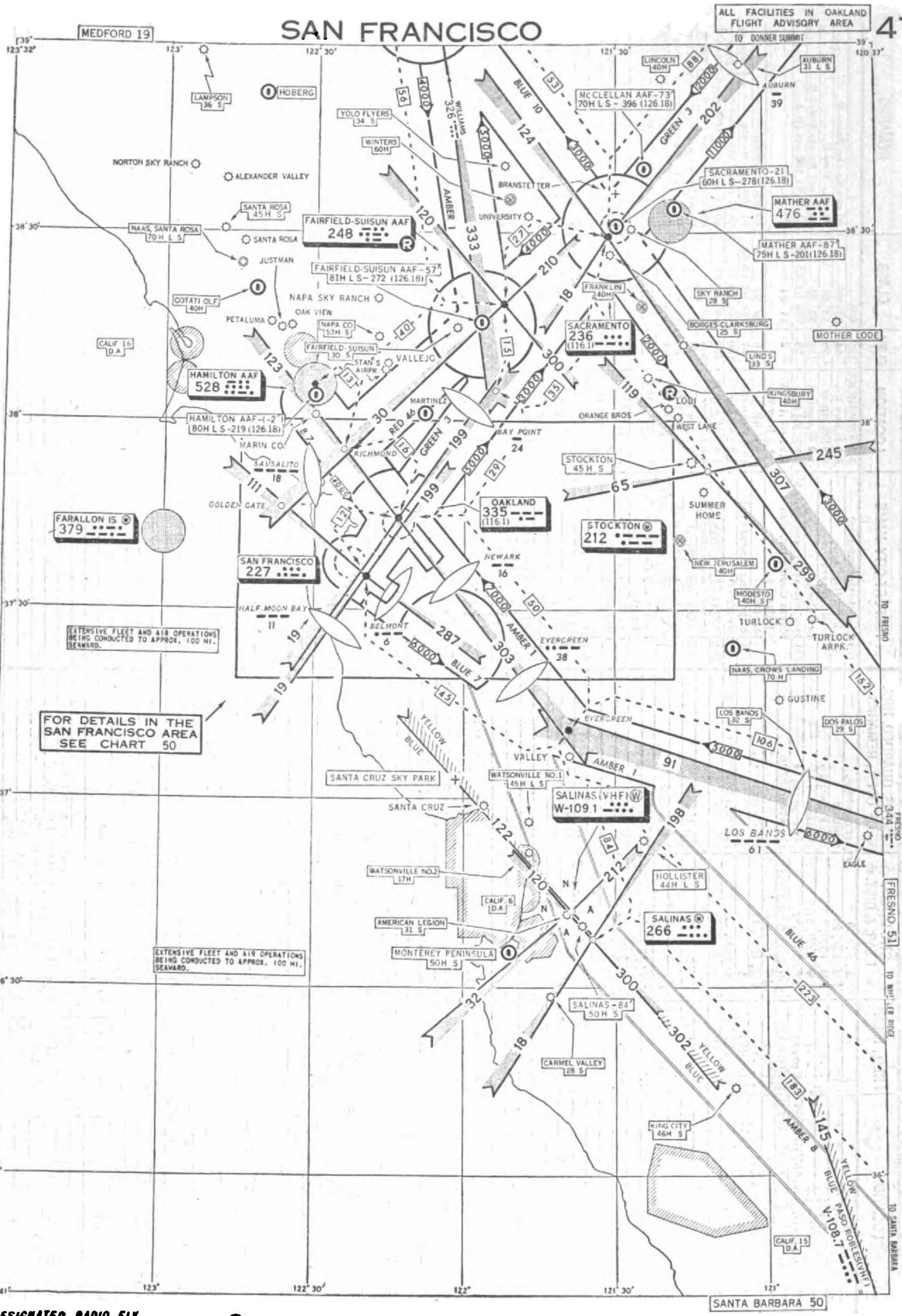
37
40
20
35
5
4
9
18
29
19
14
20
5
4
2000
3000
4000
5000
7000
10000
30000
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
OVER
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ - EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO AIDS INDICATE "B" BOUNDARIES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED TO CLASS OR AIRPORT USE.

SCALE OF MILES
10 0 10 20 30

RADIO AIDS — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3);4220,126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS)(GCA);210°,4.7	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18,4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA; 298°, 8.9	(3); 126.18
Mather Army (H fac.)	116 (DIM)	H	
McCLELLAN (Sacramento)	306 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-VDTX,199°,0.2	(4);116.1,122.1
SACRAMENTO	256(SZ)(116.1)	SBMRAZ-VDT	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);126.18
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(TW)	MRLW,285°,3.1	
SALINAS	106.1(SB)	VARW*	-

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(LS)(A)	I-SJ-3 (W)	335	210° Mag.	IM- (5.3)	MM- (1.1)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.98 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
* Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct,No sto,
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	INACTIVE. Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct,Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,91,100 oct.FOREIGN CLEAR.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED STN.
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct, Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct, No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole line SE.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct,Wires,trees SE.RR W,
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED (A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts. Poles E.
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.
→ Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
→ Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.

TEMP INACT NAVY FACS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page ix) NC (not charted). → NEW OR REVISED DATA.

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-VDT	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS):141°, 1.5	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAF	338 (142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
SANTA BARBARA	230(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-18)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9 (W)		300°Mag.	IM- (0.07)	MM- ····· (0.80)	OM- -- (4.71)
					MMK-	OMK-
OAKLAND	109.9 (W)		273°Mag.	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft) (A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
→ Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)(A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW,hwy NE	36	50h	CLOSED | Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40	Closed-use in emergency only.
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page 18) NC-(not charted). → NEW OR REVISED DATA

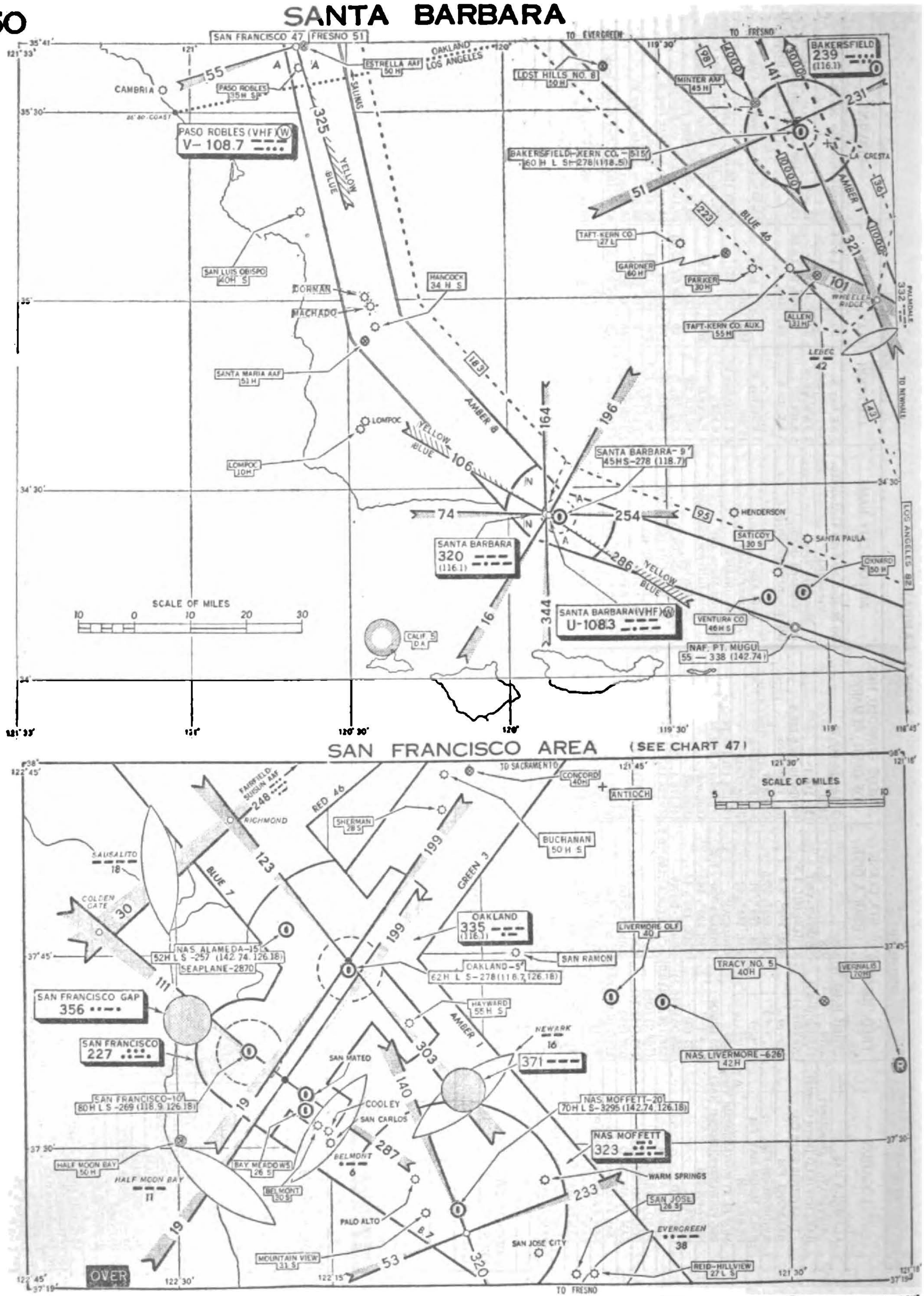
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. | Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.

NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
→ Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts.

SANTA BARBARA



● DESIGNATED RADIO FIX

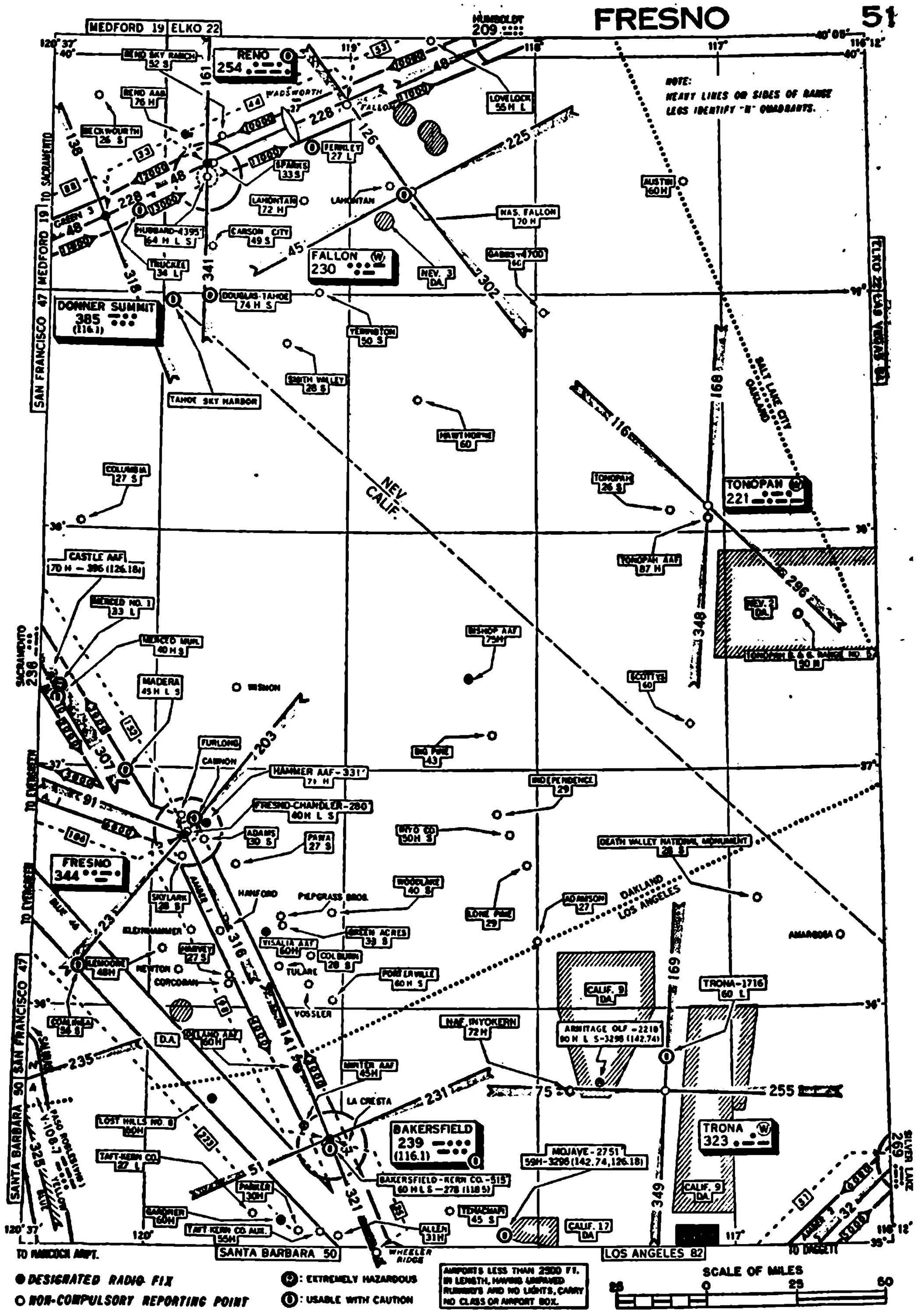
○ NON-COMPULSORY REPORTING POINT

NOTE:
DEBIT LINES ON SIDES OF RADIO LEGS INDICATE 8 QUADRANTS.

AIRPORTS LESS THAN 3500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED AND CLASS OR AIRPORT ADS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO 254
RENO SKY RANCH 52 S
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
NOTE:
HEAVY LINES OR SIDES OF BARBS LEGS IDENTIFY "H" OMNIRANGES.
FERNLEY 27 L
SPARKS 33 S
LAMONTAIN 72 H
LAMONTAN
AUSTIN 60 H
NAS. FALLON 70 H
HUBBARD-4395' 64 H L S
CARSON CITY 49 S
FALLON 230
NEV. DA
TRUCKEE 34 L
DOUGLAS-TAHOE 74 H S
DONNER SUMMIT 385 (11&I)
TERRINGTON 50 S
SMITH VALLEY 26 S
TAHOE SKY HARBOR
HAWTHORNE 60
SAN FRANCISCO 47
SACRAMENTO 236
MEDFORD 19
ELKO 22
LAS VEGAS
SALT LAKE CITY OAKLAND
NEV. CALIF.
COLUMBIA 27 S
CASTLE AAF 70 H – 396 (126.18)
MERCED NO. 1 33 L
MERCED MUNI 40 H S
MADERA 45 H L S
WISHON
BISHOP AAF 75 H
SCOTTY'S 60
TONOPAH 26 S
TONOPAH 221
TONOPAH AAF 87 H
DEATH VALLEY NATIONAL MONUMENT 28 S
BIG PINE 43
INDEPENDENCE 29
BYRD 60 30 H S
HAMMER AAF-331' 71 H
FRESNO-CHANDLER-280' 40 H L S
FURLONG
CAMNON
ADAMS 30 S
PAWA 27 S
FRESNO 344
SKYLARK 28 S
HANFORD
PEPPERGRASS BROS.
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
DEATH VALLEY NATIONAL MONUMENT 28 S
DAKLAND LOS ANGELES
AMARGOSA
VISALIA AAF 60 H
GREEN ACRES 39 S
COLBURN 28 S
TULARE
PORTERVILLE 60 H S
VOSSLER
LEMOORE 48 H
HARVEY 27 S
KINGSBURG
CORCORAN
COALINGA 36 S
D.A.
HANFORD AAF 60 H
NAF INYOKERN 72 H
ARMITAGE OLF-2218' 90 H L S-3298 (142.74)
CALIF. 9 D.A.
TRONA-1716 60 L
HINTER AAF 45 H
LA CRESTA
LOST HILLS NO. 8 60 H
BAKERSFIELD 239 (116.1)
MOJAVE-2751' 59 H-3298 (142.74,126.18)
TAFT-KERN CO. 27 L
BAKERSFIELD-KERN CO.-515' 60 H L S-278 (118.9)
PANAMA 30 H
GARDNER 60 H
TAFT-KERN CO. AUX. 55 H
ALLEN 31 H
TEHACHAPI 45 S
CALIF. 17 D.A.
TRONA 323
CALIF. 9 D.A.
SILVER LAKE 269
SANTA BARBARA 50
SANTA BARBARA
TO PARDEE APT.
WHEELER RIDGE
LOS ANGELES 82
TO DAGGETT
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50

NAVAIDS

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239 (BD)(116.1)	SBMRAZ-DTV	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C(ILS); 141°, 1.5	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°,0.9	(4)
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18,142.74
TRONA	323 (EW)	SMRAWZ, 349°, 11	

NEVADA

FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun (6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9 (W)		300° Mag.	IM- (0.07)	MM- ·····(0.80)	OM- —(4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N, W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto. Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	-178	28 S2	87, 100 oct.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct. No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
→ Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h R1	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto. Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto. Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW. Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAS	6 SE;hwy S	3931	70h	INACTIVE
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
→ HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW. Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230		80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC-(not charted). → NEW OR REVISED DATA

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-VDT,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(116.1)	BMRLZ-VDT,195°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-VDT,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM, 28°, 30	Las Vegas
LAS VEGAS	206(LQ)(116.1) (111.1)	SBMRAZ-VDT	(3)131.7,116.1 only
Las Vegas AAF	278(126.18.118.7H	C (ILS),34°, 1.9	(4):118.7,126.18.122.5 (8-midnite)

UTAH

BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-VDPT,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-VDP,229°,7.8	3117.5;131.7,116.1, 129.7(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAS VEGAS AAF	110.3 (W)	335	25° Lag	IN	HH ----(0.66)	OH -- (4.2)
					HHR	OHR

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W;RR S	5089	41 L3	
(P) Clemenceau (Cottonwood)	1.7 SSW;hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A.Love (Prescott)	8 NE;RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE;hwy W	4800	34	
Grand Canyon-South Rim	14.8 S;RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A) Kingman AAF(A)	8.5 NE;hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW;hwy E	2850	34 S1	73 oct.
Port Kingman (Kingman)	3 NE;RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E;RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N;RR E	6600	41 S6	80 oct.Mts SW.
(P) Yucca	1.5 NE;RR W	2030	60h	

CALIFORNIA

*	Bagdad Int,16,LA-AQ	1 S;RR N	700	40 L3	
	Needles	5.5 S;hwy E	990	58h R1 L3	
	Riverview(Needles)	1.4 S;riv N	500	27 S1	80,91 oct.Trees NNE
*	Silver Lake Int,18, LA-SL	2.5 SSE;RR E	917	40 R1 L3	Rnwy data unverif.

NEVADA

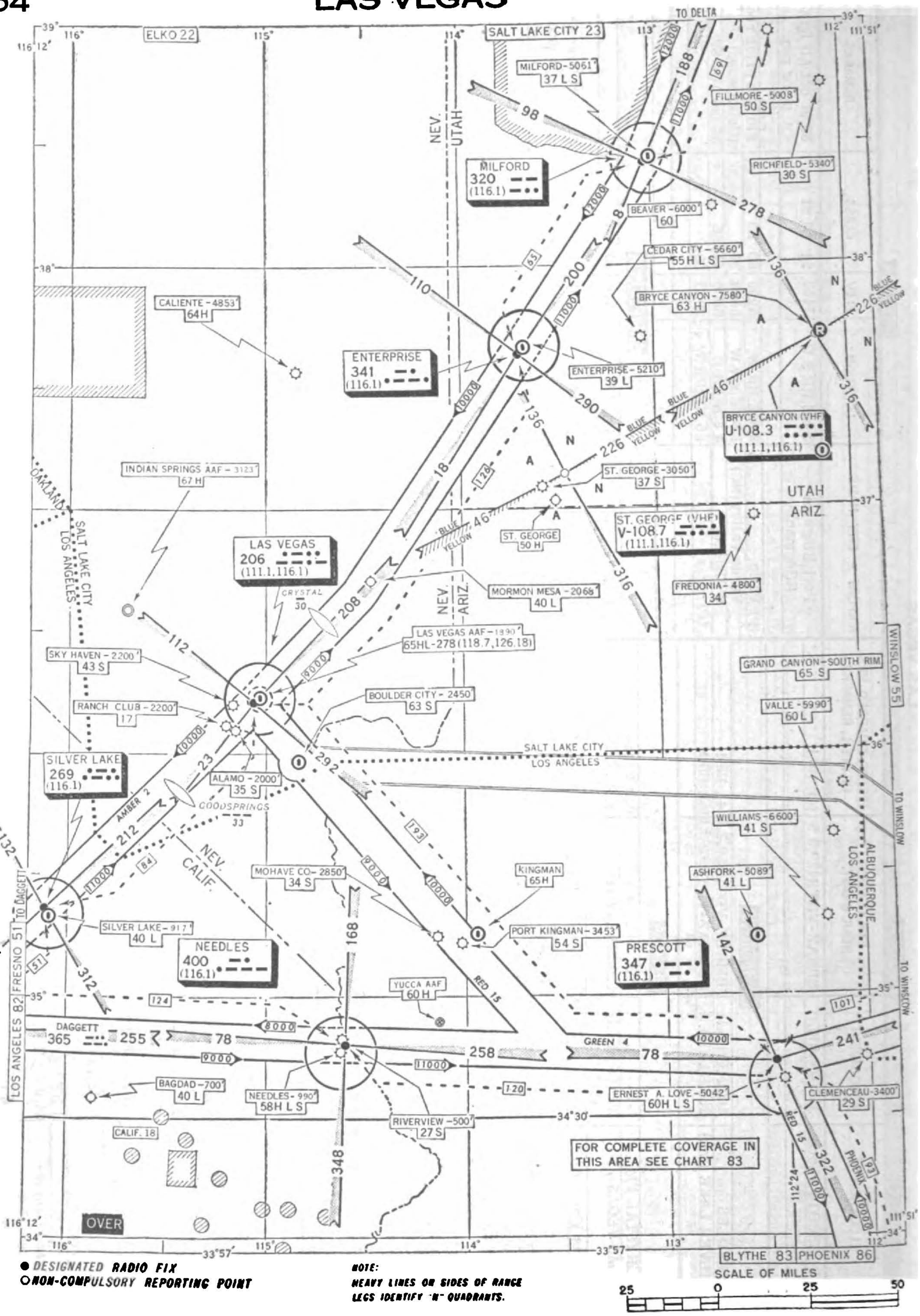
Alamo (Las Vegas)	5.5 SSW;RR SW	2000	35 S4	73,80,91 oct.
BOULDER CITY	1.8 SW;RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W;hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) L s Vegas AAF(A)	7.8 NE;hwy NW	1890	65h R3 L6	TEMP INACT. NO FACS.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W;hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW;RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE;hwy E	2536	40	
Sky Haven	3.3 NW;hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

	Beaver	3.2 SSW;hwy E	6000	60	
*	Bryce Canyon Int, 45, LA-DV	5 N;hwy S	7580	63 L3 S2	No fuel.
	Cedar City	2.3 NW;hwy W	5660	55h L5 S6	80,91 oct.
*	Enterprise Int,39	8 NNE;hwy N	5210	39 R1 L3	LA-SL
	Fillmore	2 WSW;hwy SE	5008	50 S2	73 oct.
	Milford,45,LA-SL	2.3 NNW;RR E	5061	37 R1 L3 S1	80 oct.
	Richfield	1.8 SSW;RR E	5340	30 S4	80 oct.
	St.George	1.5 SSW;riv SSE	3050	37 L2 S4	80 oct.Fld lgts & svcg prior req.
*	St.George Int,36, LA-DV	6 SE		50h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

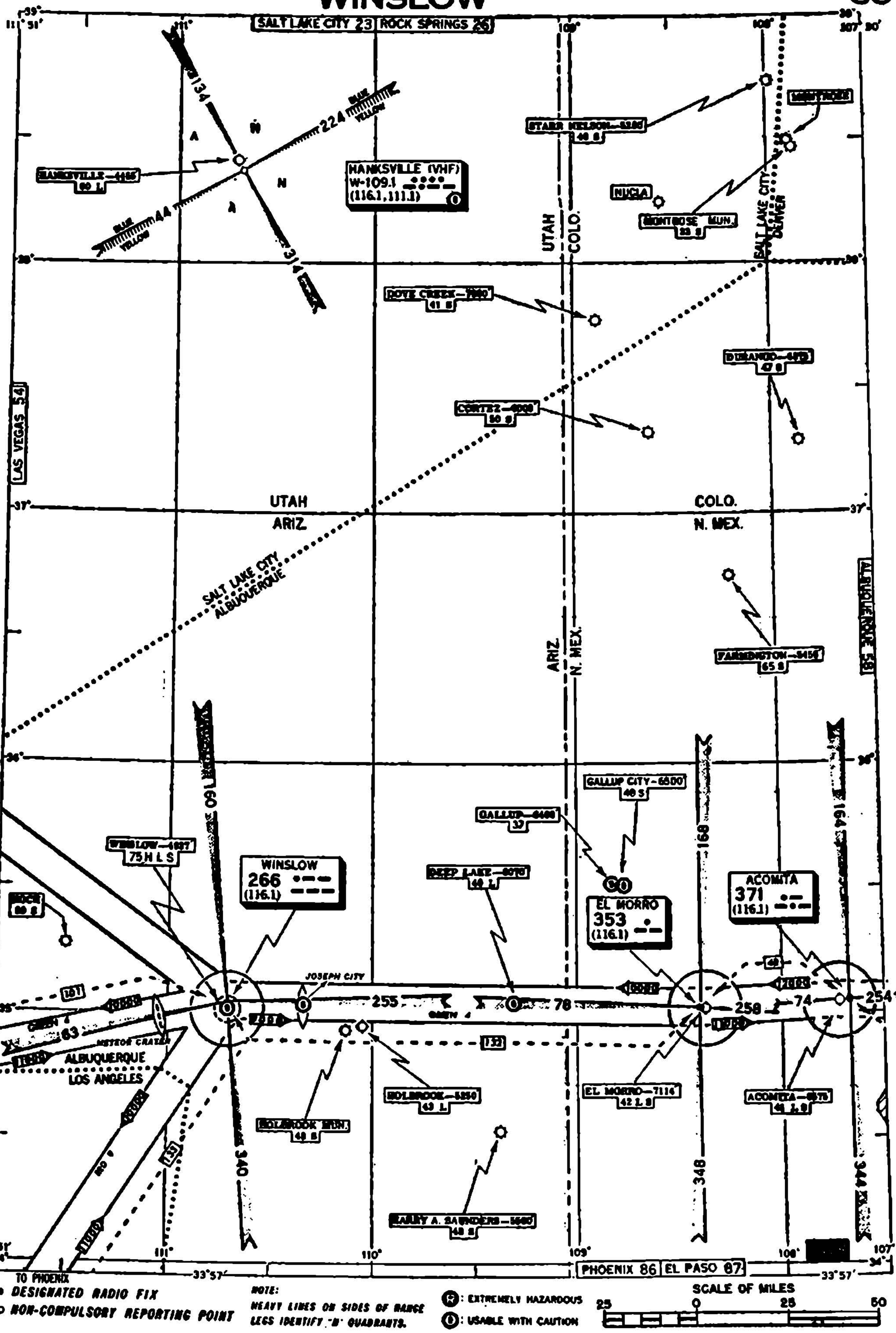
LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

WINSLOW



- ● DESIGNATED RADIO FIX
- ○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

- E: EXTREMELY HAZARDOUS
- U: USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-VDT	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	**371(AK)(116.1)**	**BMLZ-VDT,254°,1.9**	**(4), 116.1**
EL MORRO (Int.)	**353(EM)(116.1)**	**BMRLZ-VDT,78°.0.1**	**(4), 116.1**
UTAH			
HANKSVILLE Int	**109.1(HY)(111.1) (116.1)**	VAR-VDP,314°,2.8	(3) on req.3117.5,116.1 131.7,129.7

S-Signal, Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
* **Deep Lake Int**,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct.Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.
COLORADO				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E,road N	5200	40 S4	80 oct.
Montrose	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla	2.3 SSW,riv S	5910	36	

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct.in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
* El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
→ Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
Aztec (NC)	2.2 NW on mesa	5700	28	Emerg only.
UTAH				
* Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N;hwy E	5284	30	

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC) Not charted. → NEW OR REVISED DATA.

RADIO

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CO)	MRLWZ 166°,3.9	
FOUNTAIN FM	(- - - -)	FM;344°,32.7	Pueblo
LA JUNTA AAF	281(LH)(116.1)	SBMRIZ-DTV;194°,2.6	(4);116.1
PETERSON FIELD(Colorado Springs	272 (126.18)	CA	(4);116.1,126.18
PUEBLO	302(PU)(111.1,116.1)	SBRAZ-DTV;340°,2	(4);116.1,111.1,122.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-DTV;170°,3	(4);116.1

NEW MEXICO

ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-VDT;354°,3.1	(3); 116.1
CLOVIS (Army)	203 (DCV)	MRAWZ	(3)
Clovis AAF	306(126.18)	CA(ILS);34°,6.2	(3);126.18
Clovis AAF	526 (DCV)	HW-DT; 130°,1.6	
JUAN TOMAS FM	(- -)	FM; 71°, 18	Albuquerque
KIRTLAND FIELD (Albuquerque)	278(126.18,118.7)+	AC (ILS)	(4);126.18,118.7,122.5
LAS VEGAS	359(VH)(116.1)	SBMRAZ-VDT;80°,3.2	(4);116.1
MAXWELL FM	(- -)	FM, 170°, 54	Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BMRIZ-VDT;74°,0.2	(4); 116.1
PERALTA FM	(- - -)	FM, 174°, 11.6	Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MHVT	(4); 116.1
TUCUMCARI	212(YC)(116.1)	SBMRAZ-VDT;76°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLOVIS AAF	109.9 (W)		33° Mag.	IM- (0.23)	MM- ·····- (0.86)	OM- -- (4.36)
					MMK-	OMK-
KIRTLAND	110.3 --.--.-	335	349° Mag.	IM-	MM- ·-·-·- (0.64)	OM- -- (4.32)
					MMK-	OMK-

3-Simul. Range and Voice. W-Without Voice: 2-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW. CLOSED
→ Black's (La Junta)	4.8 S;riv 5 S			ABANDONED
Costilla County(Mesita)	4 E; RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAP (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS
La Junta Bridges (La Junta)	3 SW; hwy W	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
(A) Las Animas (La Junta) (A)	19 NE	4119	70h	Las Animas 5.9 SSE, CLOSED
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N; hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

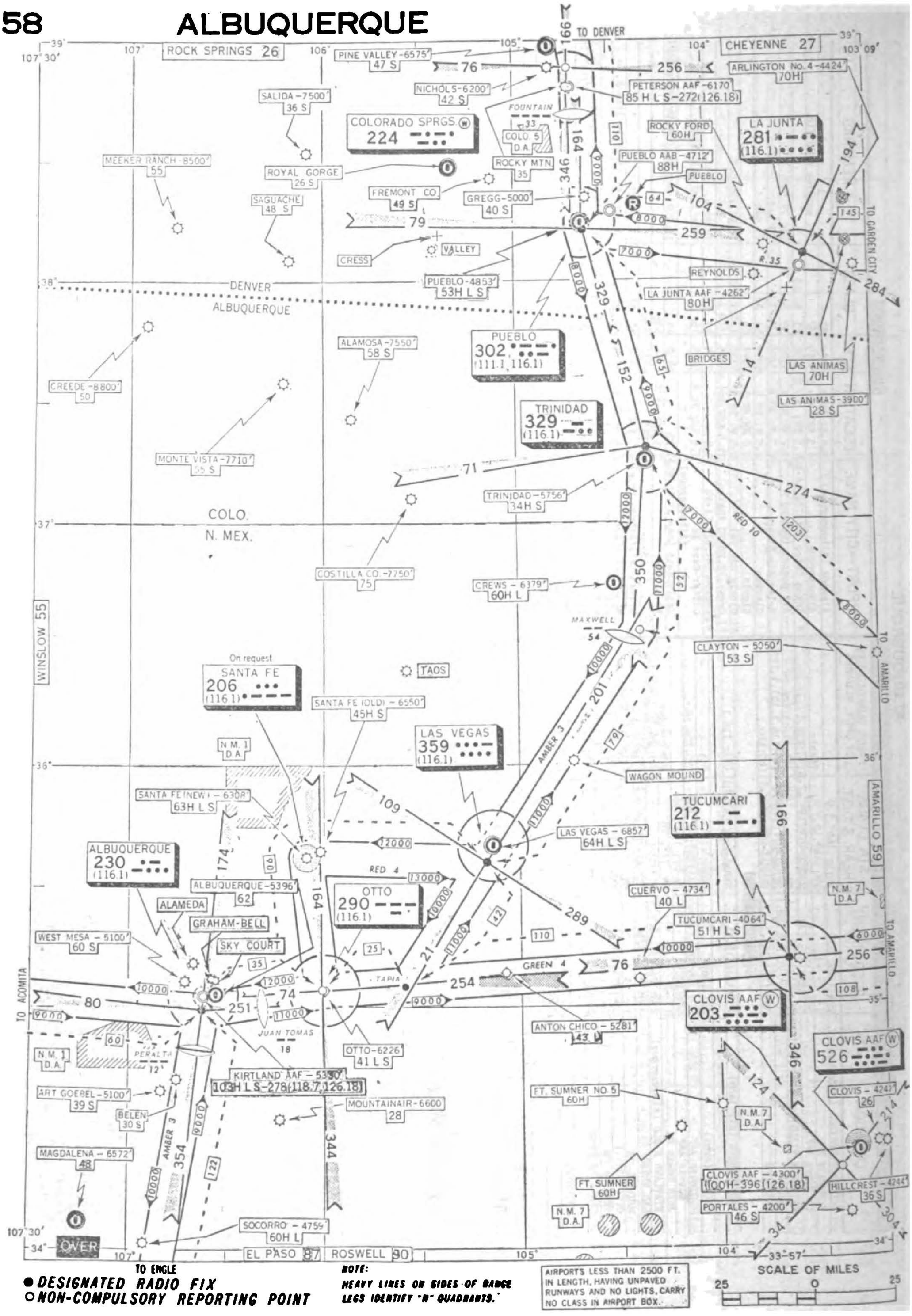
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RPC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 R1 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	30 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
Clovis	0.8 NW;RR S	4247	26	
A) Clovis AAF (A)	6.5 W; RR N	4300	100hR3 L5 S6	73,91,100 oct.
P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	46	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE. Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto.Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt. SE
A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103hR3 L6 S6	73,91,100 oct. JP-1. No sto.Twrs on fld.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
SANTE FE (new)	9.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.Rnwy lgts on req.
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S; hwy E	4759	60h R1 L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Fence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

NEW AIRPORTS

58 ALBUQUERQUE



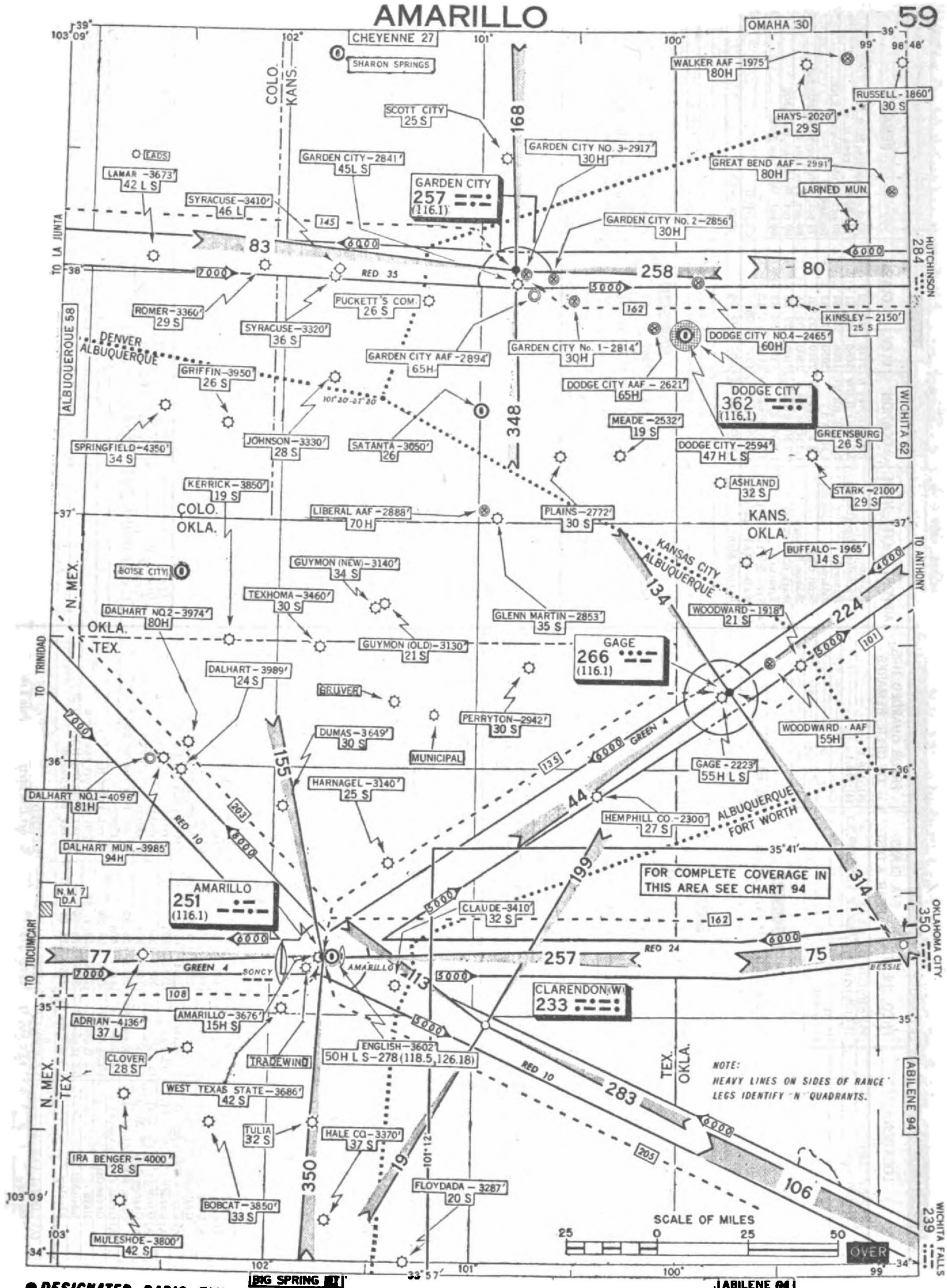
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

AMARILLO

59



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DODGE CITY	362 (OD)(116.1)	MHVT	(4) -116.1
GARDEN CITY	257 (GK)(116.1)	SBRAZ-VDT:169°,3.7	(4):116.1
[redacted]			
GAGE	256 (VM)(116.1)	SBRAZ-VDT,234°,2.1	(4): 116.1
[redacted]			
AMARILLO	251 (AQ)(116.1)	SBRAZ-VDT,77°,2 to English Fld	(3):116.1.122.1
→ AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (116.5) (126.16)	AC (ILS)	(4):126.18.118.5. 122.5
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (ILOS COMPASS LOCATORS)		
ENGLISH	110.3	335	200° Mag.	IM-	MM- ·—·—(0.6)	OM- ——(5.92)
					MMK-	OMK-

S-Steml, Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S.

KANSAS

Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN.	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Lgts prior req.
(A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1 (A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2 (A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct. Use strips only. Pole line N.

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N.NW	3050	26 S1	Ltd 80 oct. Trees N.
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct.No sto. Poles N,S,NE
Satanta	1 N,RR S	3050	26 S2	No fuel.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW.
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE.
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED
Larned Mun.	1.6 NNE,RR SE	2012	33 S6	80,91 oct.
[redacted]				
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct,
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct. Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.
Boise City	3 N,hwy W	4200	33	

TEXAS

★ Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 WNW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3 8 SSW;RR N	3989	94h	
(A) Dalhart No. 1 (A)	9.7 WSW;RR, hwy E	4096	81h I.	TEMP INACT. NO FACS.
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N. TMP INACT CIVIL FACS
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct;100 oct Army.P-line N,NW.ARMY
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW.
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	30 S4	80 oct. No sto. Allway fld. P-line SE,
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct. Pole line N. Wdmill SW
(P) Tulia	1.5 NNW,RR W	3500	32 S1	80 oct. Poleline NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SE.
Tradewind (Amarillo)	1.5 SE	3636	30 S6	Data not verified. (Texas)
Gruver,Tex.	0.7WNW,RR E	3200	40 S1	80 oct. P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
Cochran (Morton, Tex.)	1.5 E;rd W	3750	30	P-line E,S.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. See page (x) (NC)-Not charted. —► NEW OR REVISED DATA

RADIO — KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MHVT	(4);116.1
→ CASSODAY (Int.)			DECOMMISSIONED
HUTCHINSON	284 (HN)(116.1)	SBMRLZ-VDT;350° 3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM, 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL, (Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAF	396(116.1)(126.18)	CA(ILS);170°,c.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-VDT	(3);116.1
Wichita Airport	278(126.18)(118.7)	AC(ILS);167°, 1.0	(4);122.5,126.18,118.7
OKLAHOMA			
→ ENID (Army)			DECOMMISSIONED
→ Enid AAF			DECOMMISSIONED
PHILLIPS ARPT(Bartlesville)	278	CI	3105 (On req)
PONCA CITY	368(FC)(116.1)	MHVT	(4); 116.1
RED FORK FM	(- - -)	FM; 225°, 13.7	Tulsa
SKIATOOK FM	(- - - -)	FM; 298°, 17.8	Tulsa
TULSA AIRPORT	278(126.18,118.5)	AC (ILS)	(4);118.5,126.18,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→SMOKY HILL AAF (A)	109.9 (W)	333.8	123° Mag.	IM- (0.19)	MM- ·····(0.99)	OM- --(4.20)
					MMK-	OMK-
TULSA, OKLAHOMA	110.3	335	354° Mag.	IM-	MM- ·-·-(0.65)	OM- --(4.82)
					MMK-	OMK-
WICHITA, KANSAS	110.3	335	2° Mag.	IM- ·····(0.05)	MM-	OM- --(5.37)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct.No sto.Portlgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct.Poleline S,SW,Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct. Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 L3	Twrs S.
Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S1	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
Eureka	3.2 E; RR N	1100	21	Pole line S.
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
(A) Herington AAF (A)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; riv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct.Trees S,SW, Obsts
Kiowa Flying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

AIRPORTS — KANSAS

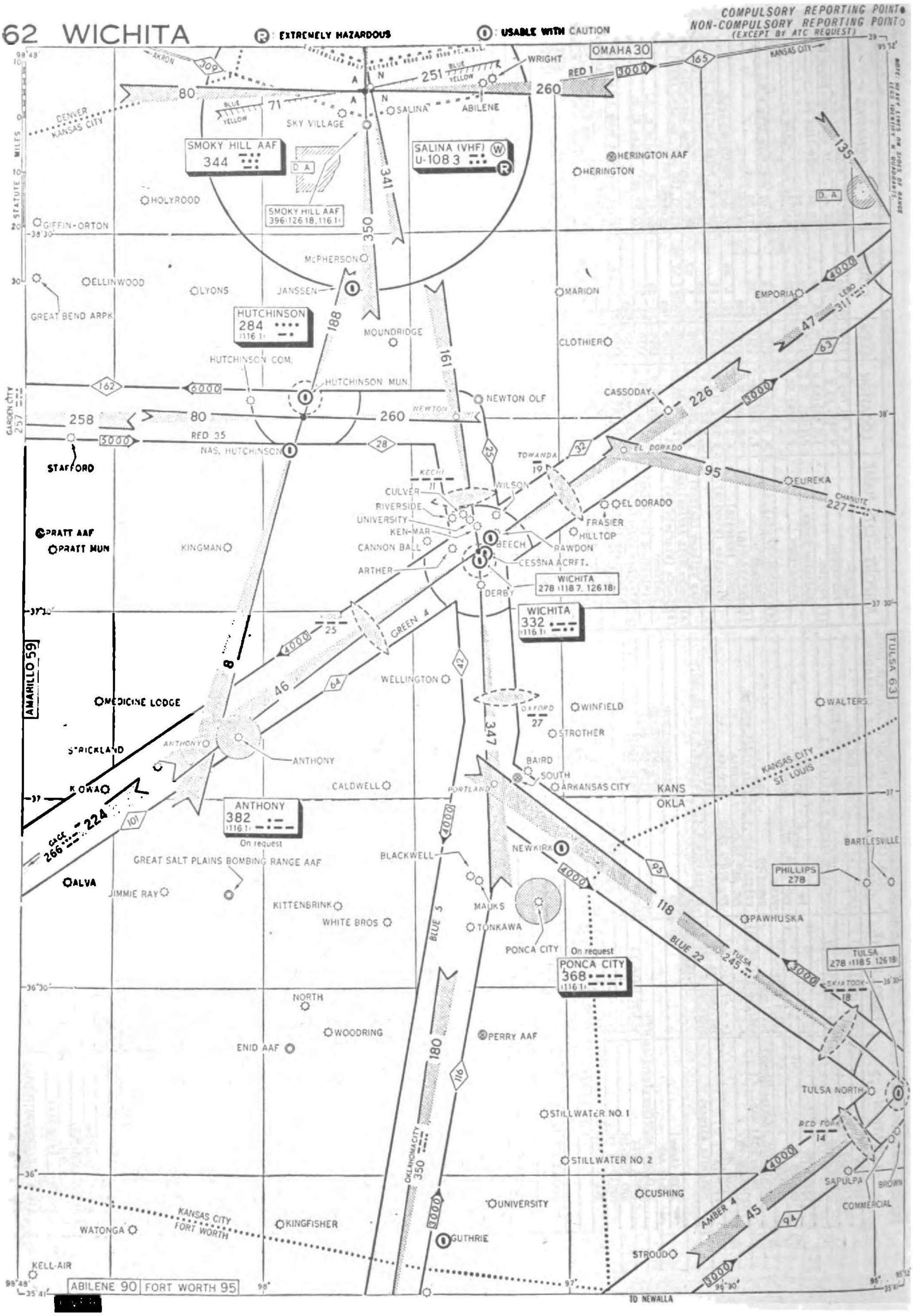
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E.
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
(N) Newton OLF (N)	4 ENE;rd S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF(A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct. Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91,100 oct. No sto. (A) S.
(A) South (Winfield)(A)	14 SSW	1230	40h	CLOSED
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91 oct;100 oct Army.Pole N.ARMY
→ Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto. TMP INACT CIVIL FACS.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt acft only.Pwr lineW.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.
Jensen Skytel (McPherson)	1.5 SW;hwy N	1500	22 S6	80 oct Hi-line W; poles E
OKLAHOMA				
Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h	TMP INACT;NO FAC.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts, Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A) TULSA AIRPORT	6.2 NE;RR S	674	71h R3 L5 S6	73,80,91,100 oct.
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE.
University (Langston)	1 S; rd N	1025	26	Bldg SE corner.
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S.
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req.
Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.

62 WICHITA

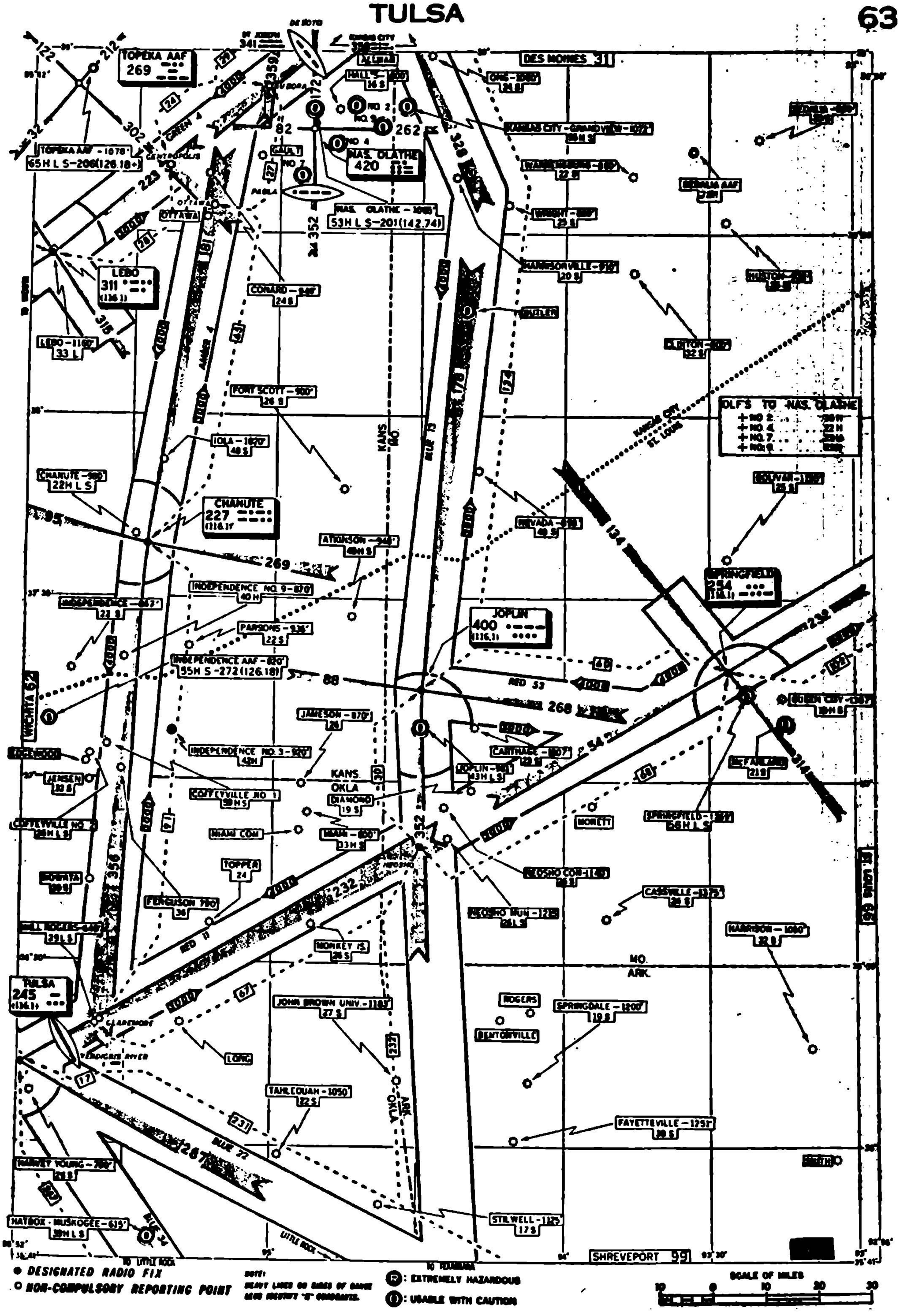
R : EXTREMELY HAZARDOUS

I : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)



TULSA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BASIC MEA INDICATE "E" BOUNDARIES.

(R): EXTREMELY HAZARDOUS

(T): USABLE WITH CAUTION

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-VTT, 304°,2.5	(4);116.1
DE SOTO PM	(- - -)	PM; 224°, 19.6	Kansas City, Mo.
INDEPENDENCE AAP	272 (126.18)	CA	(3); 126.18 (7-19)
LEBO (Int)	311(LN)(116.1)	BMRZ-DTV, 336°, 0	(4);116.1
OLATHE (Navy)	420 (NUU)	BMRLZ	
Olathe NAS	201 (142.74)	CN(GCA);352°,2.9	(3); 142.74 (8-18)
PAOLA FM (Navy)	(. - - -)	PM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
Topeka AAP	206 (116.1) (126.18)	CA;320 3.5	(3); 116.1,126.18

MISSOURI

JOPLIN	400(JH)(116.1)	BMRLZ-VDT,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-VDT,134°,4.3	(4); 116.1

OKLAHOMA

TULSA	245(TS)(116.1)	SBRAZ-VDT,225°, 1	(3); 116.1
VERDIGRIS RIVER FM	(-)	FM;52°,9.6	Tulsa

S-Simul; Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.

KANSAS

(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S6	80,91 oct.
Coffeyville, Mun #1	5 NNE	743	59h S2	80 oct Use rnwys only.
" mun. #2	2 NW;riv E	880	26h R1 L3 S6	80 oct. Poles NW;hi-line SW.
Conard (Ottawa)	3.8 NNE;RR S	946	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Ferguson Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville)	0.8 ESE;RR N	1020	20 S1	80 oct.Trees E.
Girard	1.7 WNW;RR E	950	14	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line N
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAP (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
(A) " #3 (A)	24 ESE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 SSE;rd N	1020	48 S6	73,80 oct.
★ Lebo Int,39,AQ-KC	4 ENE;RR N	1160	33 R1 L3	
Mader (Garnett)(NC)	2 WNW;hwy S	1060	26	
(N) Olathe NAS (N)	5.2 SW;RR W	1085	53h R2 L5 S6	100 oct.
(N) " OLP #2 (N)	5 SE	1090	16h	INACTIVE.4 W of Stanley.
(N) " OLP #4 (N)	10 S	1090	22h	1.3 SE of Springhill.INACTIVE.
(N) " OLP #7 (N)	16 SSW	940	23h	4.3 W of Hillsdale.INACTIVE.
(N) " OLP #9 (N)	11 SE	1070	23h	1 N of Stillwell.INACTIVE.
Ottawa	5.3 S;RR W	975	32	
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAF (A)	6 S;RR W	1078	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.
Allman (Lenexa)	2.5NNW;hwy N	900	22 S1	81 oct. Hedge E.
Fredonia Mun.	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk(Stanley)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E;trees N,W.

MISSOURI

Bolivar	1.8 WSW;hwy N	1138	25 S2	80 oct.Poles N.
Branson (NC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline W,SW.
Cassville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
(P) Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,SE.
(P) Grandview (Kansas City)	16.4 S;RR E	1072	55h L5 S2	80,91 oct.Fld lghts prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE;RR N	981	43h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
" mun.	2.8 SW;hwy E	1215	26 L3 S2	80 oct.Poles N,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
Queen City (Springfield)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req.
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) " AAF (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP INACT NO FACS
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 NNW hwy SW	880	25 S1	80 oct.Pole line S.
Butler	1.5 N		25 S2	80 oct. Data unverified.
Monett	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD	5.5 WNW; RR NE	1269	56h R1 L5 S5	80,91,100 oct;100 oct Army.

OKLAHOMA

Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee)	2.7W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stilwell	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
Topper (Vinita)	3.9 SW;RR ESE	800	24	
Will Rogers,36, AQ-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.
Bentonville,(Ark.)	1.5 SSW;RR N	1200	24 S1	80 oct.
Smith (Hasty,Ark.)	3.3 SSW;rd S	1500	16 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS

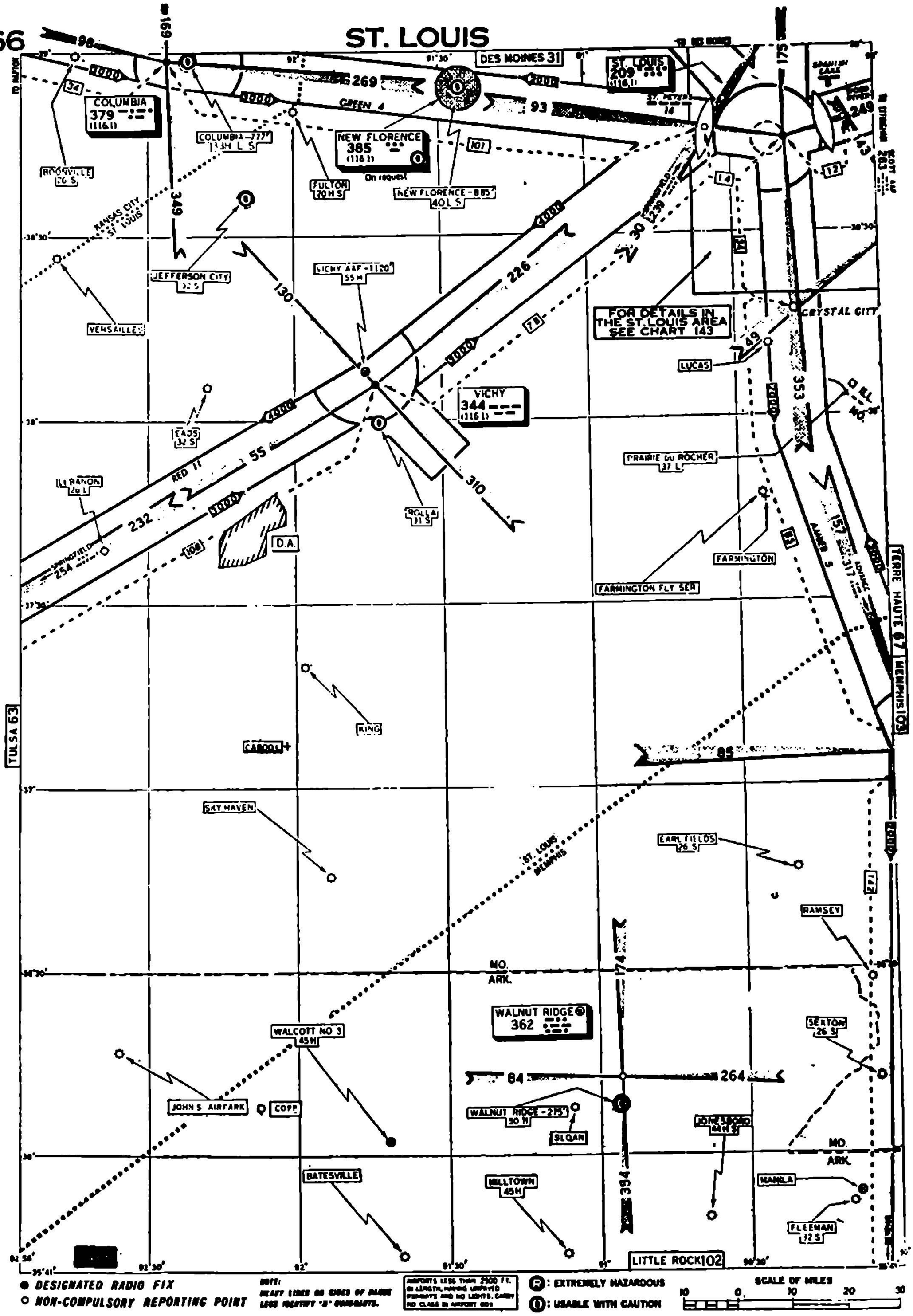
LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MR;WZ,174°,5	
COLUMBIA	379 (CA)(116.1)	SERAZ-DTV.89°.3.9	(4);116.1
NEW FLORENCE (Int.)	385 (ST)(116.1)	MHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)(116.1)	SBRAZ-DTXV256° 2.2	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
VICHY	344(OM)(116.1)	BMRLZ-VDT,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE,hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A) Walcott #3 (Walnut Ridge)(A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	
* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,rlv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80,91 oct.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct.Part rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW;RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED
Cabool (Mo.)	0.8 SW		18 S1	80 oct. Data unver.
Conn (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Sloan(Black Rock,Ark)	0.5NE;RR W, rlv E	270	16	

ST. LOUIS


TO RAYTOWN
169
98
34
COLUMBIA
379
(116.1)
COLUMBIA-777°
13H L S
ROCHEVILLE
26 S
KANSAS CITY
ST LOUIS
38°30'
JEFFERSON CITY
33 S
VERSAILLES
349
130
VICHY AAF-1120'
55 H
269
DES MOINES 31
91°30'
GREEN 4
93
NEW FLORENCE
385
(116.1)
On request
FULTON
20 H S
NEW FLORENCE-885'
40 L S
101
ST. LOUIS
209
(116.1)
ST. LOUIS
14
175
SPANISH LAKE
249
43
TO HANNIBAL
280
14
12
226
78
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143
CRYSTAL CITY
LUCAS
49
VICHY
344
(116.1)
EADS
32 S
38°
RED 11
55
232
109
LEBANON
20 L
SPRINGFIELD
254
D.A.
ROLLA
31 S
310
353
PRAIRIE DU ROCHER
37 L
FARMINGTON
FARMINGTON FLY SER
63
157
ADVANCE
317
TERRE HAUTE 87
MEMPHIS 103
TULSA 63
KING
CARROLL
37°
SKY HAVEN
ST. LOUIS MEMPHIS
95
EARL FIELDS
26 S
RAMSEY
MO.
ARK.
37°30'
WALNUT RIDGE
362
WALCOTT NO 3
45 H
84
264
JOHN S AIRPARK
COPP
WALNUT RIDGE-275°
50 H
SLOAN
JONESBORO
48 H S
SEXTON
26 S
BATESVILLE
MILLTOWN
45 H
354
MANILA
FLEEMAN
32 S
LITTLE ROCK 102
92°36'
92°30'
92°
91°30'
91°
90°30'
35°41'
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF PAGE LEAD NEARLY "S" QUADRANTS.
AIRPORTS LESS THAN 3500 FT. OR LENGTH, RUNWAYS UNPAVED OR/AND NO LIGHTS, CARRY NO CLASS IN AIRPORT GDE
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

TERRE HAUTE 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

PEORIA
NORTON
PEKIN
BLOOMINGTON
TO JOLIET
CHICAGO 34
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126.1R)
CHICAGO CINCINNATI
ATTICA
CORK
MEDBERY
CLINTON
ILLINI
CHAMPAIGN
DANVILLE
VERMILION
HIGHLAND
UNIV. OF ILLINOIS
CHICAGO ST LOUIS
DECATUR
SPRINGFIELD 239
DECATUR PARK
COOPER
KINGMAN
PORT O' THE WOODS
FLECK'S LAKEVIEW
MC COY
MOODY
ALLEN
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
HULMAN
MATTOON
CHARLESTON
PAUL S COX
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 143
EFFINGHAM
HILLSBORO
H AND S
LINTON
EFFINGHAM CO
SMITH AVIATION
VANDALIA MUN.
ST LOUIS 209
HIGHLAND-WINET
JAMESTOWN
EMISON
GEORGE AAF
SCHILT
O'NEAL
WASHINGTON MUN
WASHINGTON
LECKRONE
FLORA
PRESBYTERIAN NO. 3
CYRIL LEBERT
B AND K FLY. SER.
BECKERMAN
STRAUB
EVANSVILLE 233 (118.1)
SCOTT AAF 263
MT. VERNON
NASHVILLE
WHITE CO.
OU QUOIN
MT. VERNON
EVANSVILLE 278 (118.5)
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
HENDERSON
FERGUSON
OWENSBORO
STURGIS AAF
MADISONVILLE
MEMPHIS 103

TERRE HAUTE

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRAZ	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-VDT, 341°, 0-Intermediate	(4), 116.1
SCOTT (Belleville)(Army)	263 (DCD)	SBMRAPZ-DT, 49°, 2.2	(4)
SPRINGFIELD	239 (ZD)	SBMRAZ-DT, 113°, 2.3	(4)
EVANSVILLE	253 (EV)116.1)	SBRAZ-VDT	(3) ;116.1
Evansville Airport (old)	278 (TH 5)	C, 177°, 5.7	(4).118.5.122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-VDT; 69°, 6.8 (Hulman)	(4): 118.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N, NW.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
→ Champaign	2 NNW;hwy SW	753	28 S6	73,80 oct.W,NW,S blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
→ Charleston	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-line N,E,W.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h S6	80,91 oct.
Denis (Muddy)	Adj E	400	27 S1	80 oct.Data unverified.
(P) Du Quoin	1.8 W,hwy S			ABANDONED
✓ Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
* Effingham Int,10,L3-H)	2.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	81 oct.P-line W.
Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.6 NE,RR S	535	24	Pole line S. P-line SW.
→ Illini (Urbana)	2 NNE;hwy E	740	25 S6	80 oct.Flares on req.E,SE blkd.
(P) Leckrone (Salem)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Derrick NW
✓ McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
→ Mattoon	4 E,RR N	720	23 S6	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
→ Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct. Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hooperston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S6	80 oct.
→ Smith Aviation (St.Elmo)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct.Bcn twr NE.poles N.
Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois → (Champaign)	5.5 SSW,RR E	752	53h S6	80,91 oct.Flares on req.
→ Vandalia	4.4 NW	532	39h L3 S6	80 oct.
→ Vermilion (Danville)	4 E;RR N,SW	650	21 S4	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Mount Vernon	2.5 ENE,RR S	465	37 L S6	80,91oct.Data unver.Temp port lgts.
Taylorville	1 SW		26 S6	80 oct. Data unverified
Hillsboro	1 NE	630	25 S4	Data unverified
Schilt (Olney)	1.5 E;RR S		30 S1	80 oct. Data unverified
Nashville	1 E;lake W		20 S1	80 oct. Data unverified
Casey	1 NW	645	26 S4	80,91 oct. Data unverified
Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
EVANSVILLE	5 NE; bet RRs	383	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE; RR N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
→ Jordan (Bloomingdale)	See Port O'The Woods Arpk under "New Arpts" - name changed.			
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
Paul S. Cox (Terre Haute)	3.2 S,riv W	485	27 S4	80, 91 oct. Stacks NE.
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

→ Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. No sto. Use strips only.
→ Owensboro	2.5 ENE;RR NW	484	29 S6	80 oct.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.

ILLINOIS

Midway Aviation(Horace,Ill.)	1 E,RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.
Port O' The Woods Arpk ✓ (Bloomingdale,Ind.)	4.2 N;hwy W		33 S2	80 oct.Use NE/SW strip.Data unver.

RADIO — INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. - - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-VDT	(3) 116.1
Indianapolis Airport	278 (126.18,	AC (ILS); 82°, 3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LFY)(116.1)	BMRL-VDT :50°, 2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)
KENTUCKY			
BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°, 1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°, 3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 190°, 18	Louisville
SULPHUR FM	(. - - - -)	FM; 227°, 70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°, 24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5, 126.18
OHIO			
CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr. Cincin. Arpt
DAYTON	245(DY)(116.1)	SBMLZ-VDT	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC(ILS);90°, 3.2	(4); 122.5,126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°, 9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
LUNKEN(Cincinnati)	227 (118.7, 126.18)	AC 227°, 5.2	(4);118.7,122.5, 126.18
PATTERSON (Fairfield) (Army)	379 (DPK) (116.1)	SBMRAZ-VDT	(4); 116.1
Patterson Field	396 (126.18)+	CA(ILS)(GCA):32°, 2.96	(4); 126.18
VERONA FM	(- - - -)	FM, 270°, 9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRTR. CINCINNATI	109.9	333.8	360° Mag.	IM-	MM- ·-·· (0.6)	OM- -- (4.3)
					MMK-206 ···· (0.6)	OMK 215 ···· (4.3)
DAYTON	110.3 (W)	335	55° Mag.	IM- ·····(0.05)	MM-	OM- -- (4.4)
					MMK-	OMK-
INDIANAPOLIS (L6)	109.9	333.8	44° Mag.	IM- ·····(0.05)	MM- (0.89)	OM- -- (4.3)
					MMK-201 --- (0.89)	OMK-219 ·· (4.3)
PATTERSON (A)	108.7 (W)	333.8	210° Mag.	IM- (0.09)	MM- ····· (1.5)	OM- -- (4.5)
					MMK-	OMK-

F-Simul. Range and Voice; W-Simul Voice; 2-VHF Range Station Location Marker; (3): 3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs Provisional Stations in Frequency Column Indicate VHF Voice. + —Army ACS. Transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct. Port rnwy lgts.
Anderson	3.5 SE;RR NE	875	27 S6	80 oct. P-line rees E.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct. Info. unverified.
(A) Atterbury AAF(Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT, NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct. Poleline W. Info. unverified.
(P) Bedford	3.5 SE	682	19 S6	80 oct.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct.
(P) Bloomington	5 WSW;RR SE	840	40 L S2	73,80 oct. Port. rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct. Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120' tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct. Data unverif.
Brownsburg	1.5 SSE;RR N	650	26 S2	80 oct. Poleline S
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
Bush (Jeffersonville)	3 NE		20 S2	80 oct. Inf. unverified.
Bush (Ramsey)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
Columbus	4.5 SSW	616	45h S4	80 oct. No sto. Stacks NW
Coxey's (Winchester)	1 ESE	1088	16 S6	80 oct. P-line S,SW
Crawfordsville	4.5 SSW;hwys E, W	850	38 S4	80 oct.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
Elwood	1.8 SSE;hwy NE	850	23 S4	80 oct. Data unverif.
Farmers (Greenfield)	9 NW		26 S2	73 oct. Info. unverif.
Fortville	2.8 E;rd N			ABANDONED
Franklin Fly. Field	4 S;riv S	745	22 S2	80 oct. Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct. Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RRS	910	30 S6	80 oct. Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	20 S6	80 oct. Poles SW.
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct. Pole line NE.
Howell Bros(Rushville)	2 SE;hwy SW	985	21 S4	81 oct.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg 19,LS-LV	3 S;RR E	500	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3 L6 S6	73-100 oct. Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct. P-line N Lgts prior
Lapel	1 NE		13	Rough. Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	925	13 S2	80 oct. Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood (Frankfort)	2.5 S;RR W	764	20 S6	80 oct. Ditch W.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct. Data unver.
Madison Commercial	2.2 N;RR W	960	24 S2	80 oct. Poles E.
(A) Madison AAF (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct. No sto. Info. unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy S	832	24 L S4	73 oct. Poles E; hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct. Info. unver.
Mettel (Connersville)	2.4 NNE;RR E	950	29 S1	80 oct.
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct. Info. unver.
(P) Muncie	3.5 N;RR SW	950	31h L4 S6	80,91 oct. Lgts prior req. Rnwy info. unver.
New Castle	3.2 E; RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW;lks SE	1080	26 L S1	73 oct. Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct. Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct. Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct. Silo N;stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct. Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct. Pole E; trees N.
(P) St. Anne #2 (N.Vernon)	3 NNE	750	45h	
Scottsburg	2 W		18	Info unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct. Info. unver.
Shelbyville	3.1 S;hwy E			ABANDONED
Silent Brook (Orleans)	5 W;riv SW	650	20 S4	80 oct. Hi-line W,SW
(P) Sky Harbor (Indianap's)	7 ENE;hwy S	730	26 L S6	80 oct. Pole line E,S,SW.
(P) Sky Haven (Bedford)	2 SSW;riv S	650	36h S4	80,91 oct. Poleline E,S. Rnwy data unverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct. Obsts N end NE-SW stp. Info. unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW;RR N	915	26 S4	73,80 oct. No sto. Pwr line S
Vevay	1 E	450	20 S2	73 oct. Tree NE corner Info. unver.
West Side (Marion)	2.5 NW;hwy S	835	26 S1	73 oct. Pole line E.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel. No sto. Info. unver.
Yorktown	1 S		22 S1	80 oct. Obsts E. Info. unver.
KENTUCKY				
Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S6	80,91 oct. Fld lgts on req.
BOWMAN (Louisville)	5.5 ESE	546	44h R2 L5 S6	73,91,100 oct. No flood lgts.
Cool Meadow (Lexington)	4.8 NE;rd W	910	28 S6	80,91 oct.
* Glendale Int,75B,	0.5 NE;RR W	702	25 L3	(DL-LV)
(A) Godman (Ft. Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct. No sto.
Goodall (Danville)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blocked.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h R3 L6 S6	80,91 oct. Ctc lgts prior req.
Paris	1.2 NNE	635	20 L S1	80 oct. Flood lgts NE,SW,
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct. Info. unver. NW blkd.
Silver Lake (Frankfort)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N
Standiford (Louisville)	4.3 SSE;hwy E	480	50h	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	
[redacted]				
Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct. No sto. Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct. Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	
Country Club (Johnsv'l)	2.9 N;RR NE			ABANDONED
Dahlo (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct. Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE;RR SW	580	18	Pole line S.
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W; trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct ARMY TMP
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct INACTIVE-CIVIL P-lines N,NW FACS.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct. Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct. Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct. Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct. Poles S,SE,SW.
Polk Grove (Vandalia)	3.6 W;riv W			ABANDONED
Sidney	1 W;RR S		25 S2	80 oct. Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct. Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct.
(A) Wright (Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct. JP-1 CLOSED.
Lansdowne (Greenv'l) (Ohio)	2 ESE;RR N		19	Bldgs, hi-line N. Inf. unver.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct. Inf. unver.
Stair (Mulberry) Ind.	0.13 NE, hwy S	650	16 S4	80 oct No sto. Pole line S Data unver
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890	18 S6	80 oct. No sto. Poles W,
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy Data unverified.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unveri
Lebanon, (Ky)	3 NW		24 S4	No sto. Data unver.
Lakewood Arpk. (Cincinnati) Ohio	9.5 NNW	870	20h S6	80,91 oct. P-line E

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC-(not charted). → NEW OR REVISED DATA.

70 INDIANAPOLIS

R: EXTREMELY HAZARDOUS D: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 10 STATUTE MILES.

NAS BUNKER HILL
CHICAGO
CINCINNATI
OCKLEY
KOKOMO MUN
LAFAYETTE
227 (116.1)
LAFAYETTE
ARETZ
REIMER
HALSMER
STAIR
LOCKWOOD
BLACK HAWK
PURDUE U.
MOORE
LEBANON
BECK
CRAWFORDSVILLE
NIMES
ADVANCE
24
LIZTON
BROWNSBURG
INDIANAPOLIS
278 (126.18)
MECCO
SHANK'S
HOOSIER
GREENCASTLE
27
LOY
STOUT AAF
396 RC
CLAYTON
11
GREENCASTLE
OWEN
WHITE CLOUD
BARGERSVILLE
INDIANAPOLIS
266
(116.1)
MARTINSVILLE
MORGANTOWN
22
VETERANS
CAMPUS
BLOOMINGTON
SKY HAVEN
BEDFORD
STILES
SILENT BROOK AIRPK
BOSS-DENIEN
HUNTINGBURG
EVANSVILLE
233
RED 11
IND.
KY.
GODMAN AAF
272 (126.18)
GODMAN AAF
227
KY 1 D.A.
GLENDALE
BOWMAN
278 (118.3, 126.18)
BUSH
RIVERSIDE
STANDIFORD
SHELBYVILLE
FRANKLIN
ATTERBURY AAF
COLUMBUS
MAPLETON
ST. ANNE NO. 2
FREEMAN AAF
SCOTTSBURG
MADISON AAF
MADISON
CHARLESTOWN
LOUISVILLE
359
SULPHUR
70
MILROY
TEMPLETON
ELWOOD
DELAWARE
MUNCIE
REESE
YORKTOWN
GANDC
HUFFMAN AIR SER.
LAPEL
NOBLESVILLE
ACE
ANDERSON
NEW CASTLE
FORTVILLE
BRIGHTWOOD
FARMERS
SKY HARBOR
GREENFIELD INC
GREENFIELD
31
WESTERN
RICHMOND COM.
WEST SIDE
MARION
RUZICKA
GRAND RAPIDS 35
STEED
BRINGHAM
COXEYS
TREATY CITY
LANSDOWNE
DAYTON
245
(116.1)
DAYTON
278 (118.9, 126.18)
VERONA
10
PORT KONETA
COLDWATER
LAKEVIEW
CLEVELAND
CINCINNATI
SIDNEY
PIQUA
WACO-TROY
TROY
PATTERSON AAF
396 (126.18)
PATTERSON AAF
379
(116.1)
WRIGHT AAF
260 (126.1)
E. RICHMOND
METTEL
HOWELL BROS.
RICHMOND MUN.
NEW WESTVILLE
COUNTRY CLUB
MIDWAY
DAHIO
SO. DAYTON
FAIRFIELD
MIAMI U.
HAMILTON
MIDDLETOWN
ATTAWAY
CINCI INC.
MT. HEALTHY
LAKEWOOD
CAMPBELL
CHEVIOT
LUNKEN
227 RC 118.7, 126.18 RC
LAWRENCEVILLE
GREATER CINCINNATI
221 RC 118.9, 126.18 RC
UNION
24
BETHEL
CINCINNATI
335
(116.1)
LOVELAND
PARKS WATSON
TO HUNTINGTON
COLUMBUS 71
TO SPRINGFIELD
TO TERRE HAUTE
TO TOLEDO
OHIO
IND.
RED 14
RED 18
RED 19
RED 27
AMBER 6
AMBER 20
GREEN 4
BLUE 44
90
100
262
117
77
48
60
57
87
103
109
105
95
89
82
263
339
180
172
360
352
216
368
269
326
224
296
200
16
47
51
25
31
10
11
22
18
35
14
24
70
NASHVILLE 106 | KNOXVILLE 107
CINCINNATI
ATLANTA
OVER

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

COLUMBUS 71

DETROIT 38
TO PORT. WAYNE
CEDAR LAWN
MARION
+VOSS
CLEVELAND CINCINNATI
MT. LIBERTY
TYNKOOP
AGRICOLA
NEW PHILADELPHIA
CLEVELAND PITTSBURGH
COLUMBUS 391 (116.1)
OHIO STATE U
GRIMES
SPRINGFIELD
93
NEWARK
COMMERCE
BRIGGS
CAMBRIDGE
ZANESVILLE 263 (116.1) On request
RIVERSIDE
ZANESVILLE
CRABILL
SPRINGFIELD
CLICKENGER
GROVE CITY
SULLIVANT AVE.
PRICE
NORTON
SNOONK
NEWARK
PORT LANCASTER
LANCASTER
CROOKSVILLE
LOCKBOURNE AAB 317 (126.1R)
PORT COLUMBUS-NAS 278 (118.5, 126.1R)
WASHINGTON
TRI COUNTY
On request
CLINTON CO. AAF 201
CLINTON CO AAF 272 (116.1, 126.1R, 137.8R, 140.5R)
CHILLICOTHE SKYPARK
JONES
REED'S
MARIETTA
WOOD CO.
OHIO U.
STEWART
CHERRY FORK
SHUMATE
KNORE
RAVEN ROCK
OHIO W. VA.
RAVENSWOOD
MAYSVILLE
OHIO KY.
ABKEN
ASHLAND
HUNTINGTON
CLARK
ROANE CO. 281
CHARLESTON 400 (116.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
W. VA KY.
MORRIS
SCOTT
CINCINNATI ATLANTA
PAYNESVILLE 356
PRINCETON
KNOXVILLE 107 | CHARLOTTE 110
INDIANAPOLIS 70
PITTSBURGH 74

COLUMBUS

OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-VDT,86°, 1.9	(3); 116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°, 25	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

[redacted]

CHARLESTON	400 (KN)(116.1)	SBMRAZ-VDT	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-VDT,75°, 2.3	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOCKBOURNE AAB (A)	109.9 (W)		3°Mag.	IM- (0.16)	MM- ····· (0.85)	OM- -- (4.29)
					MMK-	OMK-
CLINTON CO. AAF (A)	109.5 (W)	332.6	320°Mag.	IM- (0.05)	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3165, 4495, 6210 kcs; (4)-3165, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.F.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R2 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	980	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E, RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
(P) Huntington(Chesapeake)	2 WSW, riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker)	0.8 N;RR W	800	28 S1	80,91 oct. Hwy W.
Snook(Reynoldsburg)	1.4 NE;RR N	980	21 S6	80 oct.Pole line E;trees SW.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
Logan	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 18) (NC)-Not charted. ⟶ NEW OR REVISED DATA

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18 (118.7)	AC	(4);140.1,122.5,126.18
ALTOONA (Blair Co.)	338(RP) (116.1)	SBMRAZ-VDT:203° 1.3	(4);116.1
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH (Pittsburgh)	396(126.18)+	CA	(3);126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,124°, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 85°, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-VDT ;85°, 2.2	(3);116.1
SUMMERHILL FM	(- - - -)	FM, 281° 22	Altoona
CECIL	219(C)	FMX,265°,10.3	Pittsburgh

VIRGINIA

FRONT ROYAL	362(FZ)(116.1)	SBMRAZ-VDT	(4):116.1
GORDONSVILLE (Int)	388(GJ)(116.1)	SBMRAZ-VDT;135°2.5	(4);116.1
LYNCHBURG (Preston Glenn)	206(LB)(116.1) 248	SBRAZ-VDT C; 165°, 2.1	(4);116.1 (4)

WEST VIRGINIA

ELKINS	281(EK)(116.1)	SBMRAZ-VDT:174°2.5	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRLZ-VDT;35°,2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRLZ-VDT;173°,5.6	(4):116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
ALLEGHENY CO.			95° Mag.		MWK 201---(0.80)	(MK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct.Mtns E.

OHIO

Scott (Tiltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	

PENNSYLVANIA

ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6		80-100 oct.No ctc lgts.Rdo req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4		80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4		73 oct.
# Buckstown Int,12B,WA-CV	1 E;hwy S				ABANDONED
(P) Connellsville	4 SSW;hwy E	1250	34h S2		80,91 oct.
Cresson	1 NE;RR W	2240	25 S2		80 oct.Pole line S.
(A) Greater Pittsburgh (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4		100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6		80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6		80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17		Poles NW.
Huntingdon	1 S;riv NE	620	20 S4		80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h		
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4		87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4		80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6		73 oct.Pole line N.NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4		80 oct. Pole line S.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 11) (NC)-Not chartec.

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W.Unverified.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line N.Rnwy data
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charleroi)	2 S;RR W;riv E	765	24 S1	80 oct.Bldg S.Data unver.
Blair Co.,24h,CO-FG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* " Int,51,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1200	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
(P) University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
Orange County (Orange)	4 E;hwy S		26 S2	80 oct. Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

Baker Airpark(Burlington	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAP (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
(P) Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int,29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int, 21, CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E	1144	16h S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	90 oct. Pole line NW.
Herron(New Cumberland, W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.
Emmews (Penna)	0.5 NW		20 S4	80 oct. Data unver.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "A" QUADRANTS.

BUFFALO 39

GREATER PITT. AAF 396(126.1R)

PITTSBURGH 254 (116.1)

ALLEGHENY CO. 278(118.7, 126.1R)

CECIL 219

ALTOONA 338 (116.1)

MORGANTOWN 269 (116.1)

ELKINS 281 (116.1)

MARTINSBURG 209 (116.1)

FRONT ROYAL 362 (116.1)

GORDONSVILLE 388 (116.1)

LYNCHBURG 206 (116.1)

CHARLESTON 400

CHARLOTTE 110

NORFOLK 111

PRESTON GLENN 248 ML

HERRON, TORONTO, HOOKSTOWN, AKRON, CLEVELAND, L. LIVERPOOL, TO MERCER, ALLEGHENY VALLEY, LEECHBURG, VANDERGRIFT, HAMILTON, STULTZ, NORTH ALTOONA, HUNTINGDON, MT. UNION, GREATER PITT. AAF, WEIRTON, MAYER, WELLSBURG, NEW ALEXANDRIA, PITT-WILKINS, HARRISON CITY, PITT.-BETTIS, KEYSTONE, CRESSON, SUMMERHILL, ALTOONA, LATROBE, JOHNSTOWN, SALIX, BLAIR CO., PITT.-GREENSBURG, STAR VALLEY, MT. PLEASANT, BUCKSTOWN, SOMERSET, CECIL, COLUMBUS, WHEELING-OHIO CO., GLENDALE, GREEN CO., CONNELLSVILLE, OHIO W. VA., MORGANTOWN, FORMAN, PA MD., FLINTSTONE, CUMBERLAND, MEXICO FARMS, PITTSBURGH WASHINGTON, PITTSBURGH CINCINNATI, BENEDUM, ELK GARDEN, BAKER, ROMNEY, MD W. VA., RIDGEWAY, WINCHESTER, LOUIS BENNETT, LEWIS, PETERSBURG, MOOREFIELD, ELKINS, SUTTON, STOKES, SHENANDOAH, HARTMAN, CINCINNATI WASHINGTON, MARLINTON, W. VA VA, STAUNTON, VALLEY, AUGUSTA, UNIV OF VIRGINIA, GORDONSVILLE, CINCINNATI ATLANTA, INGALLS, COVINGTON, COVINGTON-CLIFTON FORGE, GREENBRIER AAF, RONCEVERTE, LEXINGTON, HINTON, JAMES RIVER, BUFORD'S, TIMBERLAKE, NARROWS

TO CHARLESTON, TO HERNDON, TO REMINGTON, TO DONCASTER, TO CHARLESTON, WASHINGTON 75, COLUMBUS 71

WASHINGTON 75

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

SYRACUSE 42
SCHUYLKILL
ALLENTOWN-BETHLEHEM
FOGELSVILLE
ESTLER
KUTZTOWN
SWATARA VALLEY
WOMELSDORF
BERKS
CONVAIR
EMMAUS
BETHLEHEM-EASTON
ALEXANDRIA
PENN-HARRIS
LEBANON CO.
HERSHEY
MILLARD
REIGEL
MIDDLETOWN
LAYFIELD
MADEIRA
NEW HANOVER
READING
SMILIN' JACK
POTTSTOWN
LANCASTER MUN.
LEWISTOWN
CARGILL
HARRISBURG 242 (116.1)
MT. UNION
CARLISLE
TAYLOR
GREEN 4
HARRISBURG STATE 278
OLMSTED AAF 396 (126.1R)
LANCASTER
MAIN LINE
W. CHESTER
COATESVILLE
LANCASTER
NEW CASTLE CO. 219m 118.5
DUPONT
PHILADELPHIA 266 (ATIS)
WOODSTOWN
SUNSET AWYS
CHAMBERSBURG
GETTYSBURG
DOERSOM
YORK
SEVEN VALLEYS
N.Y. WASH.
DEVENER
NEW FREEDOM
WAYNESBORO
PA.
MD.
HAGERSTOWN
TANEYTOWN
C.A.P. BASE NO 332
NORTH END
MARTINSBURG
STEVENS
FREDERICK CITY
MARTINSBURG 209
LEESBURG
LISBON
N. BALTIMORE
PIMLICO
RUTHERFORD
ALDINO
ABERDEEN
NEW CASTLE 350
PHILLIPS AAF 201m 126.1R
BELLANCA
BUCKS
GREENWICH
MD 1 DA
EDGEWOOD ARSENAL AAF
MARTIN 317
KENT
BALTIMORE 278 118.9
BALTIMORE 257 (116.1)
FAYBROOK
MILLVILLE 365 116.1
DOVER
DOVER AAF
DOVER AIR PARK
HARRINGTON
BELTSVILLE
HERNDON 22
BLUE RIDGE
FRONT ROYAL 362
ARCOLA 233
GLENBURNIE
WHIPP
ANNAPOLIS
NAF. ANNAPOLIS 287.0 142.7A
EASTON
WEBB
LEE ANNAPOLIS
MANASSAS
WASHINGTON 332 (116.1)
ANDREWS AAF 379
NAS. PATUXENT RIVER 420
BRIDGEVILLE
GEORGETOWN
REHOBOTH
HOLLY BROOK
LAUREL
SUSSEX
ZIEGER
BENNINGTON
DONCASTER
MCAS. QUANTICO 203
GORDONSVILLE 368
SHANNON
NAF. DAHLGREN 388 142.7A
NAS. PATUXENT RIVER 347 142.7A
DELMARVA
SALISBURY
NAAS. CHINCOTEAGUE 227
WEBSTER
MILFORD
PINEY POINT
TAPPAHANNOCK
NORTHFIELD
HERMITAGE
CENTRAL
RICHMOND AAB 286 118.7, 126.1R
RICHMOND 260 (116.1)
MIDWAY
WEST POINT
LIVELY
CURRELL'S
CHESAPEAKE BAY
PARSLEY
JOHNSON
HELFAT
KELLAM
NORFOLK 111
NAAS, CHINCOTEAGUE 328 m 142.7A m
NAS. PATUXENT RIVER SEVEN APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
FOR DETAILS IN THIS AREA SEE CHART 78

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
[redacted]O		**[redacted]AWARE**	
DOVER AAF	396 (126.18)	CA	(3);126.18 (7-19)
DUPONT ARPT. (Wilmington)	388	CI	3105,3117.5,5582.5 (8-20 daily except Sunday)
→NEW CASTLE	350 (NC)	MRLZ	
New Castle Co. (Wilmington)	219 (118.5)	CI; 190°,2.8	(4);118.5
DIST. OF COLUMBIA			
WASHINGTON	332(WA)(116.1)	SBRAZ-VDTX	(3); 116.1
MARYLAND			
ANDREWS FIELD (Camp Springs)	379 (DCM)	MLZ; 10°,1.2	
ANNAPOLIS	2870(142.74)	CN	3105,2870,6420;142.74(7-17)
BALTIMORE	257(BO)(116.1)	BMRLZ-DTV	(3);116.1
Baltimore Mun.	278(118.9)	C; 12°,2.4	(4);118.9,122.5
BELTSVILLE FM	(- -)	FM;41°,17.6	Washington, D.C.
DONCASTER FM	(. . . - - -)	FM;209°,24.7	Washington, D.C.
MARTIN(Baltimore)	317	C1	(4)(8-sunset,Mon-Fri.)
MEEKINS NECK FM (Navy)	(-)	FM; 570, 16	Patuxent River
PATUXENT RIVER (Navy)	420 (NHK)	MRLZ-D	(3); 142.74
Patuxent Riv.NAS	347 (142.74)	CN(GCA);57.4.4	(3); 142.74
PHILLIPS FIELD (Aberdeen)	201 (126.18)	CA	(3);126.18 (8-18 Mon.-Fri.8-1630Sat.Sun).
WEBSTER (Priest Point)	3345 (142.74)	CN	3105; 142.74 (24 hrs. adv. notice)
PENNSYLVANIA			
BOOTHWYN FM	(- - -)	FM, 260°,9.5	Philadelphia
CARLISLE FM	(- - - -)	FM, 284°,18	Harrisburg
HARRISBURG	242(HX)(116.1)	SBRAZ-VDT	(3);116.1
Harrisburg State Airport	278	C; 118°, 1.1	(4); 116.1,122.5
MIDDLETOWN FM	(- -)	FM, 118°, 9	Harrisburg
OLMSTED FIELD (Middletown)	396 (126.18) +	CA	(4); 126.18
PHILADELPHIA (Southwest Arpt)	266(PG)(116.1)	SBMRAZ-VDT, 97°, 3	(4); 116.1
[redacted]EVEN VALLEYS [redacted]FM	(- - -)	FM, 172°, 25	Harrisburg
VIRGINIA			
ALEXANDRIA LFM	(- - -)	LFM,209°,2.4	Washington, D.C.
CHESTER FM	(- -)	FM, 218°,9.15	Richmond
CHINCOTEAGUE (Navy)	227(NKZ)	MRLZ	3105,4495;142.74
Chincoteague NAAS	3295 (142.74)	CN; 98°, 4.5	(3); 142.74
DAHLGREN NAF PROV. GROUNDS	368 (142.74)	CN	(3); 142.74 (8-16 except Sunday)
DAWN FM	(- - - -)	FM, 3°, 25.1	Richmond
HERNDON FM	(- - - -)	FM, 317°, 21.8	Washington, D.C.
MT. VERNON FM	(. . - - -)	FM, 209°,8.2	Washington, D.C.
MT. VERNON	269(W)	FMK:209°,8.2	Washington, D.C.
QUANTICO MCAS (Navy)	203 (NYG)	MRLZ:20°,4.6	3105,4495
RICHMOND	260(RW)(116.1)	SBRAZ-VDT	(3); 116.1
Richmond AAB	396 (126.18) (118.7)	AC(ILS):20°,1.9	(4);122.5,118.7,126.18
NEW RADIO FACILITIES			
MILLVILLE, N. J.	365 (NV) (116.1)	SBRA-DTV;144°,(4) 4.3	115.1
ANDREWS FLD. (CAMP SPGS),MD.	379(DCM)	MLZ; 10°,1.2	
ARCOLA, Va.	233(EC)	SMRAWZ	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)						
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATOR)		
RICHMOND AAB	109.9 (W)		63° Mag.	IM- (0.17)	MM- ***** (0.90)	OM- -- (4.50)
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +— Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 14) NC (not charted). —→ New or revised data.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
DELAWARE				
Bellanca (New Castle)	1.5 W	20	25h L1 S5	80,91 oct. Poles N.
Biggs (New Castle)	1 NW,riv SE	60	21 S2	80 oct. Riv, S
Bridgeville	1.5 S	20	27 S6	80 oct. Data unver.
Dover	1.4 ENE	34	19 S2	80 oct. Poleline N.
Dover Airpark	2.2 N,rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE,hwy E	28	70h R1	TMP INACT NO FACS.
DuPont(Seaford)(NC)	0.8 WSW,RR NE	25	21	Poles NE. PRIVATE. RESTRICTED.
DuPont (Wilmington)	3 WNW,RR E	185	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 E,RR NW	51	50h	
(P) New Castle County (Wilmington)	4.8 SW,hwy SE	75	70h R2 L5 S1	80, 91 oct.
Rehoboth Beach Aircrafters	2.5 W,hwy N	10	35 L S6	80,91 oct. Obsts sur fld. Port rnwy lgts. req.
→Sussex (Fra[illegible]ford)	1.5 N;hwy W	30	20 S4	80 oct. Port flares on
MARYLAND				
Aldino (Churchville)	2.2 NE,RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW,bay W	25	20	Trees N
Annapolis	2 SE		18h S4	80,91 oct. No sto. Data unver. Stacks N,SE
(P) BALTIMORE MUN.	6 SE,RR NE	14	46h R2 L5 S6	80,91 oct; 100 oct prior req. Rdo rqrd.
C.A.P. Base (Westminster)	2.6 N,hwy E	780	20 S4	80 oct. Poleline E,NE.
Delmarvia(Salisbury)	2.8 NE,hwy W	45	21 S6	80 oct. Poleline N,E,NE
(P) Easton	2.2 N, RR E	66	40h L S4	80 oct. No sto Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct. No ben. CL,SD
Faybrook(Rock Hall)	1.5 NNW,bay W	20	14 S4	80 oct. Trees WNW, NNE
Glenburnie-Whipp	1 E,hwy W	56	26 S6	80 oct Seaplane Anchor.
Hagerstown	4.2 N,RR W	700	39h L3 S4	80 oct. Fld lgts prior req
Hickman(Ocean City)	7.5 NW, riv S	15	28 S4	80,91 oct. Data unver.
Lee Annapolis(Annapolis)	4.8 WSW, hwy E	30	28 S1	73 oct. Pole line ESE
Martin(Baltimore)	10 E,RR N	18	70h R1	PRIVATE.
(N) Patuxent River NAS(N)	2.9 NE Jarboes	38	97h R2 L6 S4	91,100 oct. JP-1. NATS.
(A) Phillips(Aberdeen)(A)	3.2 S,RR W	57	50h R1 L5 S1	100 oct. CLOSED.
Pimlico (Baltimore)	6 NW,hwy SW	449	32 S6	80,91 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct. Use rnwys only.
Rutherford(Baltimore)	7 W,RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h	
Shady Side (NC)	1.8 SSW	10	15	Poleline SSW,RR W
Stevens (Frederick)	5.8 N,hwy E	440	28 S6	80 oct. Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct. Poleline S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct. No sto. Poleline
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct. S,SE. JP-1 on req.
NEW JERSEY				
Alexandria (Pittstown)	2 WNW,lk NE	340	18 S4	80 oct No sto. Trees E,N.
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct. P-line S,W.
Greenwich	2.5 W,riv SW	30	21 S6	73,80 oct. Trees N.
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct. Poleline S,E.
(P) Millville	3.3 SW,lk N	68	50h R1 L5 S6	80,91 oct. Fld lgts on req.
Penns Grove	3 SE,riv W	10	22 S2	73 oct. Poleline W,SSW.
Salem	2 ESE,rd S	15	22	CLOSED
Woodstown (Auburn)	1.5 SSE,RR E	100	20 S1	80 oct. Poleline N,NE.
PENNSYLVANIA				
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE,RR NW	380	40h R1 L5 S6	80,91 oct. Use rnwys only. Fld lgts prior req.
Berks (Reading)	4.5 NW, hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton)	4.5 SW,riv S	360	23 S6	80,91 oct. No sto. Poleline sur fld.
Cargill (Granville)	1.5 SW,RR SE	490	23 S2	73 oct. Obsts sur fld.
Carlisle	1.8 WSW,RR N	480	23 S2	80 oct.
Centerville(Carlisle)	11.3 SW,RR N	660	23	Trees E, NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	22 S6	80 oct. E/W strip rough
Coatesville	1.6 W,RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE,hwy W	500	20 S6	73,80 oct.
Doersom(Gettysburg)	2.4 NW,RR N	590	19 S6	73 oct. Pwrline NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct. Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct. No sto. P-line SW

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
PENNSYLVANIA				
Gettysburg	2.8 NNW	600	24 S3	80 oct. No sto. RR SW
(N) HARRISBURG STATE	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct. NATS
Hershey	1.1 NNW,RR S	415	21 S2	80, 91 oct.
Kutztown	1.5 S,RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW	320	26 S6	73,80 oct. Pwrline W,RR
Lancaster,35,CO-PG	5.5 N,hwy W	385	27h L4 S4	80 oct. Poles S,WSW. SW
Layfield(New Hanover)	2 NE,hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co.(Myerstown)	1.8 W,hwy S	525	17 S5	80 oct.
Lewistown	4 SW,riv SE	560	19 S6	80 oct. Wooded hill NW.
Madeira (Reading)	3.2 N,RR W	360	20 L S6	80 oct. Port flood lgts.
(P) Mount Union	4 S,hwy E	560	30 S4	80 oct.
New Hanover	0.5 W,hwy SE	320	20 L S4	80 oct. Port flood lgts.
(A) Olmsted(Middletown) (A)	1 W,RR N	300	50h R1 L5 S6	62-100 oct. JP-1. Poles N, NE, Riv, S.
Penn-Harris(Harrisburg)	4 ESE,RR N	400	18 L S6	80,91 oct. Flood lgts.
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel. Pole line ESE.
Pottstown	4.5 E,hwy N	311	30 S6	80 oct. Bldg NW. ARMY TMO
(A) READING	3 NW,riv E	342	52h L6 S6	B-2 lgts prior req INACT
Reigel(Campbelltown)	1 N,hwy N	475	20 S4	80 oct. CIVIL FACS.
Schuylkill(Pottsville)	8.3 ESE, lake SE	510	29 L S6	80 oct. Port rnwy lgts. Hills SW,E,NE.
Smilin' Jack (Douglassville)	1.3 NW,RR S	200	24 S4	80 oct.
Sunset Airways (Chambersburg)	3.5 NNE,rd E, S	650	25 S1	80 oct. Pole line E,NNW
Swatara Valley (Pine Grove)	4 WSW,RR N	480	21 S4	80 oct.
Taylor(New Kingston)	0.5 SE,hwy N	440	28 S6	80 oct. Pole line N.
Valley Arpk (York)	3 ENE,RR N	420	21 S6	80 oct. Poles SSE,NNW.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct.
Womelsdorf	3 NW,hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct. Floodlgts. Pole N
VIRGINIA				
Blue Ridge(Herndon)	4 WSW,hwy NE	280	30	Poleline E.
Central (Richmond)	2.5 ENE,RR W	172	45 S6	80 oct. Poles WNW,SE.
(N) Chincoteague NAAS(N)	4.5 WNW,hwy S	38	60h R2 L5 S4	100 oct.
(N) Dahlgren NAF Proving Grounds (N)	0.5 E	20	40h R1 L5 S2	100 oct. CLOSED.
Harcum (NC)	0.2 NW	85	40	Poles, Rnwy data unver.
Hermitage(Richmond)	3.2 NNW,RR W	200	20 S6	80 oct. Trees, poles E,W.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Kellam(Weirwood)	0.3 SW,RR E	15	20 S1	73 oct. Trees NE,SE.
Leesburg Airpark	0.7 ESE	280	26 S6	80 oct. Poleline NE.
* Lively Int,6,NW-WA	3.4 WSW,riv W	15	34 L3	35' trees, bldgs NW.
Manassas	2.7 NW,RR S	250	21	Pole line SW,SSE.
(P) Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct. 20-50' trees E.
* Milford Int,49B,AG-LG	1.5 S,RR W			ABANDONED
Northfield(Richmond)	3 N,hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
(A) RICHMOND AAB(A)	7.3 ESE,RR S	167	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE,riv E	50	23 S6	80 oct.
(A) Tappahannock Figt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED
(P) West Point	2.3 ESE	24	50h S4	80,91 oct. Riv SSW.
Zieger(Warrenton)	3.7 S,hwy NE	440	20 S2	80 oct. Hill W, NW.
WEST VIRGINIA				
(P) Martinsburg	4 S,hwy W	550	50h R1 L5 S6	80, 91,100 oct.
North End (Martinsburg)	2.5 NNE,RR W	515	28 S2	80 oct. Pole line N.
→Millard (Annville, Pa.	1.5 SW,	480	18h S5	80,91 oct.
Currell's (Weems, Va	1 N,jct of rivs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
→Harrington (Del.)	1.8 E; RR W	50	25 S2	80 oct.
Kent (Worton,Md)	1 N; RR S	60	23 S2	80 oct.
Johnson(Ononcock,Va)	1 ESE;RR E	34	22 S1	80 oct.
West Chester (Pa.)	2.5 NE;lake S	470	32 S4	80 oct.
Aberdeen Arpk(Md.)	1 SW		21 S4	80 oct. Data unver.
Frederick City (Frederick,Md)	1.8 E;riv N,E	305	49	
→Holly Brook (Laurel, Del.)	1.5 N;RR,hwy W	40	25 S1	80 oct.
← Laurel, (Del)	1.5 SW;hwy E	30	19 S2	80,91 oct. P-line SE.

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
→BOLLING Tower	212 (126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5)		AC (ILS).	(4); 118.5,126.18,131.9

MARYLAND

ANDREWS Army Range	379 (DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA (GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - - -)	209°,24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	203 (142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		CI	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	278		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON	269 (W)	209°,8.2	FMK	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WASHINGTON	109.9 ·-· (W)	333.8	260°Mag.	IM- ·····(0.03)	MM-	OM- --(3.60)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. JP-1.Ridge E.
(A,N) WASHINGTON NATIONAL →	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R2 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0800-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	38 S1	80 oct. Trees E, NE, SW.
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h S6	80, 91 oct. Trees WNW, NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30 S1	80, 91 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct.
Schrom (Greenbelt)	0.3 S.W; hwy W	177	27h S6	80 oct. Trees NW, SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 NE		24 S4	80 oct. No sto. Data unver.
Central (Camden)	1.8 E;riv S,W	20	25h	Open to private flying.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80 oct.Port.runway lgts on req.
Pitman	1.6 NNW;RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h	
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW;RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 oct. Rdo rqrd.
PHILADELPHIA SOUTHWEST	6.5 S.W;riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	511	21 S6	80 oct. Data unver.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

VIRGINIA

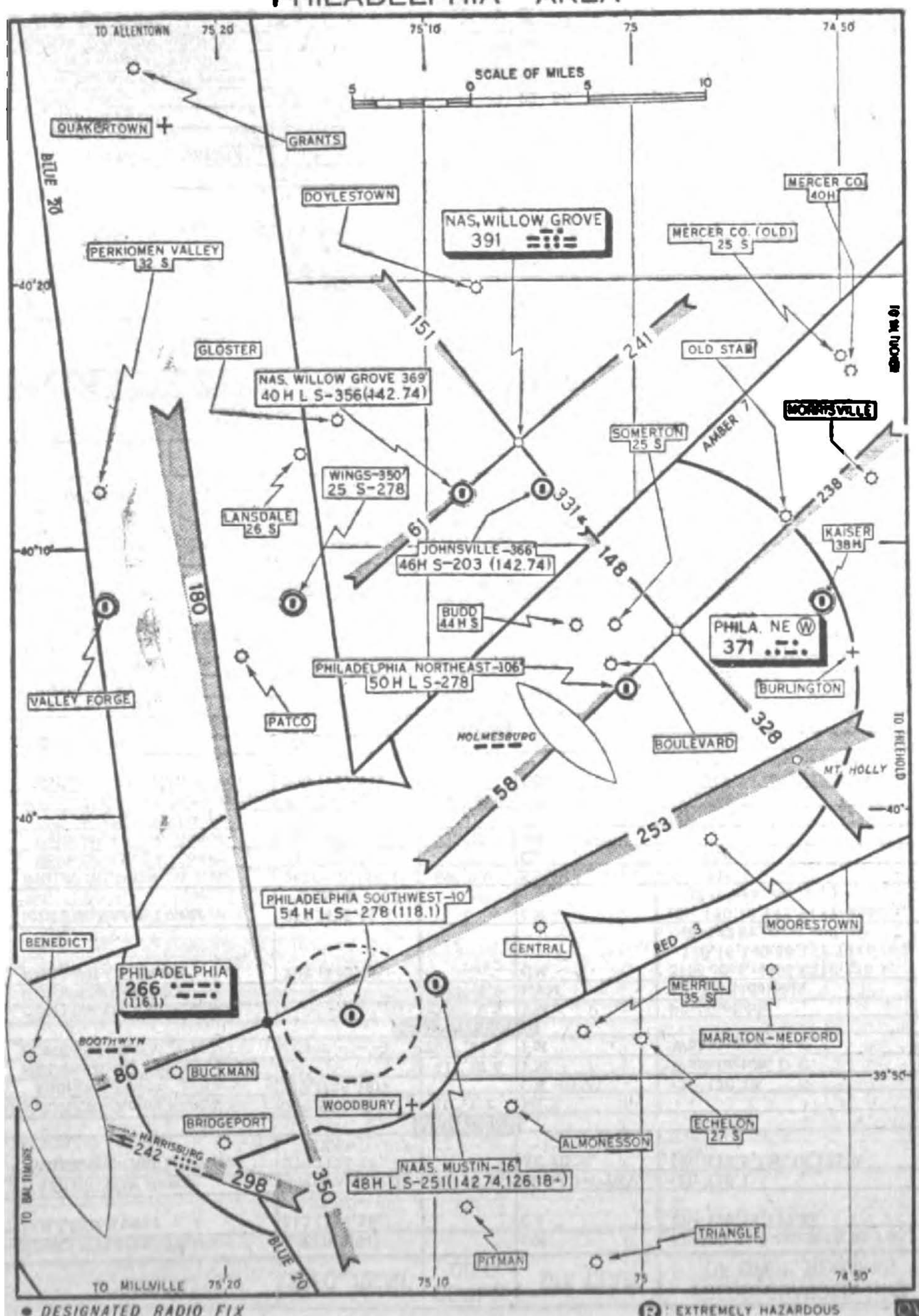
Beacon (Alexandria)	3 SSW;hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees,pole lines sur field.
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

NEW AIRPORTS

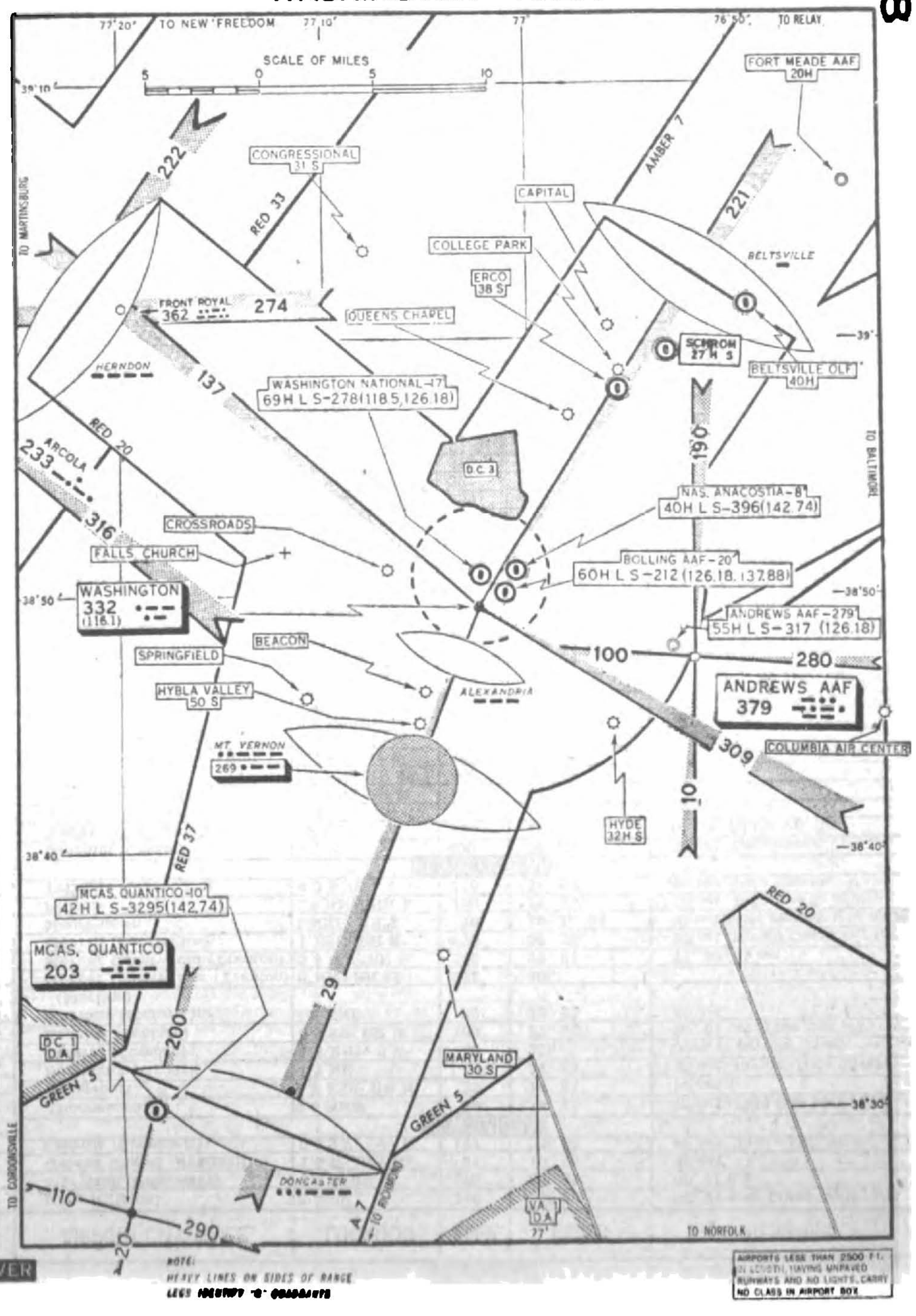
→ Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

(R) : EXTREMELY HAZARDOUS
(I) : USABLE WITH CAUTION

OVER

NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS INDICATE "B" CORRIDORS

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ : USABLE WITH CAUTION

SOUTHERN NEW JERSEY

NEW YORK 79

OVER

EXTENSIVE FLEET AIR OPERATIONS BY OFF-SHORE AREA TO APPROX. 100 MI SEAWARD. N. BOUND. U.S.-CANADIAN BORDER. S. BOUND. LAT. 35-00

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "A" QUADRANTS.

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

SCALE OF MILES
10 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
[redacted] FM	(-)	FM, 62°, 20	Lakehurst NAS.
[redacted] Y NAS	359 (142.74)	CN	(3); 142.74 (8-sunset)
[redacted] RIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
→ FREEHOLD FM	(- . - . -)	FM, 224°, 40	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS);58°, 1.0	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5
NEW YORK			
→ CLASON'S POINT LFM			DECOMMISSIONED
→ FLATBUSH	353 (F)	FMK, 222°,16.1	La Guardia
→ FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532	K	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
→ LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV222°,3.2	(4);116.1
→ La Guardia Field	362(126.18,118.1 118.7,116.1)	AC (ILS)	(4);126.18,118.1,122.5,118.7, 118.5,116.1,airline freqs
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3)
Mitchel Field	272(126.18)+	CA(ILS)(GCA);301°3.2	(3);126.18(approach control)
→ NEW YORK (La Guardia)			DECOMMISSIONED
→ NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
→ NEW ROCHELLE	275 (R)	FMK, 42°, 5.6	La Guardia
→ PORT CHESTER FM	(· -)	FM, 44°, 24	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett
PENNSYLVANIA			
PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ LA GUARDIA	109.9 Ⓦ	333.8	222°Mag.	IM- (0.05)	MM- ·····(0.81)	OM- --(4.5)
					MMK-233 --·(0.81)	OMK 317 ---(4.5)
→ MITCHEL(L6)(A)	110.3 Ⓦ	335	300°Mag.	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)
					MMK-257 --(0.87)	OMK-201 ---(4.14)
→ NEWARK (L6)	110.3 Ⓦ	335	58°Mag.	IM-	MM- ·····(0.61)	OM- --(4.64)
					MMK-	OMK-

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Aero-Marine Terminal (Keyport)	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE;RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req. Rnwy data unver.
Trenton (NC)	6 NE;RR 1 SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.
NEW YORK				
Bender's-Brentwood (Brentwood	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN CLEAR. STN.
Nassau (Hempstead)	4.5 E;hwy N	80	21	
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE bickd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
PENNSYLVANIA				
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
Nassau(Hempstead) (N.J.)	4.5 E;hwy N	80	21	
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page xx) NC-(not charted) → NEW OR REVISED DATA

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT,149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(- -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)116.1,	SBRAZ-VDTX,234°3.8	(3):116.1,122.1
LOS ANGELES	109.1(LA)(111.1)	BVAR; 88°,2.0	
MARCH FIELD (Riverside)	201 (126.18) +	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)	CN	(3); 126.18,142.74
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA, 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHVT	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT,216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105,142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°,2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT,139°, 2.3	(3). 116.1
San Diego NAS	266 (142.74)	CN	(3),126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMIRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3). 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mc), Compass Locators (in kc)

LOCATION	LOCALIZER	G.P.	SERVICE	MARKER IDENT & MILEAGE (FLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK	OMK-
				IM-	MM	OM-
					MMK-	OMK-

S Simul Range and Voice W Natural Voice 2 way Range Station Location Marker (3) 3105 4895 6210 kcs. (4) 3105 4895 6210 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice. A - Army ACS transmits on and guards 116.1 137.88 140.58 mcs

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct.Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct.No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct.No sto. Pole line SE
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

H-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page 18) (NC-not charted) → NEW OR RELISTED DATA

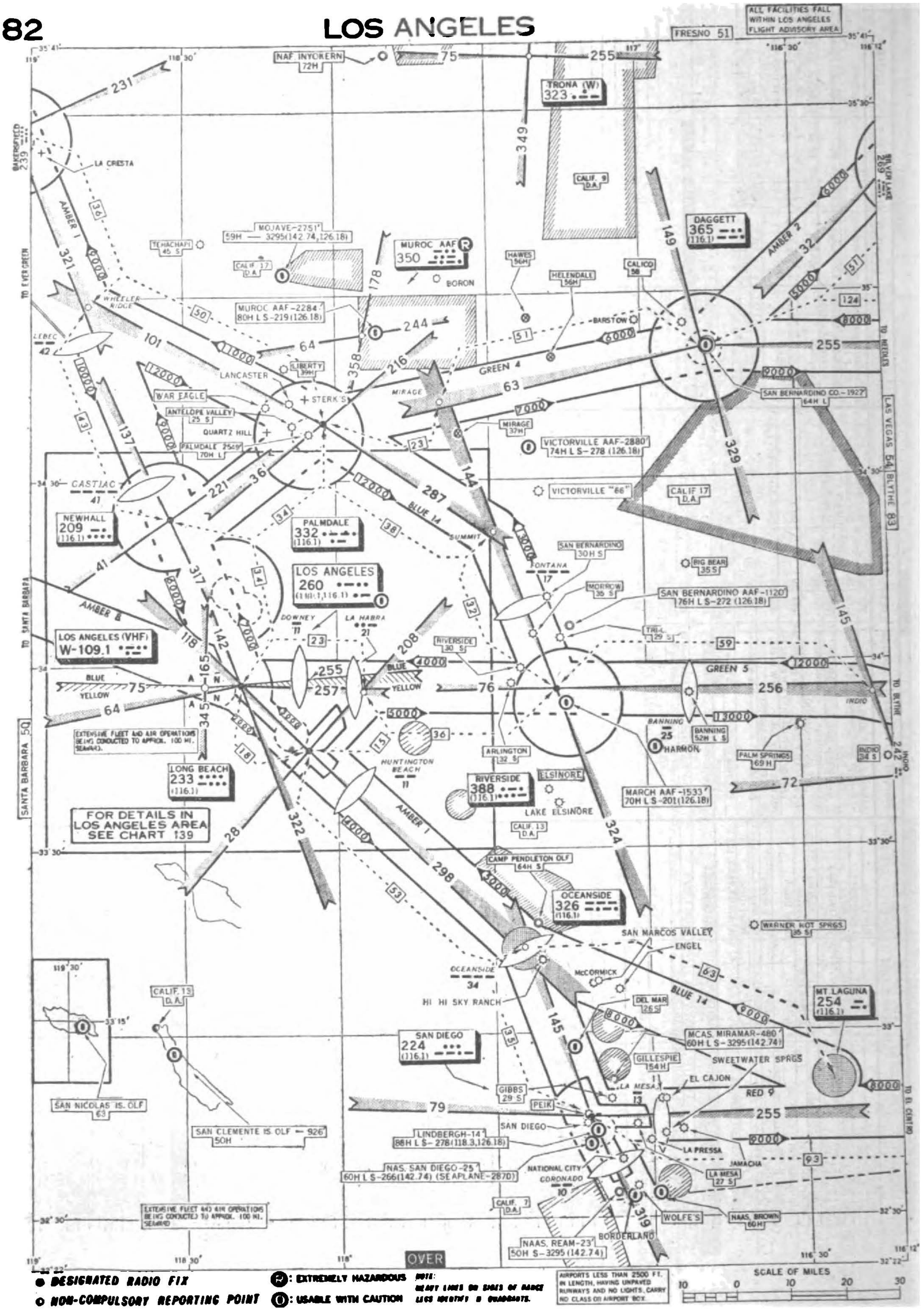
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NWend San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct.1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct.No sto.Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct.No sto.Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct.No sto.Poles NE,E
(N) Gillespie MCAAF (L)	1 SSW,rd E	385	54h	Towers W. (Santee).
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. [INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct.No sto.Trees NE, SW.
(A) Helendale(Victorville)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	12	34 S4	80 oct.No sto.Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct.Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct.No sto.Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	80,91 oct.Rdo rqrd
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT: CIVIL FACS
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct.Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct.No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h R1	INACTIVE
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct.Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct.JP-1. No sto.CLOSED.
National City	1.1 SSE,RR W	10	22 S4	80 oct.Poles,stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Pelk (San Diego)	4.8 WNW	20	28 S4	80 oct.No sto.Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct.Port rnwy lgts.Data unver.
Ramona	0.6 WNW,			ABANDONED
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
Ryan (Hemet)(NC)	2.5 WSW			ABANDONED
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct.Port rnwy,obst lgts prior req.Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W,RR,hwy S	530	19 S4	80 oct. No sto. Hill NE

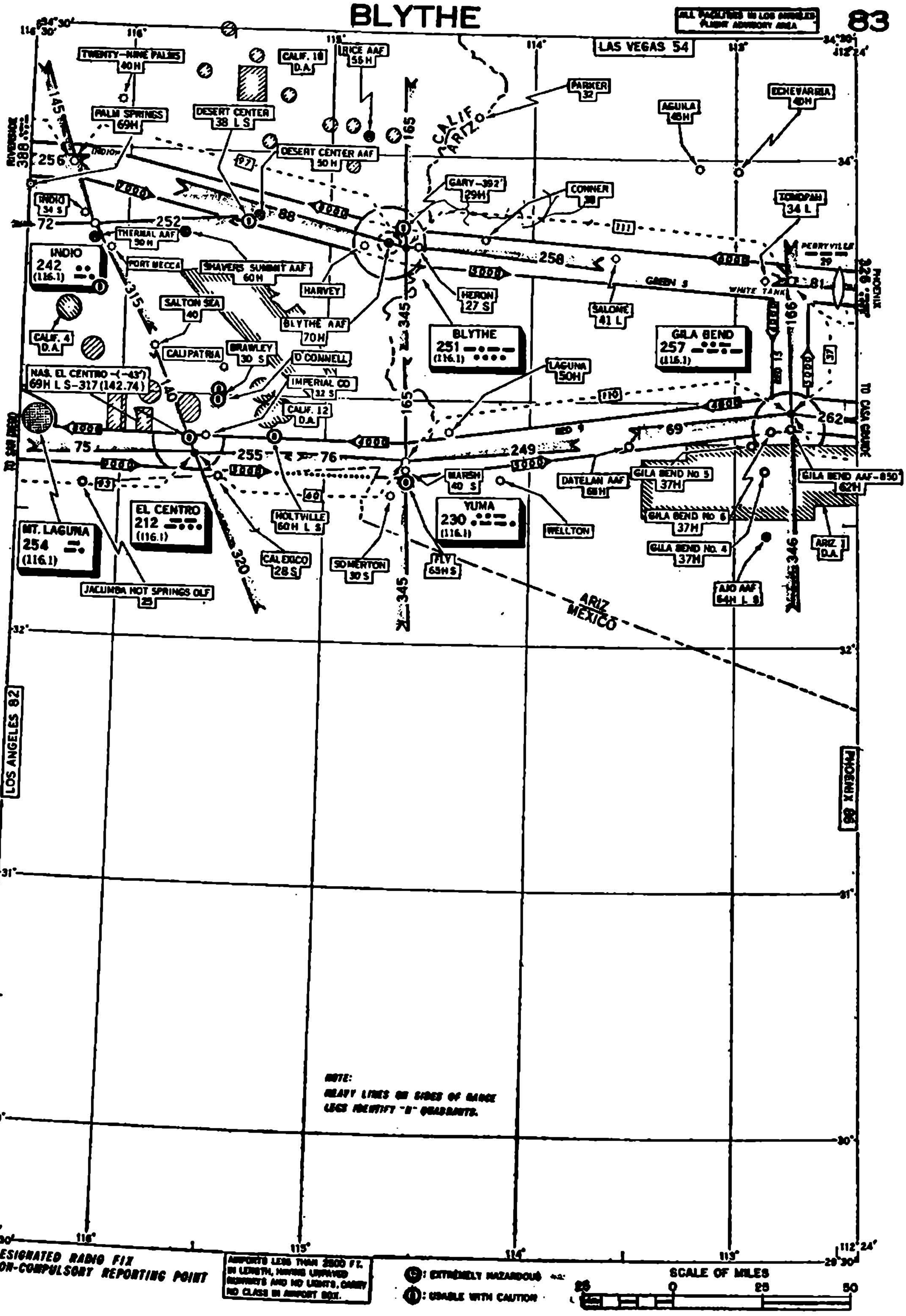
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.5 E	480	30h	

LOS ANGELES


ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA
FRESNO 51
NAF INYOKERN 72H
TRONA (W) 323
CALIF. 9 D.A.
DAGGETT 365 (116.1)
BAKERSFIELD 239
LA CRESTA
AMBER 1
AMBER 2
AMBER 6
MOJAVE-2751' 59H — 3295(142.74,126.18)
TEHACHAPI 45 S
CALIF. 17 D.A.
MUROC AAF 350
BORON
HAWES 56H
HELENDALE 56H
CALICO 58
WHEELER RIDGE
MUROC AAF-2284' 80H L S-219(126.18)
LEBEC 42
LANCASTER
LIBERTY 39H
STERK'S
BARSTOW
GREEN 4
WAR EAGLE
ANTELOPE VALLEY 25 S
QUARTZ HILL
PALMDALE 2529' 70H L
MIRAGE
MIRAGE 37H
SAN BERNARDINO CO.-1927' 64H L
VICTORVILLE AAF-2880' 74H L S-278 (126.18)
VICTORVILLE "66"
CALIF 17 D.A.
GASTIAC 41
NEWHALL 209 (116.1)
PALMDALE 332 (116.1)
BLUE 14
SUMMIT
SAN BERNARDINO 30H S
FONTANA 17
BIG BEAR 35 S
MORROW 35 S
SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)
LOS ANGELES 260 (116.1)
DOWNEY 11
LA HABRA 21
RIVERSIDE 30 S
LOS ANGELES (VHF) W-109.1
TRI-C 29 S
GREEN 5
BLUE YELLOW
EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.
BANNING 25
BANNING 52H L S
HARMON
PALM SPRINGS 69 H
INDIO 24 S
ARLINGTON 32 S
HUNTINGTON BEACH 11
LONG BEACH 233 (116.1)
RIVERSIDE 388 (116.1)
ELSINORE
LAKE ELSINORE
MARCH AAF-1533' 70H L S-201(126.18)
FOR DETAILS IN LOS ANGELES AREA SEE CHART 139
CAMP PENDLETON OLF 64H S
OCEANSIDE 326 (116.1)
SAN MARCOS VALLEY
ENGEL
WARNER HOT SPRGS 35 S
OCEANSIDE 34
HI HI SKY RANCH
McCORMICK
DEL MAR 26 S
MT LAGUNA 254 (116.1)
SAN DIEGO 224 (116.1)
MCAS MIRAMAR-480' 60H L S-3295(142.74)
GILLESPIE 154H
SWEETWATER SPRGS
EL CAJON
GIBBS 29 S
PEIK
LA MESA 13
RED 9
SAN NICOLAS IS. OLF 63
SAN CLEMENTE IS. OLF — 926' 50H
LINDBERGH-14' 88H L S-278(118.3,126.18)
SAN DIEGO
LA PRESSA
JAMACHA
NAS. SAN DIEGO-25' 60H L S-266(142.74) (SEAPLANE-2870')
NATIONAL CITY
CORONADO 10
LA MESA 27 S
CALIF. 7 D.A.
WOLFE'S
NAAS. BROWN 60H
NAAS. REAM-23' 50H S-3295(142.74)
BORDERLAND
EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD
CALIF. 13 D.A.
TO EVERGREEN
TO SANTA BARBARA
TO NEEDLES
TO BLYTHE
TO EL CENTRO
LAS VEGAS 54
BLYTHE 83
INDIO
SANTA BARBARA 50
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE A BOUNDARY.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BDY.
SCALE OF MILES
10 0 10 20 30

BLYTHE


ALL AIRCRAFT IN LOS ANGELES FLIGHT ADVISORY AREA
LAS VEGAS 54
TWENTY-NINE PALMS 40H
CALIF. 18 D.A.
BRICE AAF 56H
PARKER 32
AGUILA 48H
ECHEVARRIA 40H
PALM SPRINGS 69H
DESERT CENTER 38 L S
DESERT CENTER AAF 50H
CALIF ARIZ
GARY-392' 29H
CONNER 38
TOMPAH 34 L
INDIO 34 S
THERMAL AAF 50H
INDIO 242 (116.1)
PORT BECCA
SHAVERS SUMMIT AAF 60H
HARVEY
PERRYVILLE 39
WHITE TANK
SALOME 41 L
HERON 27 S
SALTON SEA 40
BLYTHE AAF 70H
BLYTHE 251 (116.1)
GILA BEND 257 (116.1)
CALIF. 4 D.A.
CALIPATRIA
BRAWLEY 30 S
D'CONNELL
NAS. EL CENTRO -(-43') 69H L S-317 (142.74)
IMPERIAL CO 32 S
LAGUNA 50H
CALIF. 12 D.A.
MARSH 40 S
DATELAND AAF 68H
GILA BEND No. 5 37H
GILA BEND AAF-850 62H
EL CENTRO 212 (116.1)
MOLTVILLE 60H L S
YUMA 230 (116.1)
WELLTON
GILA BEND No. 6 37H
GILA BEND No. 4 37H
ARIZ 1 D.A.
MT. LAGUNA 254 (116.1)
CALEXICO 28 S
SO MERTON 30 S
YLV 65H S
AJO AAF 64H L S
JACUMBA HOT SPRINGS OLF 25
ARIZ MEXICO
LOS ANGELES 82
PHOENIX 86
TO CASA GRANDE
RIVERSIDE 38
TO PHOENIX 92
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "R" BOUNDARIES.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 3500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO AIDS

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR & DIST	FREQS GUARDED, HRS OF OPER. REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA	230(UP)(116.1)	SBMRAZ-VDT,165°,5 8	(4); 116.1

CALIFORNIA

BLYTHE	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
El Centro NAS	317 (142 74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)

S-Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker (3) 3105. 4495. 6210 kcs (4) 3105 4495. 6210. 3117 5 kcs · Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116 1. 137 88. 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echeverria (Wickenburg)	14.8 WSW,RR N	2380	40h	
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
- Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. ARPTOF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver. ENTRY
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE.rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE.No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct.Data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page 18) NC-(not charted) → New or revised data.

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-VDT,253°,2.2	(4); 116.1
→ DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-VDT,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4):116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT;307°.3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.5	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18

NEW MEXICO

RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct. Poles W. Port. rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
* Cochise Int,T-3,PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2693	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
→ Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
(P) Ft. Apache (White River)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF (A)	2.5 WSW,rd N	4347	66h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No sto.

ARIZONA

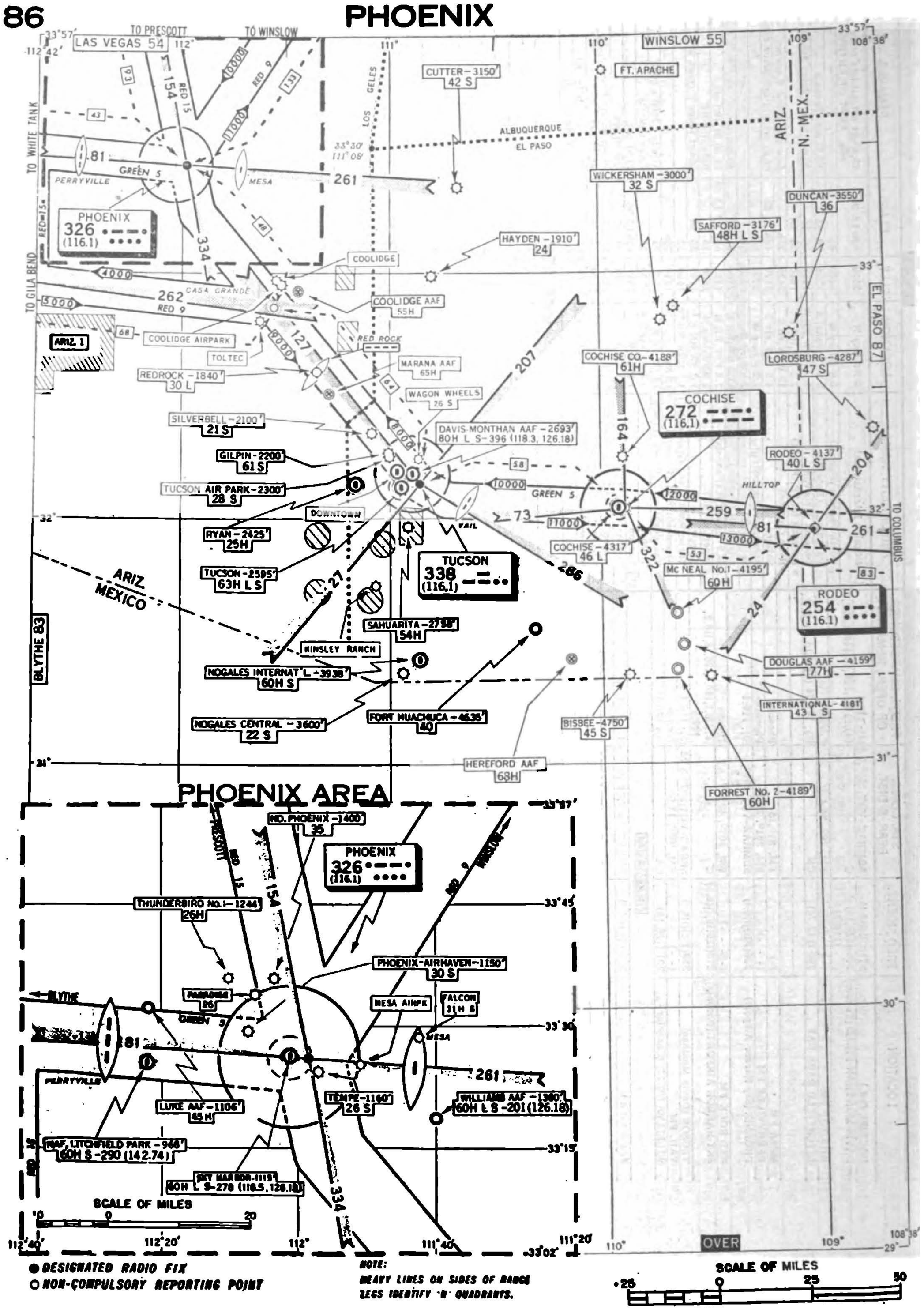
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct. No sto. Poles SW,NE.
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E, trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No sto. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE, bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.

NEW MEXICO

Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
Downtown (Tucson,Ariz.)	1.4 S,RR SW	2400	34 S2	80,91 oct. Poles N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x1) NC (not charted). → NEW OR REVISED DATA.

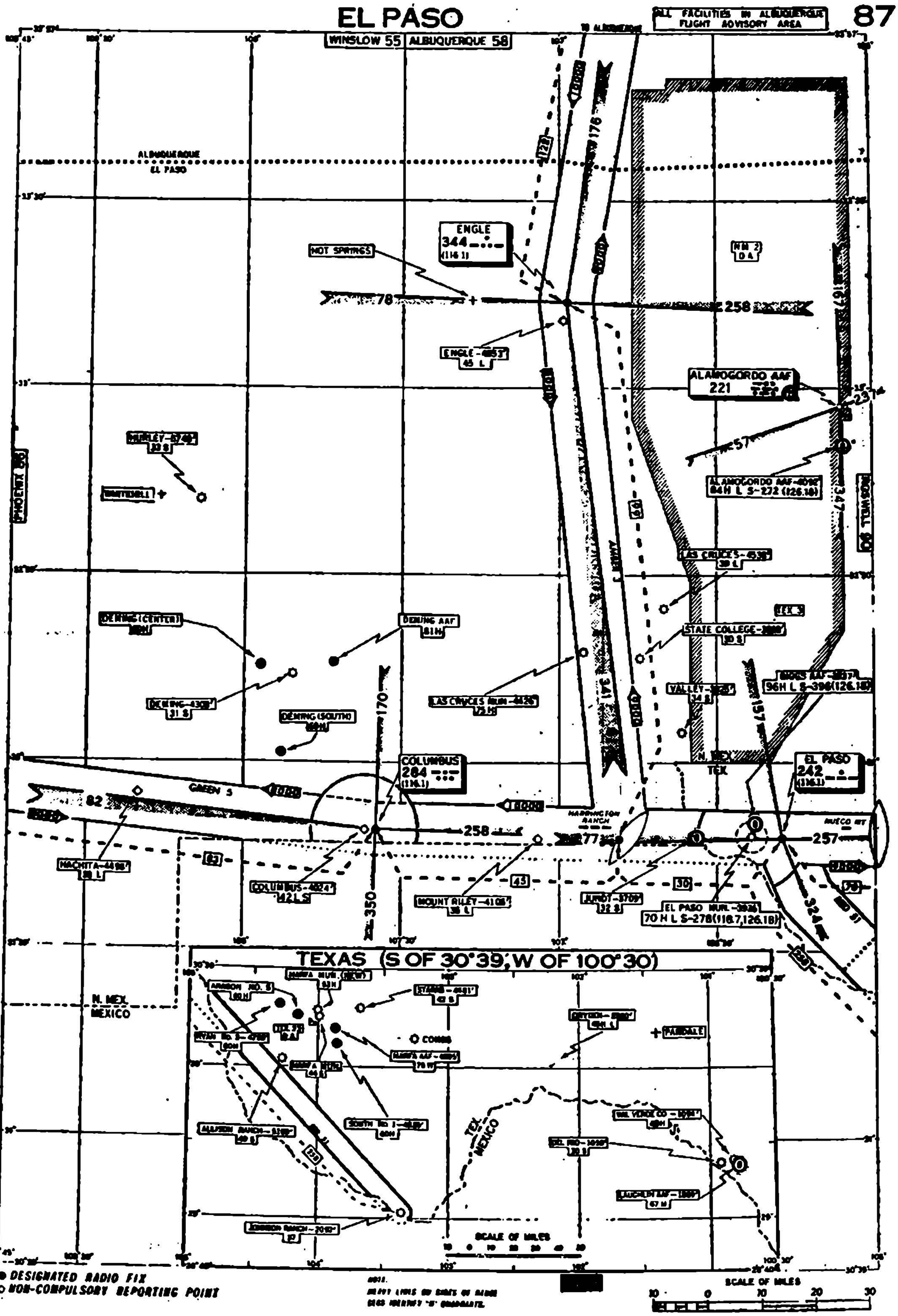
PHOENIX



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

EL PASO



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army	221 (DGR)	BMRLZ	(3);4220;126.18
Alamogordo AAF	272 (126.18)	CA;107°.6 5	(3);126.18 (730-24)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-VDT, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
TEXAS			
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
→EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3);116.1,122.1
El Paso Mun. Arpt.	278 (126.18) (118.7)	AC(ILS);257°.4.9	(4):122.5,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
→BIGGS(A)	109.9		213° Mag.	IM- (0.26)	MM- ····· (0.85)	OM- -- (3.50)
					MMK-	OMK-
EL PASO. TEX.	109.5	(W)	332 G	IM-	MM-	OM-
			217° Mag		MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice W-Without Voice. Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Columns Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
★ Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
★ Engle Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
★ Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver.
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.
Las Cruces (NC)	1 NE,hwy N	3900	35	
Las Cruces, mun.	8.5 W,hwy S	4426	75h	Cattle on fld.
Las Cruces 4,EO-PU	9.5 NE,hwy S	4538	39 L3	Pwr line S. Mtn E.
★ Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct.No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct.50'hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N,Rnwy data unver.
TEXAS				
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.JP-1.No
Blair Ranch (Marathon) (NC)	23.5 SSW,hwy E	4180	24	PRIVATE. range.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-PU	5.7 W,hwy N	2300	45h L3	
EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct.No sto. ARPT OF ENTRY.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline
Presidio (NC)	4 N,hwy W	2850	48	NOT MNTND. S, SW.
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.
Pandale (Tex.)	8 NE		20 S2	80 oct. Data unver.
Combs (Marathon) (Tex)	0.7 SE; RR, hwy N	4100	27 S2	80 oct. Data unver.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page IX) NC-(not charted) → New or revised data

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED. HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3); 126.18
Roswell AAF	396 (126.18)+	CA:255°, 3.6	(3); 126.18
NEW			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT:162° 2.7	(4); 116.1

S-Simul Range and Voice. W Without Voice Z VHF Range Station Location Marker (3) 3105 4495. 6210 kcs (4) 3105. 4495. 6210. 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1 137.88 140.58 mcs

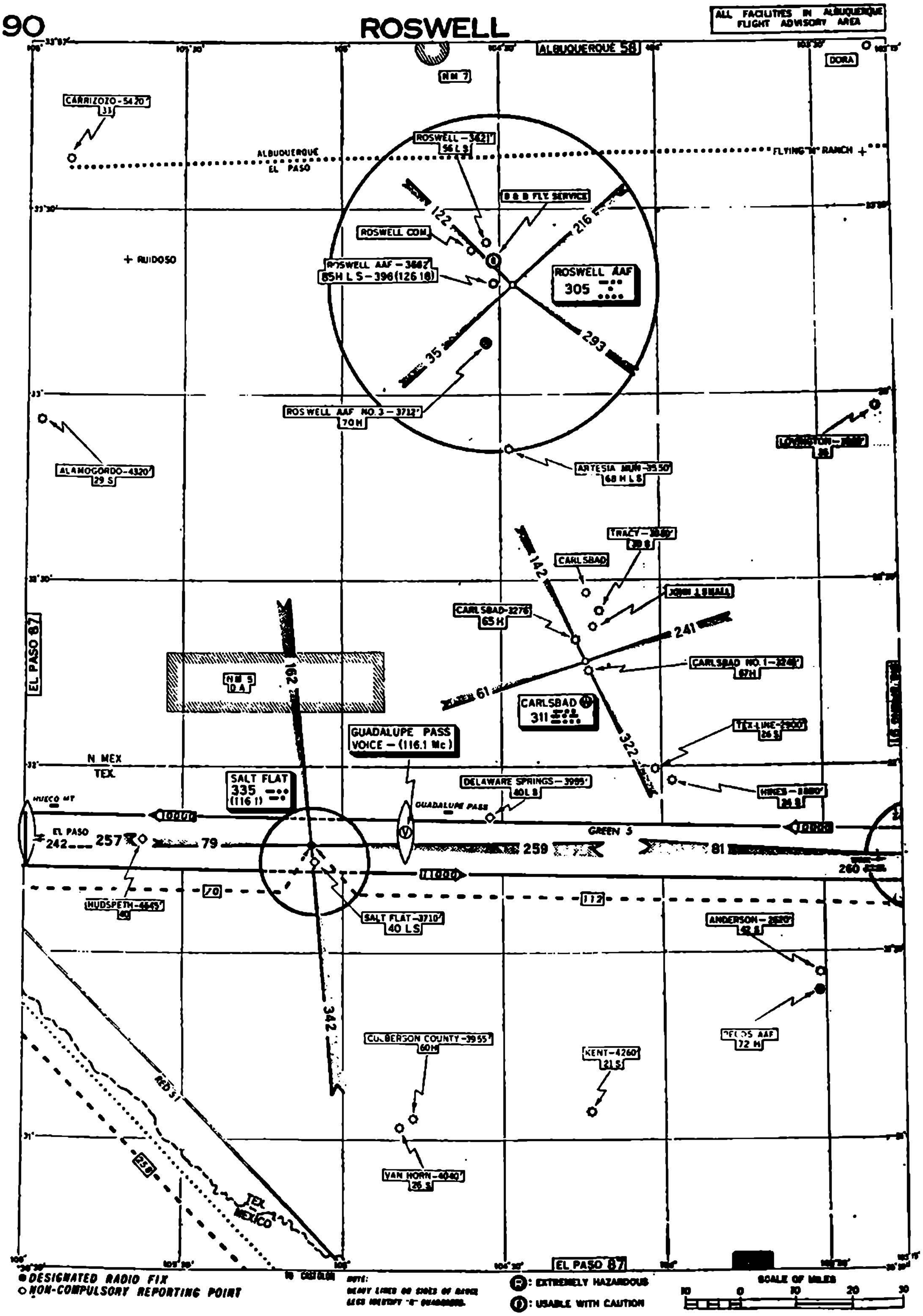
AIRPORTS NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
CARLSBAD MUN.	6.1 SSW,	3276	65h L5	Hwy E,Rnwy lgts on freq.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6,5 S	3662	85h R3 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	CLOSED
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

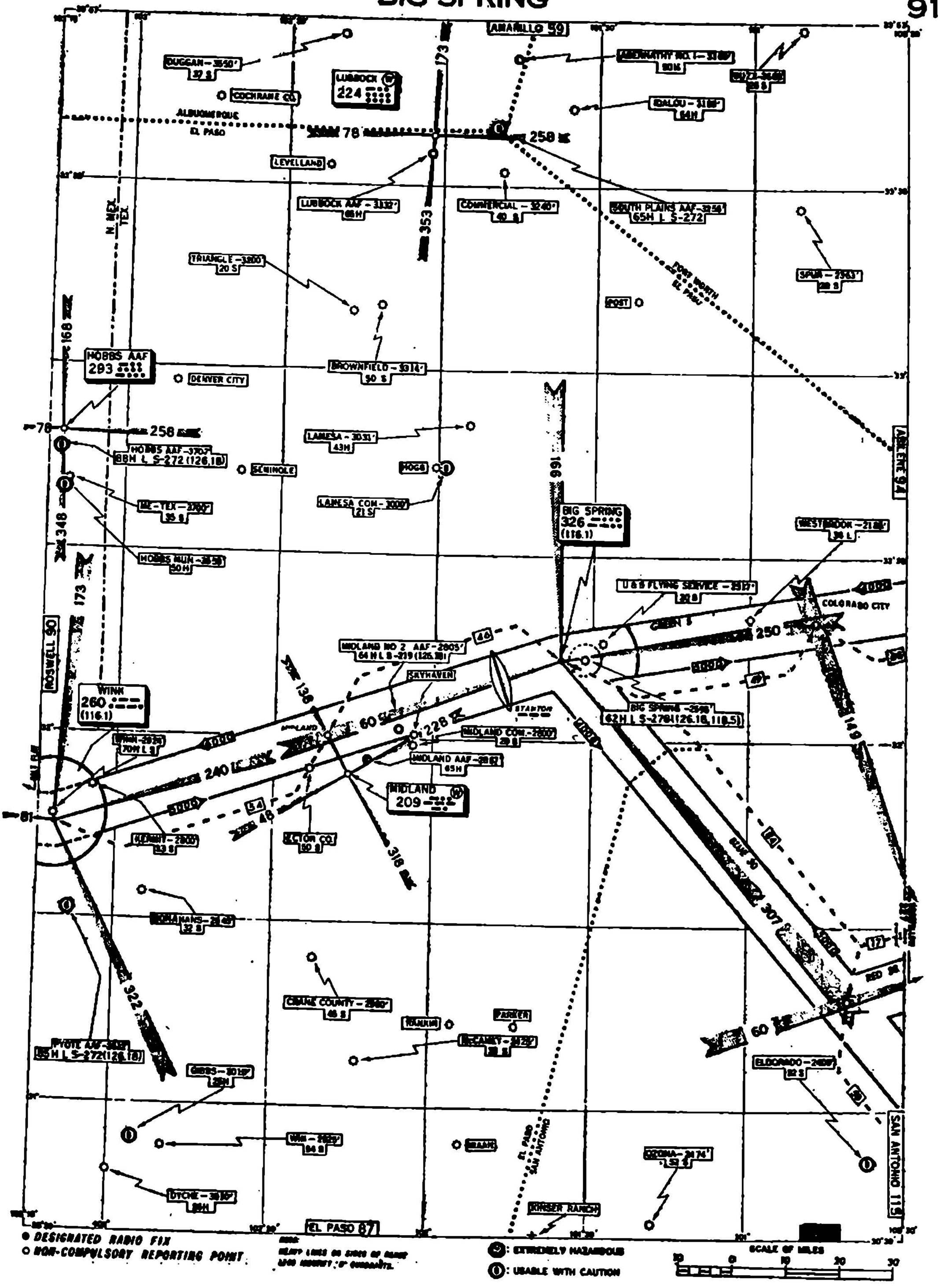
h hard surfaced runways R radio facilities L lighting facilities S servicing (See page 11) NC-(not charted) → New or revised data

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
NEW				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3655	60h	
★ Delaware Springs Int. 11,EO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
(A) Pecos AAF(A)	2.2 SSW	2817	72h	RR W CLOSED
★ Salt Flat Int.8A.EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N.Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.
NEW AIRPORTS				

ROSWELL


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
ALBUQUERQUE 58
DORA
NM 7
CARRIZOZO - 5420'
31 S
ALBUQUERQUE
EL PASO
ROSWELL - 3421'
56 L S
FLYING "M" RANCH
D & B FLY SERVICE
122
216
ROSWELL COM
+ RUIDOSO
ROSWELL AAF - 3682'
85 H L S - 396 (126 1@)
ROSWELL AAF
305
293
35
ROSWELL AAF NO. 3 - 3712'
70 H
ALAMOGORDO - 4320'
29 S
ARTESIA MUN - 3950'
68 H L S
142
TRACY - 3880'
CARLSBAD
CARLSBAD - 3276'
65 H
241
CARLSBAD NO. 1 - 3249'
67 H
61
CARLSBAD
311
322
EL PASO 87
NM 5
D A
162
GUADALUPE PASS
VOICE - (116.1 Mc)
N MEX
TEX
SALT FLAT
335
(116.1)
DELAWARE SPRINGS - 3995'
40 L S
GUADALUPE PASS
HUECO MT
EL PASO
242
257
79
259
81
GREEN 5
260
10
HUDSPETH - 4645'
SALT FLAT - 3710'
40 LS
112
ANDERSON - 2820'
342
COLBERSON COUNTY - 3955'
60 H
KENT - 4260'
21 S
FELDS AAF
72 H
VAN HORN - 4040'
25 S
85 S
TEX
MEXICO
259
EL PASO 87
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS
LESS INTENSITY "E" BOUNDARIES.
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

BIG SPRING


AMARILLO 59
DUGGAN – 3540'
32 S
COCHRANE CO.
LUBBOCK
224
ALBUQUERQUE
EL PASO
78
258
173
353
LEVELLAND
LUBBOCK AAF – 3332'
65H
COMMERCIAL – 3240'
40 S
ABERNATHY NO 1 – 3180'
90 M
ROLOU – 3180'
64H
SOUTH PLAINS AAF-3254'
65H L S-272
SPUR – 2953'
28 S
FORT WORTH
EL PASO
ROST
TRIANGLE – 3200'
20 S
BROWNFIELD – 3016'
30 S
HOBBS AAF
293
DENVER CITY
168
HOBBS AAF – 3707'
88H L S-272 (126.1B)
SEMINOLE
LAMESA – 3031'
43H
HOGS
LAMESA COM – 3000'
21 S
99
BIG SPRING
326
(116.1)
ABILENE 94
348
HOBBS MUN – 3659'
50 H
WEST BROOK – 2180'
30 L
U & S FLYING SERVICE – 2917'
20 S
COLORADO CITY
ROSWELL 90
WINK
260
(116.1)
MIDLAND NO 2 AAF – 2803'
64 H L S-219 (126.3B)
SKYHAVEN
136
60
228
STANTON
BIG SPRING – 2548'
62H L S-278 (126.1B, 118.5)
MIDLAND COM. – 2807'
28 S
MIDLAND AAF – 2858'
65H
MIDLAND
209
240
54
48
318
307
80
MIDLAND
922
CRANE COUNTY – 2950'
46 S
PARKER
ELDORADO – 2459'
32 S
SAN ANTONIO 115
EL PASO
60
DYCHE – 3815'
25H
EL PASO 87
KINSER RANCH
ORCHA – 3474'
32 S
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3) (V, 7-23)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3); 126.18 (7-23)
TEXAS			
BIG SPRING	326(BZ)(116.1)	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	278 (126.18) (118.5)	C; 70°, 3.9	(4); 126.18,122.5,118,5 (7-23)
LUBBOCK (AAF)	224 (DHH)	MRLWZ; 173°, 3.7	
MIDLAND	209 (DON)	MRLWZ;48°,3.8-AAF	
Midland No. 2	219 (126.18)	CA	(4); 140.58,126 18
PYOTE AAF	272 (126.18)	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	272	CA	(4) (8-22)
STANTON FM	(- - -)	FM, 240°,12	Big Spring.
WINK	260(WP)(116.1)	SBRAZ-VDT,353°,1.2	(4); 116.1

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct.Pole line N,W,NW.
TEXAS				
(N)(P) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT.NO FACS
(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct. NATS (Ferry)
Brownfield	5 E; hwy N	3314	50 S2	80 oct.P-line N,NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct.Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto. Use strips.
Crane Co.(Crane)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.

AIRPORT - CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct. PRIVATE. Data unverified.
Lamesa	8 NNE;hwy E	3031	43h	Use rnwys only
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct,Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct. Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct.Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	CLOSED
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unverified.
(A) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1 No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE;RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Denver City (Tex.)	0.8 NW	3584	40 S1	80 oct.Data unver.
Hogg(Lamesa,Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan,(Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct.P-line N,S, SE. Use strips only.
Parker, (Texan,Tex.)	2.3 W; RR N	2700	32	Use strips only.
Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W blocked Canyon E.
Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page IX) NC-(not charted) → NEW OR REVISED DATA.

ABILENE

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3):116.1.122.1
Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4): 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHVT	(4): 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°, 1.7	(4): 116.1

S Simul Range and Voice W Without Voice 2 VHF Range Station Location Marker (3) 3105 4495 6710 kcs. (4) 3105 4495 6210 3117 5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice ▲ - Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs

AIRPORTS — OKLAHOMA

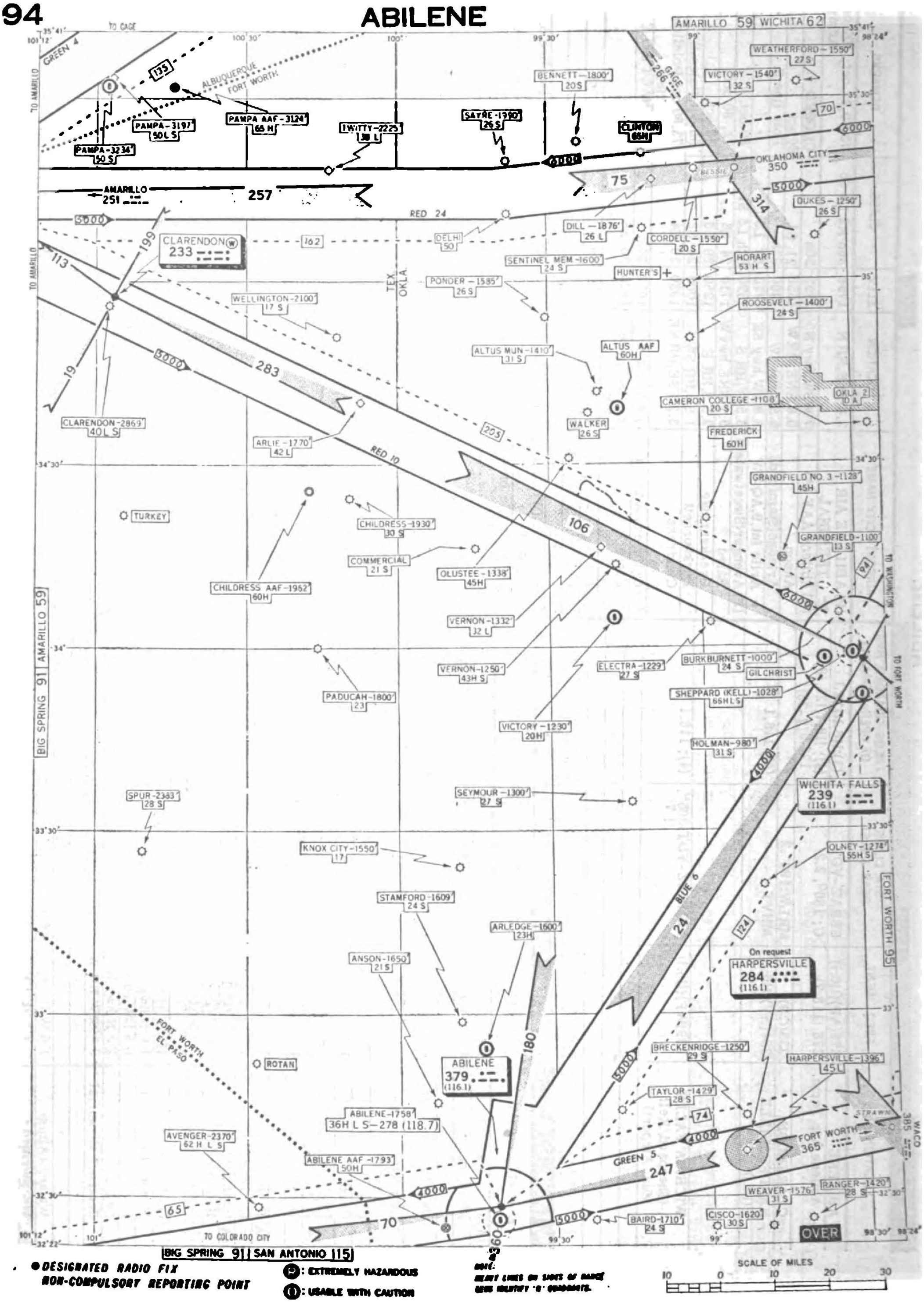
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct. Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct. Poleline W. Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct. Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct. Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct. Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct. Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

TEXAS

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91 oct; 100 oct. Army
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	CLOSED
Anson	0.8 ENE,RR W	1650	21 S1	80 oct
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct. Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct. Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct. Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct. Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S6	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct. Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct. ARMY TMP INACT. CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct. No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct. Pole line S.
NEW AIRPORTS				
Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips only
Victory (Clinton,Okla.)	2 S; hwy W.	1540	32 S2	80 oct.
Hunter's Flight Strip (Hobart) Okla.	0.5 SW;hwy adj	1530	22 S2	Fuel. Data Unver

n-hard surfaced runways R-radio facilities L lighting facilities S servicing (See page x) NC (not charted) → NEW OR REVISED DATA.

ABILENE



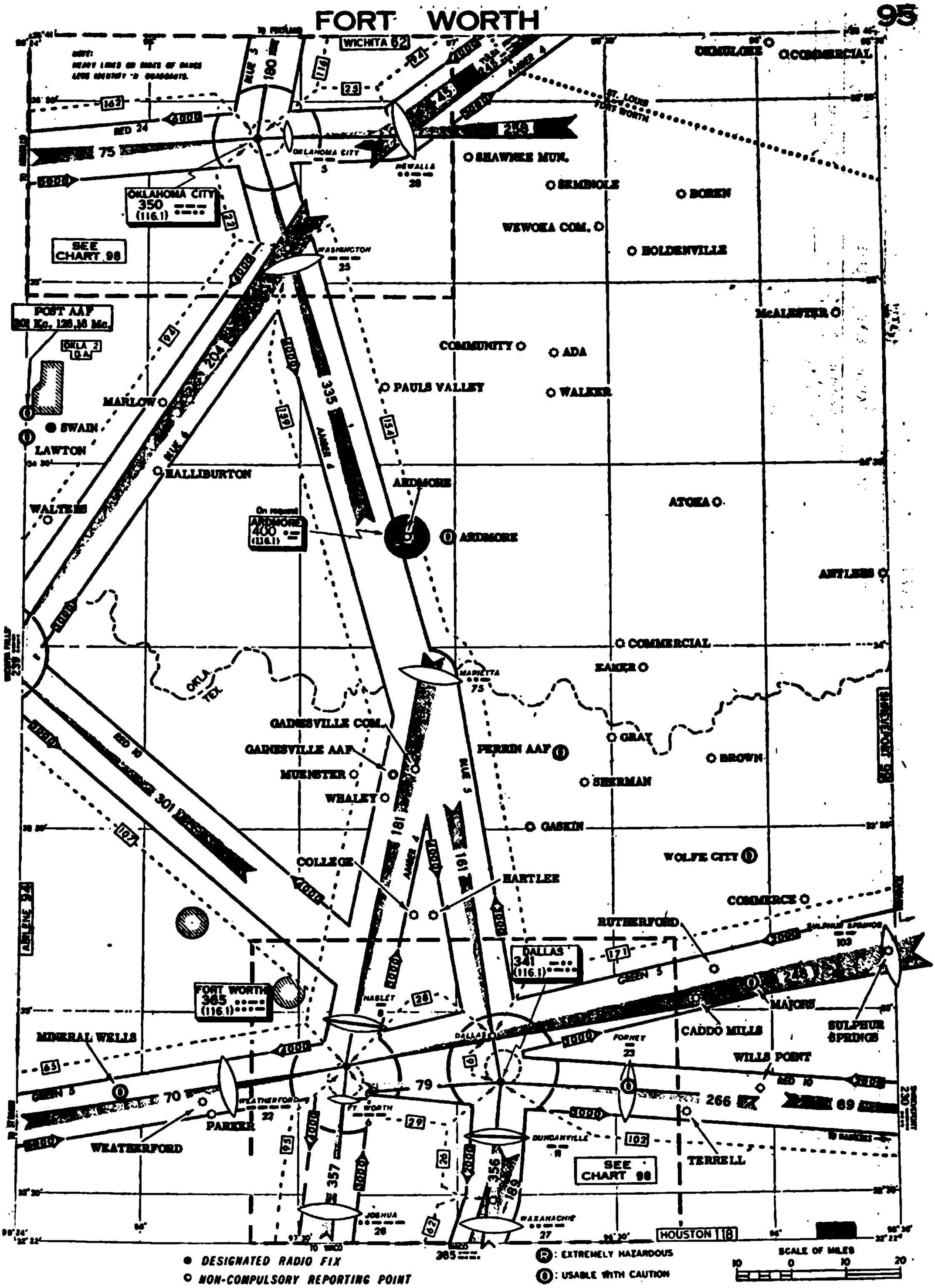
● DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

E: EXTREMELY HAZARDOUS

①: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE
GIVE RELATIVE "B" BOUNDARIES.

FORT WORTH


WICHITA 62
OKLAHOMA CITY
350
(116.1)
SEE CHART 98
POST AAF
OKLA 2
OKLAHOMA CITY
NEWALLA
WASHINGTON
MARLOW
SWAIN
LAWTON
HALLIBURTON
WALTERS
ARDMORE
400
(116.1)
ARDMORE
SHAWNEE MUN.
SEMINOLE
WEWOKA COM.
HOLDENVILLE
COMMERCIAL
McALESTER
COMMUNITY
ADA
PAULS VALLEY
WALKER
ATOKA
ARTLESS
GAINESVILLE COM.
GAINESVILLE AAF
MUENSTER
WHALEY
PERRIN AAF
SHERMAN
GRAY
BROWN
COMMERCE
GASKIN
WOLFE CITY
COLLEGE
EARTLEE
RUTHERFORD
DALLAS
341
(116.1)
FORT WORTH
385
(116.1)
MINERAL WELLS
PARKER
WEATHERFORD
FT. WORTH
JOSHUA
DUNCANVILLE
WAXAHACHIE
CADDO MILLS
WILLS POINT
SULPHUR SPRINGS
MAJORS
TERRELL
SEE CHART 98
HOUSTON 18
ARLINGTON 24
OKLA
TEX
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

[redacted] OKLAHOMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARDMORE	400 (AT)(116.1)	MHVT	(4); 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT, 78°, 1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Fort Sill)	201 (126.18)	CA	(3); 126.18 (8-18)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City
[redacted]			
DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT, 35692.2	(3);116.1,122.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX, 177°, 2.4	(3);116.1,122.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - -)	FM, 177°, 27.7	Fort Worth
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S,RR E	1145	26 L2 S4	73 oct. Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
(A) Post (Ft. Sill) (A)	3 N	1170	50h R1 L4 S4	Ltd. 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
(A) Swain (Lawton)(A)	3.5 E,hwy N	1165	26	CLOSED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page ix) (NC)-Not charted. → NEW OR REVISED DATA

AIRPORTS — TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
College (Denton)	4.2 N	693	25 S6	73 oct. Cattle on field.
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg.lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
Majors (Greenville)	5 SSE,RR W	544	55h S4	80,91 oct.
(P) Mineral Wells	3.2 SE,RR N	938	42h L5 S6	80,91 oct. Rnwy lgts on req. Data unver.
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.

NEW AIRPORTS

RADIO

OKLAHOMA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS,	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	78°, 27.5	FM	Oklahoma City
OKLAHOMA CITY Range (Will Rogers)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1
OKLA. CITY LFM	(- -)	78°, 5.4	LFM	Oklahoma City
TINKER Army Range	221 (DTE)	170°, 5.3	BMRAZ	4495
Tinker Tower	396 (126.18)+		CA	(3); 126.18
WASHINGTON FM	(- - -)	155°, 24.6	FM	Oklahoma City
→ WILL ROGERS Tower	272 (118.7)		C(ILS)	(4); 118.7, 126.18, 122.5

TEXAS

DALLAS Rng (Love)	341(DL)(116.1)	356°, 2.2	SBMRAZ-DTV	(3); 116.1, 122.1
DUNCANVILLE K fac.	404 (D)	176°, 10.5	FMK	Dallas
DUNCANVILLE FM	(- -)	176°, 10.5	FM	Dallas
FORNEY FM	(-)	86°, 23	FM	Dallas
FT. WORTH Range (Meacham)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Fort Worth AAF Twr	201 (126.18)+		CA	(3); 126.18
FT. WORTH LFM	(- - -)	177°, 6.2	LFM	Fort Worth
GRAUWYLER PARK K Fac.	311 (L)	356°, 0.8	K	Dallas
HASLET FM	(-)	1°, 8.1	FM	Fort Worth
HASLET K Fac.	371 (F)	1°, 8.1	FMK	Fort Worth
HENSLEY Tower	396 (126.18)		CA	(4); 126.18
JOSHUA FM	(. . - - -)	177°, 27.7	FM	Fort Worth
LOVE Tower	278(126.18, 118.9)		AC (ILS)	(4); 118.9, 122.5, 126.18
MEACHAM Tower	272 (126.18, 118.7)		AC (ILS)	(4); 126.18, 118.7, 122.5
WAXAHACHIE FM	(. . - -)	176°, 27.0	FM	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3 ·-·· -·-· (W)	335	140° Mag.	IM-	MM- ·--·-(0.7)	OM- --(4.35)
					MMK-	OMK-
MEACHAM	109.9 ···· ····	333.8	172° Mag.	IM-	MM- ·-·-(0.7)	OM- --(4.09)
					MMK-356°···-(0.7)	OMK-
→ WILL ROGERS	109.9 ---- ·--·	333.8	350° Mag.	IM-	MM- ·-·-(0.66)	OM- --(4.6)
					MMK-	OMK-

·S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (1)-3105, 4095, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW; RR E	1260	20 S1	80 oct.
Bomhoff (Calumet)	4.1 SSE; hwy S	1448	25 S4	73,80,91 oct.
Caddo Fly. Svc. (Ft. Cobb)	6 SE; hwy S	1250	16 S2	80 oct.
(P)Chickasha	4 NNW; riv S	1140	37 L S6	80,91 oct. Flood, obst lgts.
Cimarron (Yukon)	4 WSW; hwy N	1350	20h	
(P)El Reno	1.5 SW; RR N	1400	26 L S6	80 oct. Port rnwy lgts.
Geary	1.4 E; RR N	1300	21 S2	73 oct.
Garthoeffner Co. Club (Oklahoma City)	7.3 S; hwy E	1250	19h S6	80 oct.
Kingfish (Hinton)	3 N; hwy N		19 S1	80 oct. Data unver.
Lake View (Yukon)(NC)	2.7 E; RR N	1275	24	PRIVATE. Poles N, S.
Max Westheimer	2.7 NW; RR E	1178	50h S2	80, 91 oct. (Norman)
(P)Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Okla. City)	7.2 SSW; hwy W	1265	30 S6	80 oct. Poles N, W, SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW; riv W	1100	24 S2	80 oct. Trees S, SSW, SSE.
(A,N)Tinker (Okla. City)	8.5 SE; RR NE	1269	78h R2 L5 S6	62,91,100 oct. JP-1. NATS
Tulakes (Okla. City)	8 WNW	1400	44h S6	80,91 oct. (Hospital flgts). Pwr line S.
Wheatley Arpk. (Moore)	0.6 NE; hwy W	1273	24 S6	73 oct.
Wiley Post (Okla. City)	7.9 NNW; hwy E	1216	30 S6	80,91 oct. Trees S.
→ WILL ROGERS (Okla. City)	7.5 SW; hwy E	1283	57h R3 L6 S6	80,91,100 oct.

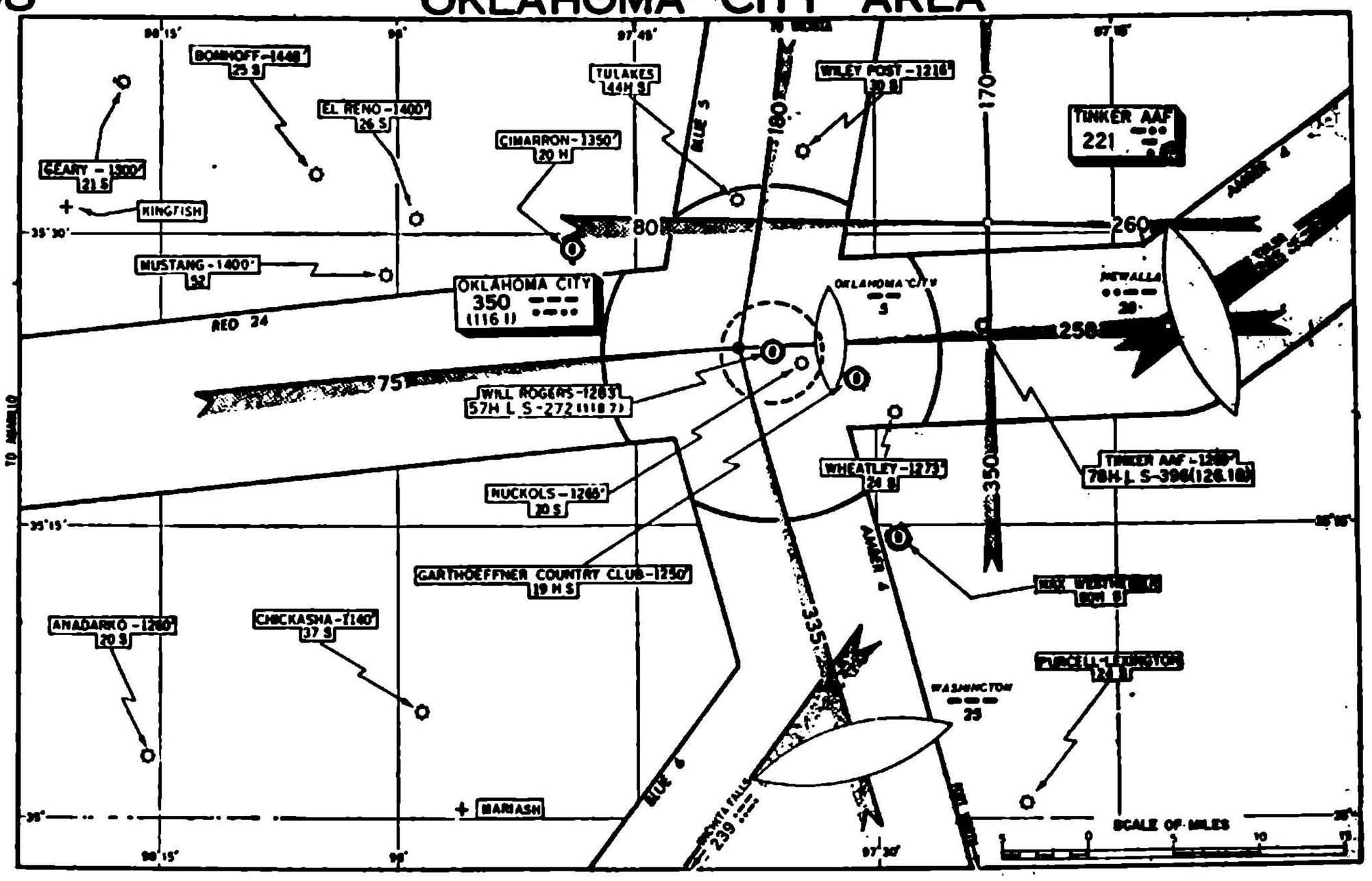
TEXAS

Arlington-Midway	6.8 NNE; RR S	567	41h L5	Poles S.
(N)Arlington OLF (N)	4 SSW; rd W	695	13h	
Clearview (Dallas)	5.1 SSW; RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW; RR NE	780	19 S1	Ltd 80 oct.
(N)Eagle Mtn. Lake MCAS	1 SSE; RR NE	745	60h	INACTIVE. (Newark)(N)
(P)Ellis Co. (Waxahachie)	3.5 NE; RR S	585	31 S2	73 oct. Pole line S.
Fliers (Dallas)	6.2 WSW; RR W	580	17 S4	80 oct. No sto. Trees S.
(A)Ft. Worth AAF (A)	6.8 WNW; lake N	636	73h R1 L5 S6	73,91,100 oct. JP-1,
(N)Grand Prairie OLF(N)	1 WSW; RR N	529	30h L5 S4	73 oct. No bcn. (N)
Handley	0.6 NE; RR S	630	26 S6	73 oct.
(A,N) Hensley (Dallas)	11 WSW; hwy N	495	52h R1 L5 S4	73,91,100 oct. (A)(N)
Hicks (Fort Worth)	12.5 NNW; lk W	820	27	
Highland Park (Dallas)	9 N; RR E	622	27h L S6	80,91 oct. P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas)	9.6 NE; RR SE	614	17h S6	80,91 oct. P-line W.
Lou Foote (Dallas)	8.8 S; hwy E	665	35 S6	73,80,91 oct. Bldgs N, NE.
(P) LOVE (Dallas)	5 NNW; RR SW	483	52h R3 L6 S6	73-100 oct. Poles S.
Luscombe (Garland)	2.2 WSW; RR N	610	50 S5	80 oct. No sto.
McKinney	2.1 S; hwy W	616	23 S2	80 oct. Poles E, W.
(N,P) MEACHAM (Fort Worth)	5.5 NNW; hwy NE	692	42h R3 L6 S6	73,80,91,100 oct. NATS. (Hospital flights)
Midwest (Ft. Worth)	5.3 ESE; RR NE	650	21 L S4	80,91 oct. Port rnwy lgts. P-line W, S.
Mustang (Dallas)	6 NNE; hwy NE	604	32 S6	80,91 oct.
Russell (Ft. Worth)	7 SSE; RRs E, W	680	31 S6	80,91 oct.
Saginaw	0.5 WNW; RR E	790	26 S6	80,91 oct.
Second Ave. (Dallas)	7 SE; RR N	530	26 S1	73,80 oct. Use strips. Poles S
Skyline (Dallas)	3.2 SSE; riv E	430	26 S6	80,91 oct. Trees NW.
Sky Ranch (Arlington)	3 SW; RR N	590	25 S2	80 oct.
T.C.U. (Ft. Worth)	6.6 SW; RR S	710	24 S6	80,91 oct.
Wallace (Terrell)	2 W; RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W; hwy N	490	13	
Waxahachie	1.5 SSW; hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE; RR NW	543	29 L S6	91 oct. Port rnwy lgts.

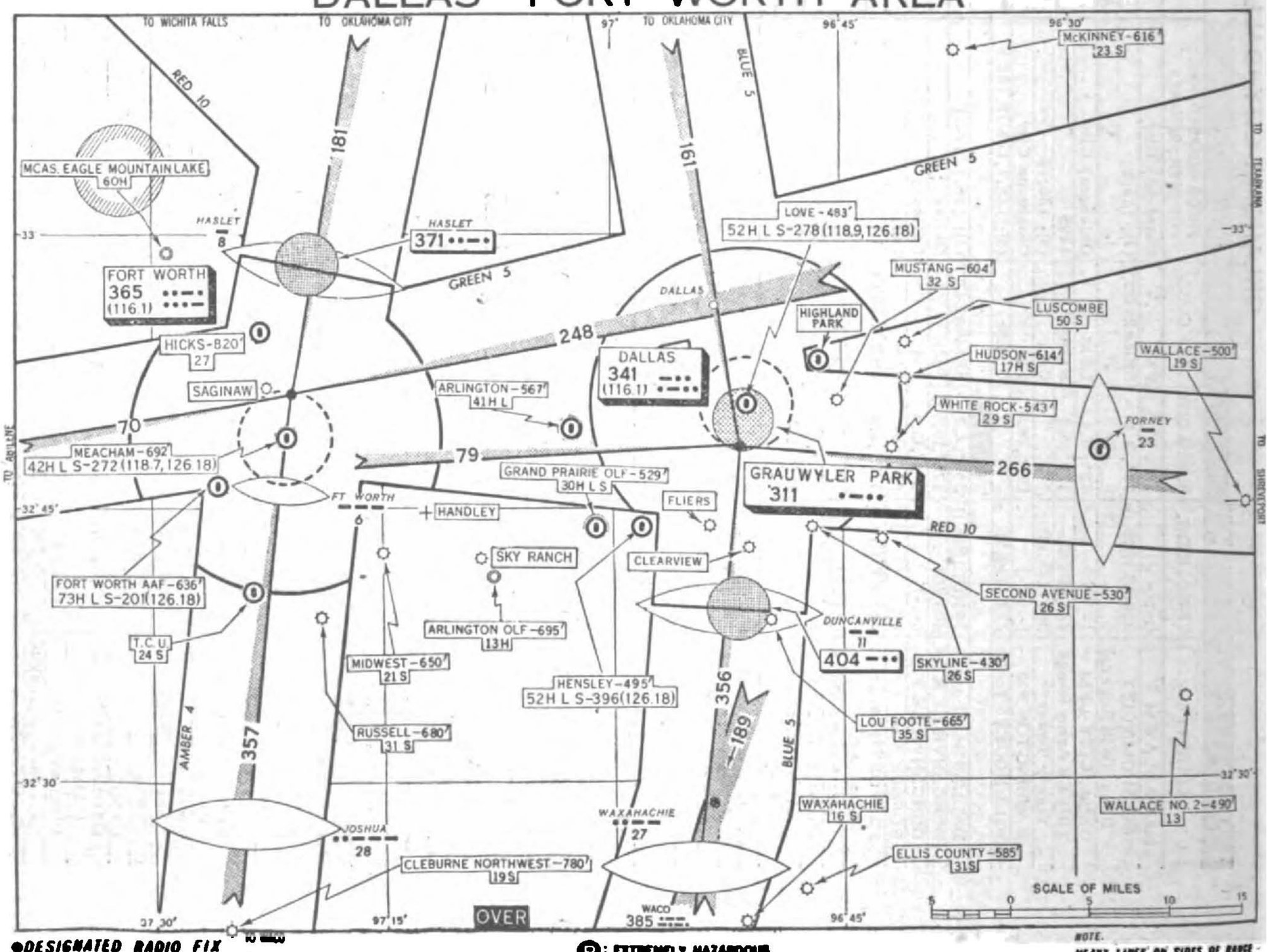
NEW AIRPORTS

→ Mariash (Chickasha, Okla.)	2 SSE; RR E	1275	30 S1	80 oct. Data unver.

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA

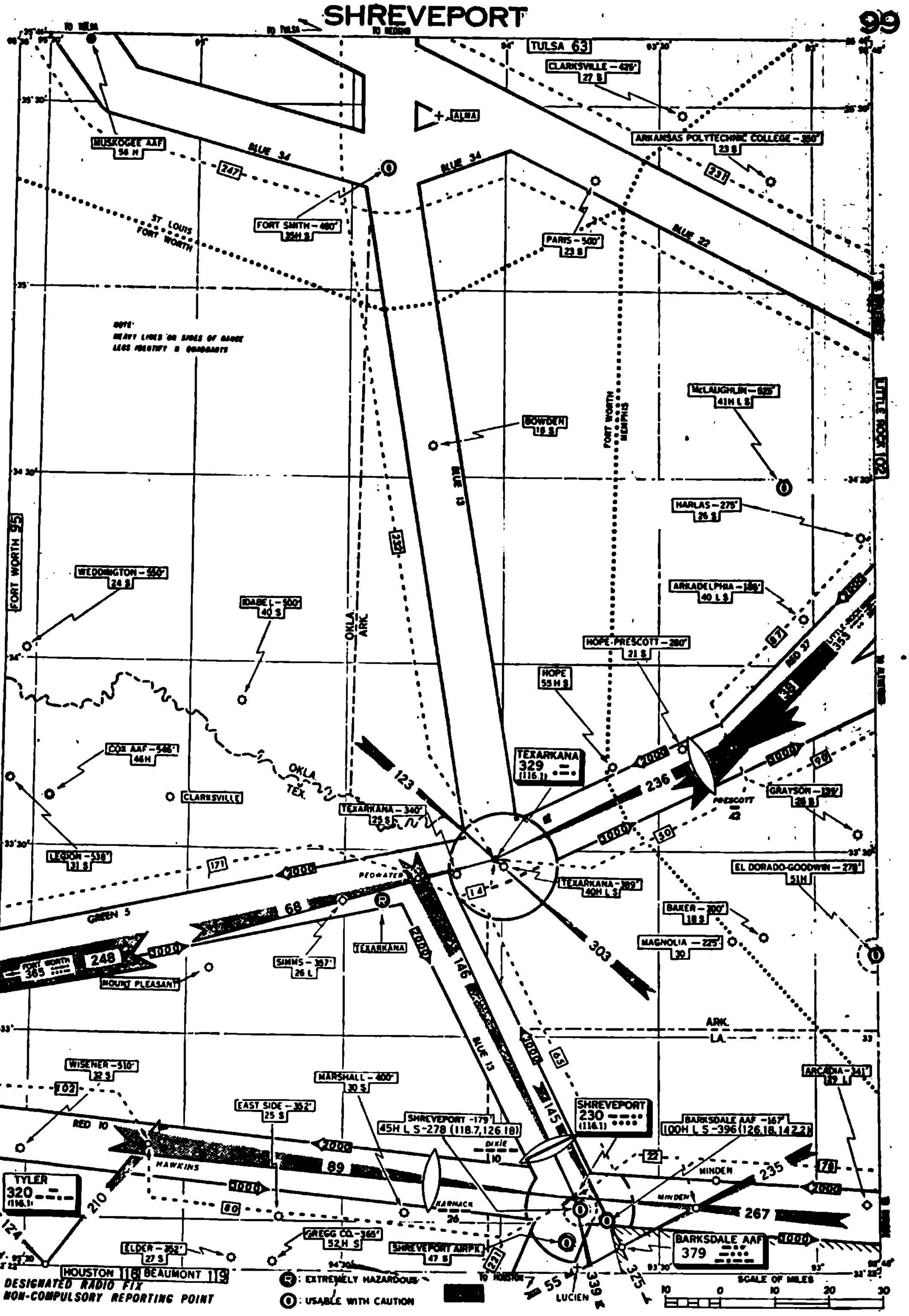


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 'R' BOUNDARYS

SHREVEPORT


TO MENA
TO TULSA
TO MEMPHIS
TULSA 63
CLARKSVILLE – 426°
27 S
ALMA
HUSKOGEE AAF
36 H
BLUE 34
247
ARKANSAS POLYTECHNIC COLLEGE – 350°
23 S
231
FORT SMITH – 480°
35H S
ST LOUIS
FORT WORTH
PARIS – 500°
23 S
BLUE 22
NOTE:
HEAVY LINES ON SIDES OF RADIO
LEGS INDICATE 8 QUADRANTS
BOWDEN
16 S
BLUE 13
FORT WORTH
MEMPHIS
McLAUGHLIN – 625°
41H L S
LITTLE ROCK 123
FORT WORTH 95
WEDDINGTON – 550°
24 S
IDABEL – 500°
40 S
OKLA
ARK
237
HARLAS – 275°
26 S
ARKADELPHIA – 385°
40 L S
67
HOPE-PRESCOTT – 280°
21 S
HOPE
55 H S
OKLA
TEX
CLARKSVILLE
TEXARKANA – 340°
25 S
TEXARKANA
329
(116.1)
123
236
PRESCOTT
42
GRAYSON – 339°
25 S
90
50
LEGION – 338°
31 S
171
PEDWATER
TEXARKANA – 389°
40H L S
EL DORADO-GOODWIN – 278°
51H
GREEN 5
68
14
BAKER – 300°
18 S
MAGNOLIA – 225°
30
303
FORT WORTH
365
248
MOUNT PLEASANT
SIMMS – 357°
26 L
TEXARKANA
146
BLUE 13
65
ARK.
LA.
WISENER – 510°
32 S
102
MARSHALL – 400°
30 S
EAST SIDE – 352°
25 S
SHREVEPORT – 179°
45H L S – 278 (118.7, 126.18)
SHREVEPORT
230
(116.1)
BARKSDALE AAF – 167°
100H L S – 396 (126.18, 142.2)
ARCADIA – 341°
19 L
RED 10
HAWKINS
89
DIXIE
10
22
MINDEN
235
78
TYLER
320
(116.1)
210
124
80
HARMACK
26
SHREVEPORT AIRPK
47 S
GREGG CO. – 365°
52H S
ELDER – 352°
27 S
231
267
BARKSDALE AAF
379
HOUSTON 118 BEAUMONT 119
TO HOUSTON
7
55
339
325
LUCIEN
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4); 116.1

LOUISIANA

BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
→ Barksdale Field	396(126.18,142.2)	CA(ILS)(GCA);325°,4.4	(3); 126.18,142.2
DIXIE FM	(- - - -) +	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,

TEXAS

KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ) (116.1)	BMRLZ-VDT;120°,1.6	(4);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BARKSDALE(A)	110.3 (W)	335	323°Mag.	IM- (0.07)	MM- (1.00)	OM- (4.39)
					MMK-	OMK-
→ BARKSDALE(A)	109.9 (W)		143°Mag.	IM- (0.25)	MM- ·····(0.64)	OM- -- (4.35)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army A C S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct. Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct. Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct. Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct. Lgts prior req. Use rnwy.
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct. Bldg, twr N. All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR1 S	500	23 S1	73 oct. Pole lines W,E,SW.
TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct.

LOUISIANA

* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake (Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct. Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct. Trees sur fld.
Northeast Aviation (Bastrop)	2 WSW	90	17 S4	80 oct. No sto. Data unver.
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct. Pole line SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S servicing. (See page ix) NC (not charted). →← New or revised data

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(A) Muskogee AAF(A)	5.5 S,RR W	610	56h	Hill SW. CLOSED
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.

TEXAS

Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO TACS
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct. Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct. Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct. Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
* Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct. Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.

NEW AIRPORTS

RADIO — ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5,122.5 (7-23)
BRUINS FM	(- - - -)	FM; 240°, 24	Memphis, Tenn.
LITTLE ROCK (Adams Field)	353 (LI) (116.1)	SBRAZ-VDT, 313°, 3.8	(3); 116.1
STUTTGART	269 (DSA)	MRLWZ, 173°, 4.7	
LOUISIANA			
MONROE (Selman)	359 (UO) (116.1)	SBMRLZ-VDT, 25°, 2.8	(4); 116.1
MISSISSIPPI			
FLORA FM	(-)	FM, 356°, 13	Jackson
GREENWOOD	281 (GD) (116.1)	BMLZ-VDT, 265°, 1.9	(4); 116.1
JACKSON (Hawkins)	260 (JA) (116.1)	SBRAZ-VDT, 173°, 2.4	(3); 116.1, 122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS) (116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARKANSAS

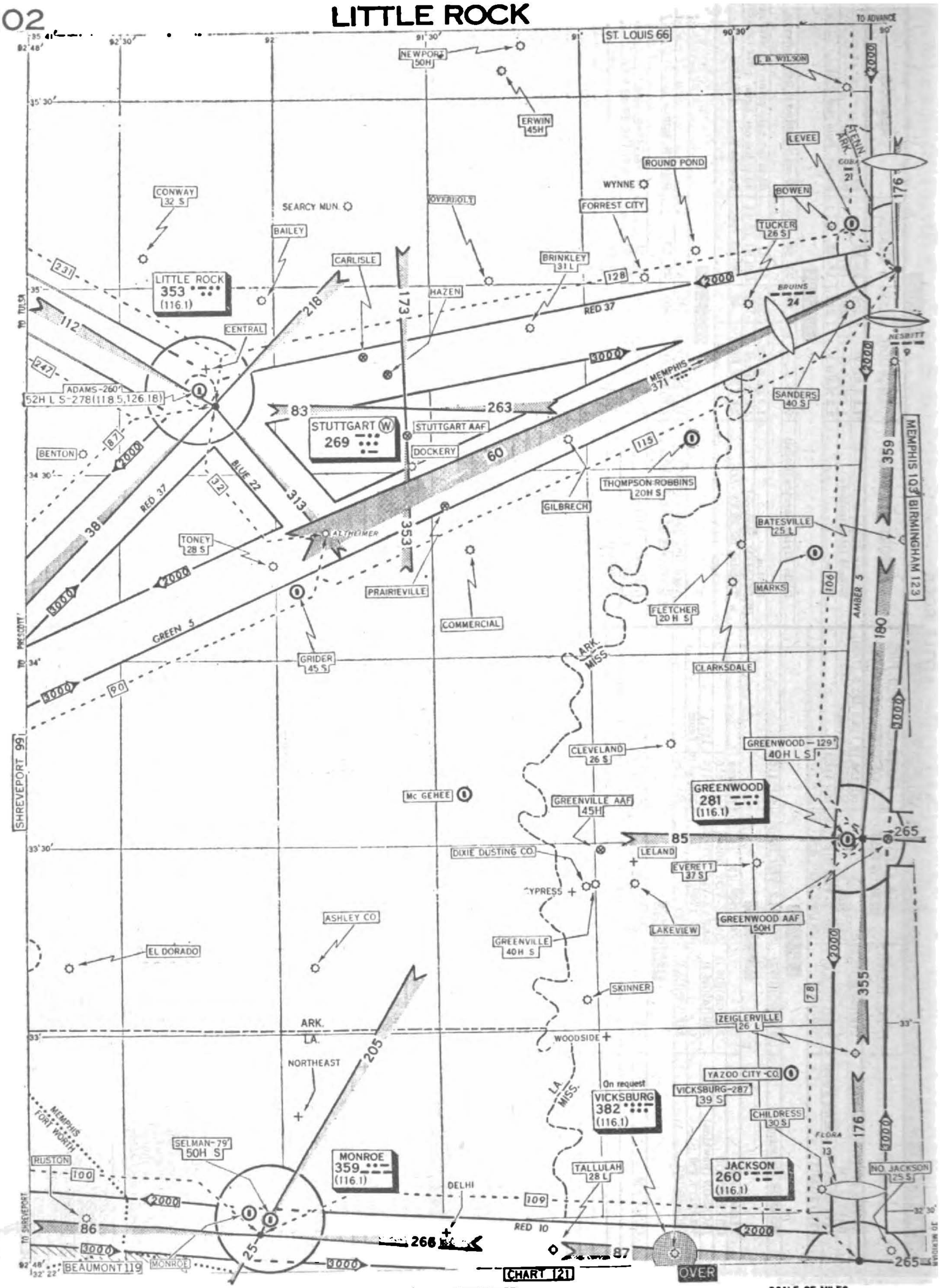
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.;73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1.5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart) (A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart) (A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart) (A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2.8 S,RR E	260	14 S1	80 oct. Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW, RR S	242	20h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1x) NC-(not charted). → New or revised data

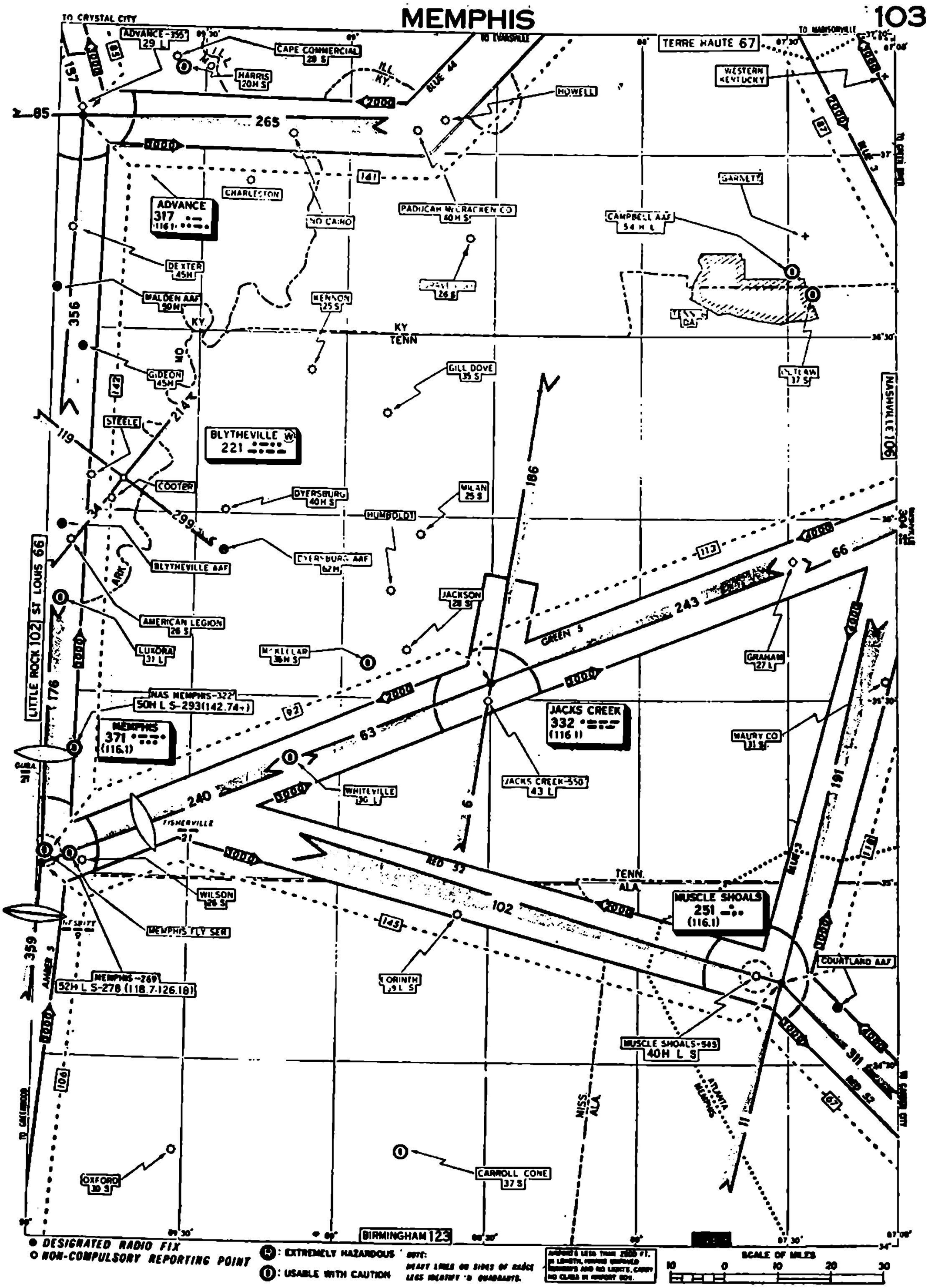
ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
Wright (Monticello)	1 ENE,hwy S	230	15	Pole line S.
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
LOUISIANA				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct.Lgts prior req.1600' rnwy hard surface.
(P)SELMAN (Monroe)	4.6 E,RR N	79	50h R1 L5 S1	80,91,100 oct. Lgts on req.
★ Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S.
[redacted]				
Augustine (Jackson)(NC)	11.5 NE,riv SE	335	40	
★ Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct, Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
→ GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	80,91 oct.Pole line E,SE.
(A) Greenwood AAF (A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW, Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
★ Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
NEW AIRPORTS				
Lee (Canton,Miss.)(NC)	1.4 WNW;RR E	300	38	Tank E.
Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver.

LITTLE ROCK


ST. LOUIS 66
TO ADVANCE
NEWPORT 50H
ERWIN 45H
L. R. WILSON
LEVEE
ROUND POND
WYNNE
FORREST CITY
BOWEN
TUCKER 26 S
CONWAY 32 S
SEARCY MUN.
BAILEY
OVERHOLT
BRINKLEY 31 L
CARLISLE
HAZEN
LITTLE ROCK 353 (116.1)
CENTRAL
RED 37
BRUINS 24
NESBITT
ADAMS-260°
52H L S-278(118.5,126.18)
STUTTGART 269
STUTTGART AAF
DOCKERY
MEMPHIS 371
SANDERS 40 S
BENTON
BLUE 22
ALTHEIMER
TONEY 28 S
PRAIRIEVILLE
GILBRECH
THOMPSON-ROBBINS 20H S
BATESVILLE 25 L
MARKS
FLETCHER 20 H S
COMMERCIAL
GRIDER 45 S
CLARKSDALE
GREEN 5
ARK. MISS
AMBER 5
MEMPHIS 103 BIRMINGHAM 123
SHREVEPORT 99
CLEVELAND 26 S
GREENWOOD — 129° 40H L S
GREENWOOD 281 (116.1)
Mc GEHEE
GREENVILLE AAF 45H
DIXIE DUSTING CO.
LELAND
EVERETT 37 S
CYPRESS
LAKEVIEW
GREENWOOD AAF 50H
ASHLEY CO.
EL DORADO
GREENVILLE 40H S
SKINNER
ZEIGLERVILLE 26 L
ARK. LA.
NORTHEAST
WOODSIDE
YAZOO CITY -CO.
On request
VICKSBURG 382 (116.1)
VICKSBURG-287 39 S
CHILDRESS 30 S
JACKSON 260 (116.1)
NO JACKSON 25 S
MEMPHIS FORT WORTH
SELMAN-79° 50H S
MONROE 359 (116.1)
TALLULAH 28 L
DELHI
RUSTON
RED 10
BEAUMONT 119
MONROE
CHART 121
OVER
TO SHREVEPORT
TO TULSA
TO PRESCOTT
2000
3000
4000
5000
231
112
247
218
173
128
87
38
32
313
353
263
83
60
115
109
90
100
85
78
359
355
180
176
265
266
25
205
101
13
35°
34° 30'
34°
33° 30'
33°
32° 30'
92° 48'
92° 22'
92° 30'
92
91° 30'
91
90° 30'
90
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LEGS INDICATE "B" BOUNDARIES.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

MEMPHIS


TO CRYSTAL CITY
ADVANCE-355
29 L
CAPE COMMERCIAL
28 S
HARRIS
20H S
157
85
265
TO NASHVILLE
HOWELL
TERRE HAUTE 67
TO MARKSVILLE
WESTERN KENTUCKY
67
CHARLESTON
141
ADVANCE
317
(116)
NO CAIRO
PADUCAH MCCRACKEN CO
60H S
CAMPBELL AAF
54 H L
GARNETT
DEXTER
45H
MALDEN AAF
50H
KY.
HENNON
25 S
KY
TENN
356
GILL DOVE
35 S
GIDEON
45H
147
214
STEELE
119
BLYTHEVILLE
221
COOTER
DYERSBURG
40H S
MILAN
25 S
HUMBOLDT
186
NASHVILLE 106
299
BLYTHEVILLE AAF
DYERSBURG AAF
62H
JACKSON
28 S
ST LOUIS 66
LITTLE ROCK 102
AMERICAN LEGION
26 S
LUXORA
31 L
176
INAS MEMPHIS-322
50H L S-293(142.74-)
MEMPHIS
371
(116.1)
92
63
JACKS CREEK
332
(116.1)
MALVRY CO
31 S
JACKS CREEK-350
43 L
WHITEVILLE
30 L
240
FISHERVILLE
31
TENN.
ALA.
WILSON
26 S
MEMPHIS FLY SER
102
145
MUSCLE SHOALS
251
(116.1)
359
MEMPHIS-269
52H L S-278 (118.7 126.18)
CORINTH
19 L S
COURTLAND AAF
MUSCLE SHOALS-503
40H L S
191
67
OXFORD
30 S
CARROLL CONE
37 S
MISS.
ALA.
BIRMINGHAM 123
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
LEES INDICATE 'D' QUADRANTS.
SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ALABAMA			
MUSCLE SHOALS	251(ED)(116.1)	SBRAZ-DTV; 262°, 4.6	(4); 116.1
ARKANSAS			
BLYTHEVILLE	221 (LY)	RLWZ; 226°,14.2	
KENTUCKY			
MISSISSIPPI			
NESBITT FM	(- - -)	FM; 179°, 9.4	Memphis, Tenn.
MISSOURI			
ADVANCE (Int.)	317(AF)(116.1)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
TENNESSEE			
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°,2.1	(4);12 .5,118.7.See Mem ice to Airmen
Memphis NAS	293 (142.74)	CN	3105; 142.74 (6-24)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
MEMPHIS, TENN.	109.9 •—•— ••••	333.8	90° Mag.	IM- •—•—(0,66)	OM- ——(4.9)
				MMK 201 •••(0.66)	OMK 233•——(4.9)
				IM-	OM-
				MMK-	OMK-

S Simul Range and Voice W Without Voice Z VHF Range Station Location Marker (3) 3105 4495, 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + — Aural A/C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALABAMA				
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct.
ARKANSAS				
American Legion (Blytheville)	1.5ESE,RR N	260	26 S6	80 Oct.Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW,RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	
ILLINOIS				
North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.
KENTUCKY				
(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6SSE;hwy W		23 S1	80 Oct.Data unverified
→Howell (Paducah)	4 WNW;RR S	371	20 S6	80 oct.All appchs blocked.
→Mayfield-Graves County	See Graves County under "New Airports"-name changed.			

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
KENTUCKY				
PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L1 S6	80, 91 Oct.No Sto.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct.Data unver
MISSISSIPPI				
(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct.
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct
(P)Oxford	8 S,riv N,W	400	30 S2	73 Oct.
MISSOURI				
* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW,RR S	340	28 S6	80, 91 Oct. 8' dike S.
Charleston	1 ESE,RR NW	300	31 S2	80 Oct. Poles S
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW,hwy E	340	20h S6	80, 91 Oct
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W.Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED
TENNESSEE				
(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE,hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N,hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct.No Sto.Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct.Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct JP-1.Radio required.Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11 SE;RR 3 NW	286	35 L4 S6	80,91 Oct.Pole line S No bcn-Lgts prior req.Rnwy and lgtg data unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0 6 NNW,RR E	494	30 L3	
NEW AIRPORTS				
Graves Co.(Mayfield,Ky.)	3.6 ENE;hwy S	543	26 S1	80 oct.

h hard surfaced runways R radio facilities L lighting facilities S servicing (See page 1x) NC-(not charted) → NEW OR REVISED DATA

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. -)	FM, 358°, 28	Birmingham

KENTUCKY

BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)

TENNESSEE

BERRY (Nashville)	278(118.3,126.18)	AC (ILS),246°,2.6	(4);126.18,118.3,122.5
CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3); 116.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 28	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18) +	CA (ILS)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY (W)	109.9		14° Mag.	IM-	MM- (0.81)	OM- (4.17)
					MMK-	OMK-
→ SMYRNA AAF (W) (A)	109.5	335	230° Mag.	IM- (0.04)	MM- ·····(0.81)	OM- --(4.31)
					MMK-	OMK-

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3) 3105 4495 6210 kcs (4) 3105 4495 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice →—Army A C S transmits on and guards 116.1 137.88, 140.58 mcs

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct. SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	18 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N)Russell OLF (Rome)(N)	7 N;hwy W	644	45h	

KENTUCKY

(P)Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	80,91 oct. Fld lgts on req to commun stn.
Somerset	5 N; RR W		20 S2	80 oct. Data unverified.

TENNESSEE

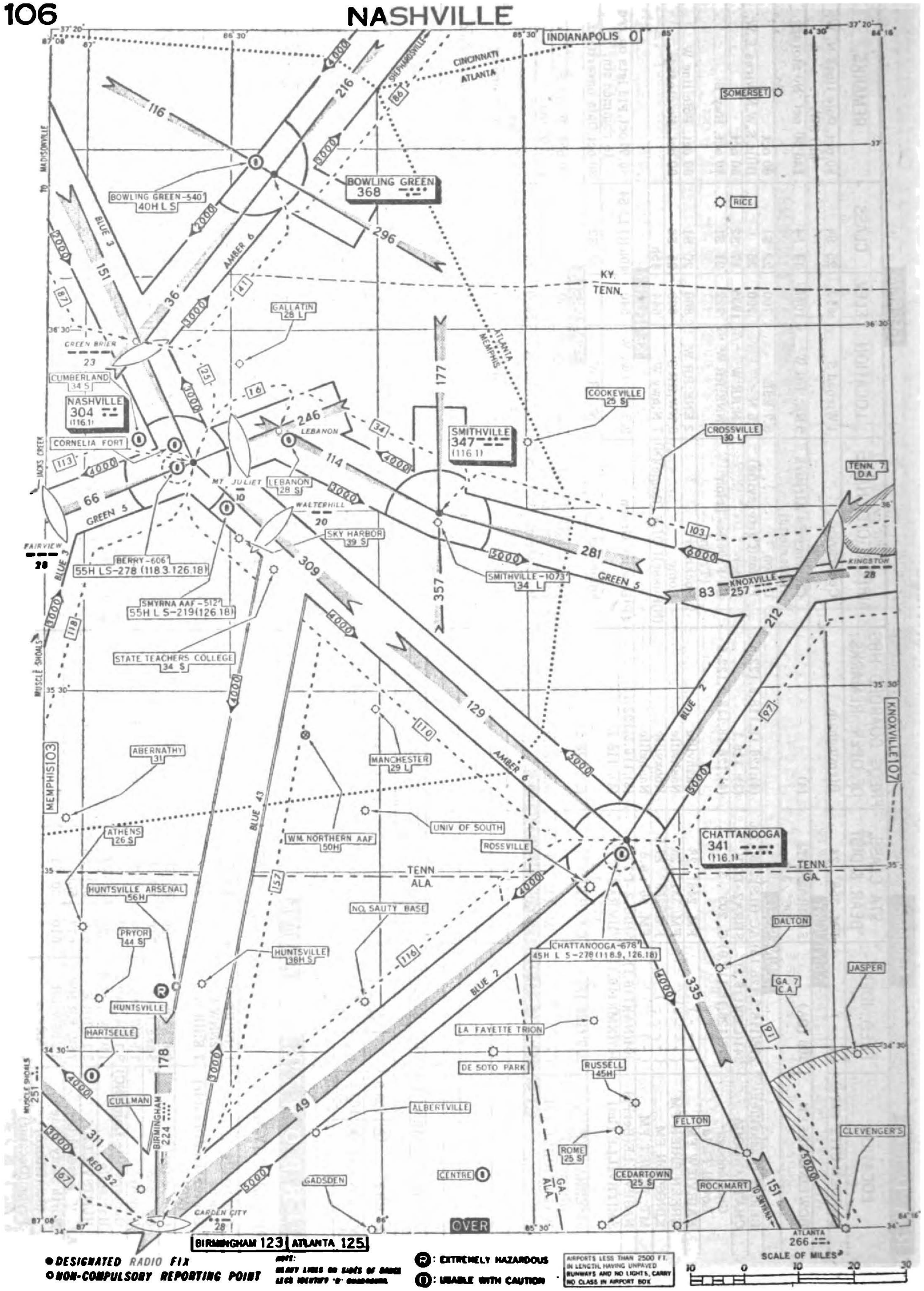
(P)Abernathy(Pulaski)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
(P)BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
* Gallatin Int,66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3 S1	80 oct.
(A)Smyrna AAF → (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S3	73,91,100 oct. JP-1. No rng.
State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct. No storage. Poles N.
University of South (Cowan)	1.8 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.

NEW AIRPORTS

→ DeSoto Park Landing Strip (Ft. Payne, Ala.)	6 NE	1556	18	
→ Rossville, (Ga.)	2.1 SSW;hwy E	760	21 S1	80 oct. S blocked.
→ Rice (Monticello,Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W. Mtns E

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page ix) NC-(not charted) → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS
CINCINNATI
ATLANTA
SHELBYVILLE
SOMERSET
RICE
BOWLING GREEN
368
BOWLING GREEN-540
40H L S
BLUE 3
AMBER 6
116
216
296
151
KY.
TENN.
GALLATIN
28 L
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
CORNELIA FORT
MADISONVILLE
JACKS CREEK
FAIRVIEW
28
BERRY-606
55H LS-278 (118.3 126.18)
SMYRNA AAF-512
55H L S-219(126.18)
STATE TEACHERS COLLEGE
34 S
MT. JULIET
LEBANON
28 S
WALTERHILL
20
SKY HARBOR
39 S
LEBANON
SMITHVILLE
347
(116.1)
SMITHVILLE-1073
34 L
ATLANTA
MEMPHIS
177
357
309
281
114
246
COOKEVILLE
25 S
CROSSVILLE
30 L
TENN. 7
D A
KINGSTON
28
KNOXVILLE
257
83
212
103
GREEN 5
ABERNATHY
31
ATHENS
26 S
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
HUNTSVILLE
HARTSELLE
MEMPHIS 103
MUSCLE SHOALS
251
CULLMAN
BIRMINGHAM
224
311
178
BLUE 43
MANCHESTER
29 L
WM. NORTHERN AAF
50H
UNIV OF SOUTH
NO. SAUTY BASE
TENN
ALA.
ROSSVILLE
CHATTANOOGA
341
(116.1)
TENN.
GA.
CHATTANOOGA-678
45H L S-278 (118.9, 126.18)
DALTON
GA 7
C A
JASPER
KNOXVILLE 107
LA FAYETTE TRION
DE SOTO PARK
RUSSELL
45H
ALBERTVILLE
ROME
25 S
FELTON
CLEVENGER'S
CEDARTOWN
25 S
ROCKMART
GADSDEN
CENTRE
GA
ALA
CARDEN CITY
28
OVER
BIRMINGHAM 123
ATLANTA 125
ATLANTA
266
SCALE OF MILES
10 0 10 20 30
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON EDGE OF BASIC
LESS DENSITY "D" CHARGEABLE
Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT.
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS, CARRY
NO CLASS IN AIRPORT BOX

KNOXVILLE

ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA

COLUMBUS 71

TO CINCINNATI

TO CHARLESTON

PAYNESVILLE 356

JODY 25 S

RICHLANDS

POWELL VALLEY 25 S

MIDDLESBORO

RED 27

BLUE 39

155

235

192

245

BRISTOL

CHILHOWIE 43

CHILHOWIE 34 L S

TRI-CITY-1518' 45H L S

TRI-CITY 221 (116.1)

MORRISTOWN

65

243

GREEN 5

101

335

W. JEFFERSON

CHARLOTTE 110

TENN. 7 DA

ISLAND 35 S

PIEDMONT 28

103

83

TENN. N. CAR.

MORGANTON

MICAVILLE

KNOXVILLE-988' 50H L S-278 (118.7, 126.18) 278 KC. LOW POWERED RANGE ON REQ.

KNOXVILLE 257 (116.1)

BLACK MT.

FRANCIS MARION

MORGANTON-LENOIR

JOSEPHSON

OWENS

TALLASSEE 23

SYLVA 25

ASHEVILLE-HENDERSONVILLE 40 H L S

RUTHERFORD

HYERS

NASHVILLE 106

HENDERSONVILLE 30 S

FRANKLIN

H AND H FLY. SVC.

GREENVILLE 281 (116.1)

FAIRFOREST

148

182

238

PARIS MT.

GREENVILLE-1015' 42H L S

LE TOURNEAU 30 L S

92

272

MEMORIAL-804' 44H L S-317 (118.7, (126.18))

GREENVILLE AAB-942' 55H L S-272 (126.18)

SPARTANBURG 248

328

GA. 7 CA

GAINESVILLE 40 H S

CRAWFORD W. LONG 27 S

WINDER 30 L

ALLEN

ELBERTON

ATLANTA 266

GREEN 6

235

ANDERSON 236 (116.1)

ANDERSON-783' 50H L S

BARKSDALL 30 S

CORONACA AAF 50H

BENTLEY

GREENWOOD

114

131

58

ATLANTA 125 | CHARLESTON 131

OVER

● DESIGNATED RADIO FIX TO BOLD STRIKE

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "B" QUADRANTS.

AIRPORTS LESS THAN 3500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SIZE.

SCALE OF MILES

10 0 10 20 30

COMMUNICATIONS

SOUTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON	236(AS)(116.1)	MHVT	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 02°, 1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°, 1.6	(4);118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248(SU)(116.1)	SBRAZ-DTV	(3);116.1,122.1

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS): 192°, 2.6	(4); 118.7, 126.18, 122.5
Knoxville Airport	278	(Low powered range)	(4) (on req.)
PIEDMONT FM	(- -)	FM, 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-VDT, 252°, 3.3	(4), 116.1

VIRGINIA

CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KNOXVILLE, TENN.	110.3	335	40°Mag.	IM-	MM- ·-·- (0.6)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
★ Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

→ Jody (London)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
→ Middlesboro	1.2 W,hwy S	1150	23 S6	80,91 oct.P-line W.Mtns surround fld.

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1986	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.
H&H Flying Service (Brevard)	1.5 ENE;Riv S RR N	2140	20 S1	80 oct. P-Line WNW
Micaville	1 S, RR W	2500	21	N, S blocked
Owens (Asheville)	2.3 SSW; RR E	1988	25 S6	80,91 oct
[redacted]				
Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts.Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct.No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(N)(P) MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military NATS
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

★ Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.
Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified

CHARLOTTE

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-VDT,359°, 1.7	(3), 116.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SERAZ-VDT	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5.
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3); 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS);355°, 2.3	(3); 116.1,126.18
→ RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-VDT(ILS) 299°, 3.8	(4);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ,328°, 5.1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116.1)	SBMRLZ-VDT, 292°,1.7	(4);116.1,122.1

VIRGINIA

DANVILLE	344(VE)	MHW	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	317(RO)(116.1)	SBRAZ-VDT, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

→ RALEIGH-DURHAM (Raleigh),N.C.	(126.18)	C	3105.6210,3117.5;126.18, 122.5 (8-18)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ POPE(A)	110.3 (W)	335	360° Mag.	IM- (0.04)	MM- ····· (4.00)	OM- (4.18)
				MMK-		OMK-
→ RALEIGH,	109.5	333.8	500 Mac.	IM-	MM- -·-· (0.62)	OM- ·· (4.5)
				MMK-		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct, Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	28	
(P)Burlington	4 SW,hwy W	638	28 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	708	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE,RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct. Flare pots prior
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE. req.
Colonial Flying Svc, (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S2	80 oct.Pole line NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 13) NC-(not charted). → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto.Poles NW
(A)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S5	80,91 oct;ltd $1 oct Army.
Durham Airways	7.8 N,RR E	480	15 S4	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
Fairchild-Civil (Burlington)	1.5 E,RR S	640	35h	
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
→ Gastonia	1.3 SW			ABANDONED
→ Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct,NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct, Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	433	45h R3 L6 S4	80,91,100 oct. No twr.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR W	600	2[illegible] S2	80 oct. F.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

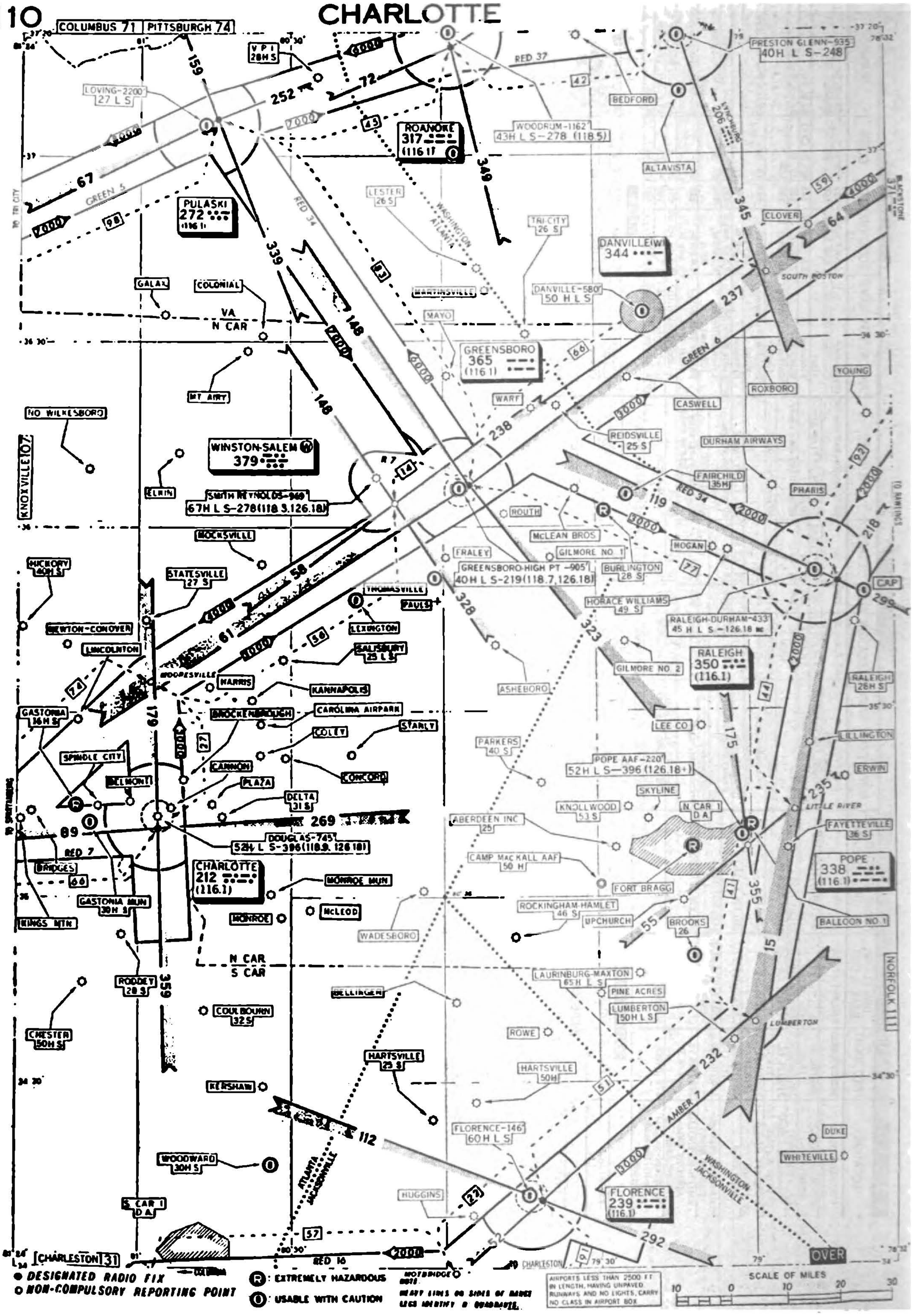
SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct, No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.

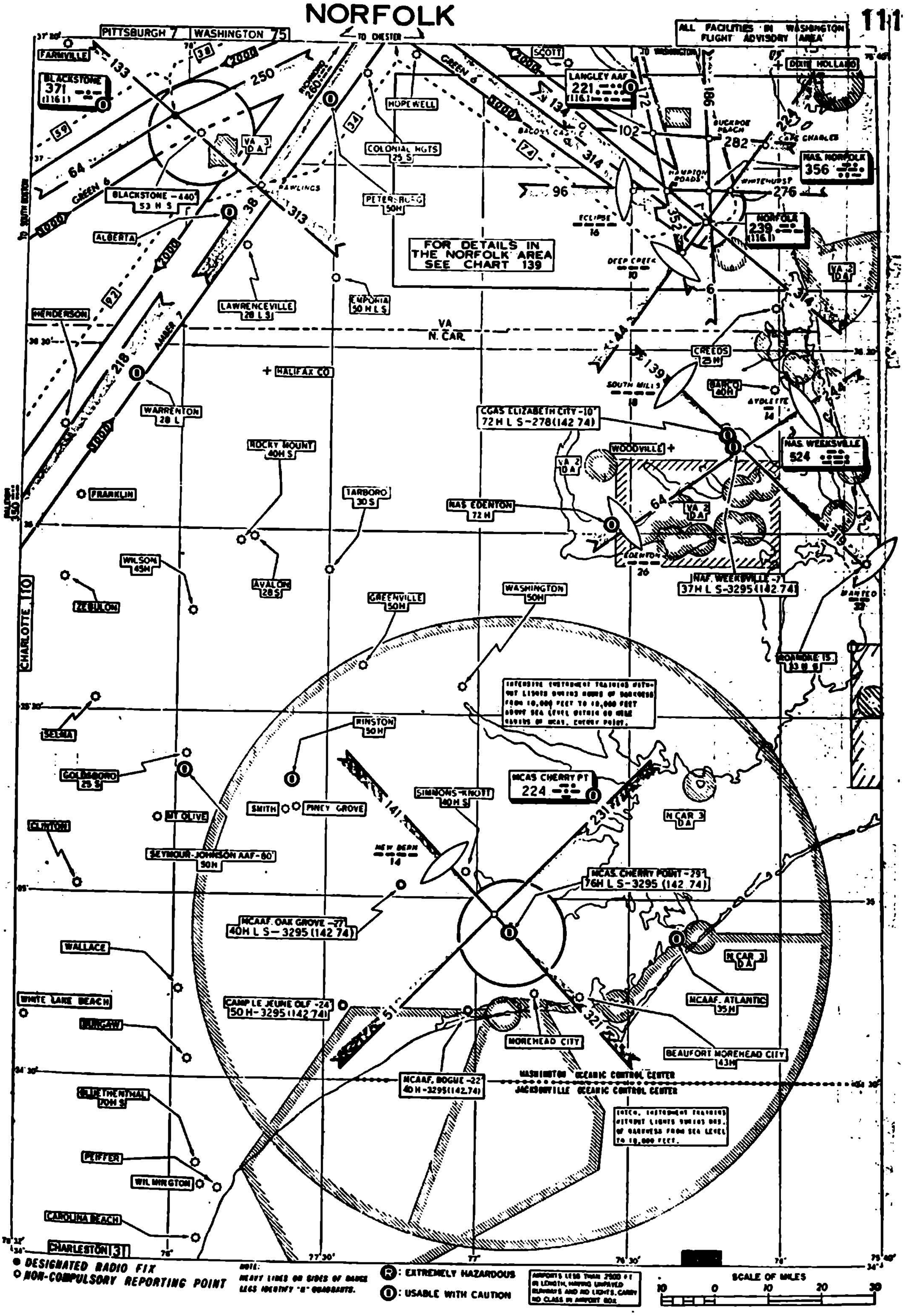
VIRGINIA

Altavista	6.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 30-75' bldgs SE.
Loving, 35A. NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct, Strip rough. 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct, Rd W.
Duke Fld (Chadbourn) (N.C)	1 N; RR SW	96	20 S4	80 oct.
Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	
Mc Leod (Wingate)(N.C)	1.5 SE; RP N	565	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N.C.)	6 SE		27 S2	80,91 oct Data unver.
Cap (Raleigh,N.C.)	2.7 NNE; bet RR,hwy		36 S6	80,91 oct.High trees S, SW appchs.

CHARLOTTE


COLUMBUS 71
PITTSBURGH 74
VPI 28H S
LOVING-2200 27 L S
ROANOKE 317 (116 11)
WOODRUM-1162 43H L S-278 (118.5)
BEDFORD
PRESTON GLENN-935 40H L S-248
ALTAVISTA
PULASKI 272 (116 11)
LESTER 26 S
TRI-CITY 26 S
DANVILLE(W) 344
CLOVER
SOUTH BOSTON
DANVILLE-580 50 H L S
GALAX
COLONIAL
VA
N CAR
MT AIRY
MARTINSVILLE
MAYO
GREENSBORO 365 (116 1)
WARF
ROXBORO
YOUNG
CASWELL
NO WILKESBORO
WINSTON-SALEM 379
ELKIN
SMITH REYNOLDS-969 67H L S-278(118 3,126.18)
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
ROUTH
McLEAN BROS
FRALEY
GILMORE NO 1
GREENSBORO-HIGH PT -905 40H L S-219(118.7,126.18)
BURLINGTON 28 S
HOGAN
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-433 45 H L S-126.18
ROCKSVILLE
HICKORY 40H S
STATESVILLE 27 S
THOMASVILLE
PAULS
LEXINGTON
NEWTON-CONOVER
LINCOLNTON
SALISBURY 25 S
WOODRESVILLE
HARRIS
KANNAPOLIS
GASTONIA 16H S
BROCKENBROUGH
CAROLINA AIRPARK
COLEY
STANLY
CONCORD
SPINDLE CITY
BELMONT
CANNON
PLAZA
DELTA 31 S
DOUGLAS-745 52H L S-396(118.9, 126.18)
CHARLOTTE 212 (116.1)
MONROE MUN
MONROE
McLEOD
BRIDGES
GASTONIA MUN 30H S
KINGS MTN
RED 7
RED 34
RED 16
WADESBORO
ASHEBORO
GILMORE NO 2
RALEIGH 28H S
LILLINGTON
ERWIN
PARKERS 40 S
POPE AAF-220 52H L S-396 (126.18+)
SKYLINE
KNOLLWOOD 53 S
N CAR 1 DA
ABERDEEN INC 25
FAYETTEVILLE 36 S
CAMP MACKALL AAF 50 H
FORT BRAGG
POPE 338 (116.1)
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
BALLOON NO 1
LAURINBURG-MAXTON 65H L S
PINE ACRES
LUMBERTON 150H L S
LUMBERTON
ROWE
BELLINGER
CHESTER 150H S
COURTHOUSE 32 S
RODDEY 28 S
HARTSVILLE 23 S
HARTSVILLE 50H
KERSHAW
FLORENCE-146 60 H L S
WOODWARD 30H S
DUKE
WHITEVILLE
FLORENCE 239 (116.1)
HUGGINS
S CAR 1 DA
CHARLESTON 31
CHARLESTON
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

NORFOLK


PITTSBURGH 7
WASHINGTON 75
TO CHESTER
ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
FARMVILLE
BLACKSTONE 371 (116.1)
BLACKSTONE -440' 53 H S
ALBERTA
HENDERSON
WARRENTON 28 L
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HOPEWELL
COLONIAL HGTS 25 S
PETERSBURG 50H
FOR DETAILS IN THE NORFOLK AREA SEE CHART 139
SCOTT
LANGLEY AAF 221 (116.1)
DIXIE HOLLAND
BUCKROE BEACH
282
LAKE CHARLES
NAS NORFOLK 356
HAMPTON ROADS
WHITEHURST
276
NORFOLK 239 (116.1)
ECLIPSE 16
DEEP CREEK 10
HALIFAX CO
VA
N. CAR.
ROCKY MOUNT 40H S
FRANKLIN
TARBORO 30 S
NAS EDENTON 72 H
EDENTON 26
WILSON 45H
AVALON 28 S
ZEBULON
GREENVILLE 50H
WASHINGTON 50H
CREEDS 25 H
SOUTH MILLS 18
ELIZABETH CITY 40H
AYDLETTE 14
CGAS ELIZABETH CITY -10' 72 H L S-278 (142.74)
WOODVILLE
NAS WEEKSVILLE 524
NAF WEEKSVILLE -7 37 H L S-3295 (142.74)
ROANOKE RPTS
SELMA
GOLDSBORO 25 S
RINSTON 50 H
SMITH
PINEY GROVE
MT OLIVE
CLINTON
SEYMOUR-JOHNSON AAF-60' 50 H
SIMMONS-KNOTT 40 H S
NEW BERN 14
MCAS CHERRY PT 224
MCAS CHERRY POINT -29' 76H L S-3295 (142.74)
N CAR 3 DA
MCAAF OAK GROVE -27' 40H L S-3295 (142.74)
WALLACE
WHITE LAKE BEACH
BUNGAW
CAMP LE JEUNE OLF -24' 50 H-3295 (142.74)
MCAAF ATLANTIC 35H
MOREHEAD CITY
BEAUFORT MOREHEAD CITY 43H
MCAAF BOGUE -22' 40 H-3295 (142.74)
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
ELIZABETHTOWN 70H S
PERFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 31
CHARLOTTE 110
AMBER 7
V 139
V 44
V 64
GREEN 6
GREEN 7
R 5000
R 4000
R 3000
R 2000
R 1000
MOA
MOA
MOA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
ROGUE MCAS	3295(142.74)	CN	(8-16 Mon-Fri)
CAMP LEJEUNE OLF(NewRiv.)	3295(142.74)	CN	3105,4495;142.74(8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Polloksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324(NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
MANTEO FM (Navy)	(- -)	FM, 138°,32	Weeksville NAF
BLACKSTONE	371 (NT)(116.1)	BMRLZ-VDT,133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
LANGLEY FIELD (Army)	224(LXY)(116.1)	SBMRAPZ-VDT,102°,3.8	(3); 116.1
NORFOLK	230 (NWX)(116.1)	SBMRLZ-DTV,44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°,2.9	

S-Simul. Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs.
(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers on Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req. (Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct. Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	1.8 NNW	25	50h	
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct. Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct. No sto. Pole lines S. Rnwy data not verified.
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct. Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
* Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct. No sto. Pole line S, SW. Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW,rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
Morehead City	5WNW;RR N	15	23 S4	80 oct. No sto
Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston)	3.7 SW; riv N,W	40	26 S4	80 oct. P-line ENE.
White Lake Beach	0.2 NW; lake S	75	18 S4	80 oct. No sto. (White Lake)
Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct. N & E blocked.

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5 S4	80,91 oct. Rnwy lgts on req. ARMY TMP.
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW, (NC) INACT;CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
→ Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
→ Petersburg	6.2 WSW,RR N	190	50h	CLOSED
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)
Dixie Holland (Cape Charles)	1.5 ENE;hwy S		22 S1	80 oct. Unverified.
Farmville	2.5 NW,riv N	325	20 S6	80 oct. Hill W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

CORPUS CHRISTI

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ALICE	225(RZ)	SBAR, 72°, 7.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRAZ-VDT, 157°, 2.:	(3);116.1
CABANISS NAAS.(Corpus Christi)	(142.74)	CH	3105;142.74(during flight opers.)
CLIFF NAUS (Corpus Christi)	278(118.3)	C	(3);[illegible]9.1,126.1[illegible],122,5[illegible]
CORPUS CHRISTI (Cliff Naus Field)	382(CR)(116.1)	SBRPL2-VDT, 138°, 2.9	(3);116.1
Corpus Christi (Navy)	246 (NGP)	RL2	(3);142.74
Corpus Christi NAS	246 (142.74)	CH(OCA);350°, 3.2	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CH	3105;6210;142.74
CUDLIHY NAAS (Corpus Christi)			DECOMMISSIONED
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.1[illegible], 114.7)	C(ILS)	(4);11[illegible].7,126.1[illegible],128.3 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-VDT, 157°, .1	(4);116.1,122.1
LOS FRESNOS FM	(-)	FM, 352°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 24[illegible]°, 29.5	Brownsville
PALACIOS	350(LX)	RBN: 11[illegible], 1.6	
PLEASANTON FM	(- - -)	FM, 276°, 46.2	San Antonio
ROCD NAAS (Corpus Christi)	(142.74)	CK	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (localizer and G.P. in mcs. compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER INFST - MILEAGE (PLUS COMPASS LOCATORS)			
INTER-NATIONAL	110.3 ---- (W)	335	170° Mag.	IM	OM ---(0.66)	MM	OM ---(4.24)
				LOM		OMK	

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	46h L5 S6	80,91 oct.
(A) Alice AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NA	552	22 S1	80 oct.Poles N;trees sur fld.
* Austwell Int.9L,CR-MU	2.1 SSW;bay NE	23	32 L2	Fence Grows fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	7	24 S1	80 oct.Data not verified.
(M) Cabaniss NAAS (Corpus Christi)(M)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(M) Chase NAAS (Beeville)(M)	5.6 ESE;rd N	186	46h	INACTIVE.
Chupadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
CLIFF NAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(M) Corpus Christi NAS (M)	9.5 SE	19	58h R2 L5 S6	91,100 oct.HATs.
(M) " OLP #10 (M)	15 S	19	45h	11 SSW Aberdeen.
(M) " OLP #11 (M)	16 SSW	29	34h	14 SSW Aberdeen.
(M) " OLP #25 (M)	23.5 SSW	46	17h	12.5 ESE Bishop.
(M) " OLP #4) (M)	16 SSE	29	20h	11.8 ESE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
Cuddihy (Corpus Christi)	2.8 SW;crk S	39	50h S6	80,91 oct.
Central Valley(Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct.Data unverified.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page IX) (NC)-Not charted. → NEW OR REVISED DATA

AIRPORT – CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Springs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strm.
Eagle Pass	10 N;RR E	878	59h	
" mun.	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (NC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen, com.	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen	5 NW;RR SW	40	13	Pole line S.
" mun.	3.5 NE;rd S	35	60h L4 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy W	22	50h R3 L6 S6	80-100 oct.ARPT OF ENTRY. 100 oct army
Keller (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
* Kingsville Int.13,31-FV	3.5 S;RR W	58	26 L3	
(M) " NAAS (North) (M)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Loja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W.S.
LAREDO	3.5 NE;hwy NNE	512	61h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W.
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner AMP INACT NC
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	PACS.
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
(A) Moore (Mission) (A)	12 N;RR E	219	50h	CLOSED
" #1 (Mission)	10 N Edinburg	80	40h	
(A) " #3 (Mission)(A)	5 N LaGrulla	300	30h	CLOSED
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
* Palmeo Int,22,JI-FV	5 WNW;RR W	368	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
* Raymondville Int.5,JI-FV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(M) Rodd NAAS (Corpus Christi)(M)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr NW.
San Benito,2,JI-FV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Sharp (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
→ Stockton (Falfurrias)	2 NW;RR E			ABANDONED
Tanner Sea & Land Plane Base (Port Lavaca)	1 S;hwy S	12	32 S1	80 oct.Pwr line sur fld.
Traylend (Beeville)	2 NW;RR E	225	19 S2	80 oct.Poles E.
→ Victoria	5.5 N;hwy SW			ABANDONED
(M) Waldron NAAS (Corpus Christi) (M)	12 SSE;hwy NNE	25	40h	INACTIVE.
Waiamna (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,E.
Worcser (Laredo)	4 SE;hwy W	440	76	
Worthan (Taft)	0.8 NNE;hwy NW	54	35 S6	80 oct.
(P) Port Isabel	10 NW	12	45h	

SAN ANTONIO 115 | HOUSTON 118

EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
POTEET
PLEASANTON
KENEDY
ALOE AAF
PAWNEE
ALOE No. 10
FOSTER No. 4
FOSTER
EDGERTON
EDNA
HOUSTON 332
TO ARCOLA
OLD OCEAN
LAKE JACKSON
BRAZOSPORT
BAY CITY
PALACIOS
PALACIOS (W) 350
TANNER
TRAVLAND
NAAS. CHASE
ROOKE
AUSTWELL
MATAGORDA PENINSULA
MATAGORDA IS. BOMBING AND GUNNERY RANGE
ROCKPORT
ALICE (W) 224
ALICE
CORPUS CHRISTI 382 (116.1)
D.A.
C.A.
WEISMAN
OLF No. 25
NAAS. KINGSVILLE (NORTH)
KINGSVILLE
LAREDO 206 (116.1)
LAREDO
WORMSER
TEXAS
MEXICO
RAYMONDVILLE
FOX
MOORE No. 1
MOORE
MOORE No. 3
COMMERCIAL
ELSA
HARLINGEN
HARLINGEN MUN.
HARLINGEN COM.
PORT ISABEL
SAN BENITO
LOS FRESNOS
SHARY
KAHLER
MAGIC VALLEY
MCALLEN
MID-VALLEY
MERCEDES
MAULDIN
CENTRAL VALLEY
BROWNSVILLE 388 (116.1)
INTERNATIONAL 278 RC 118.7, 126.18 MC

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA

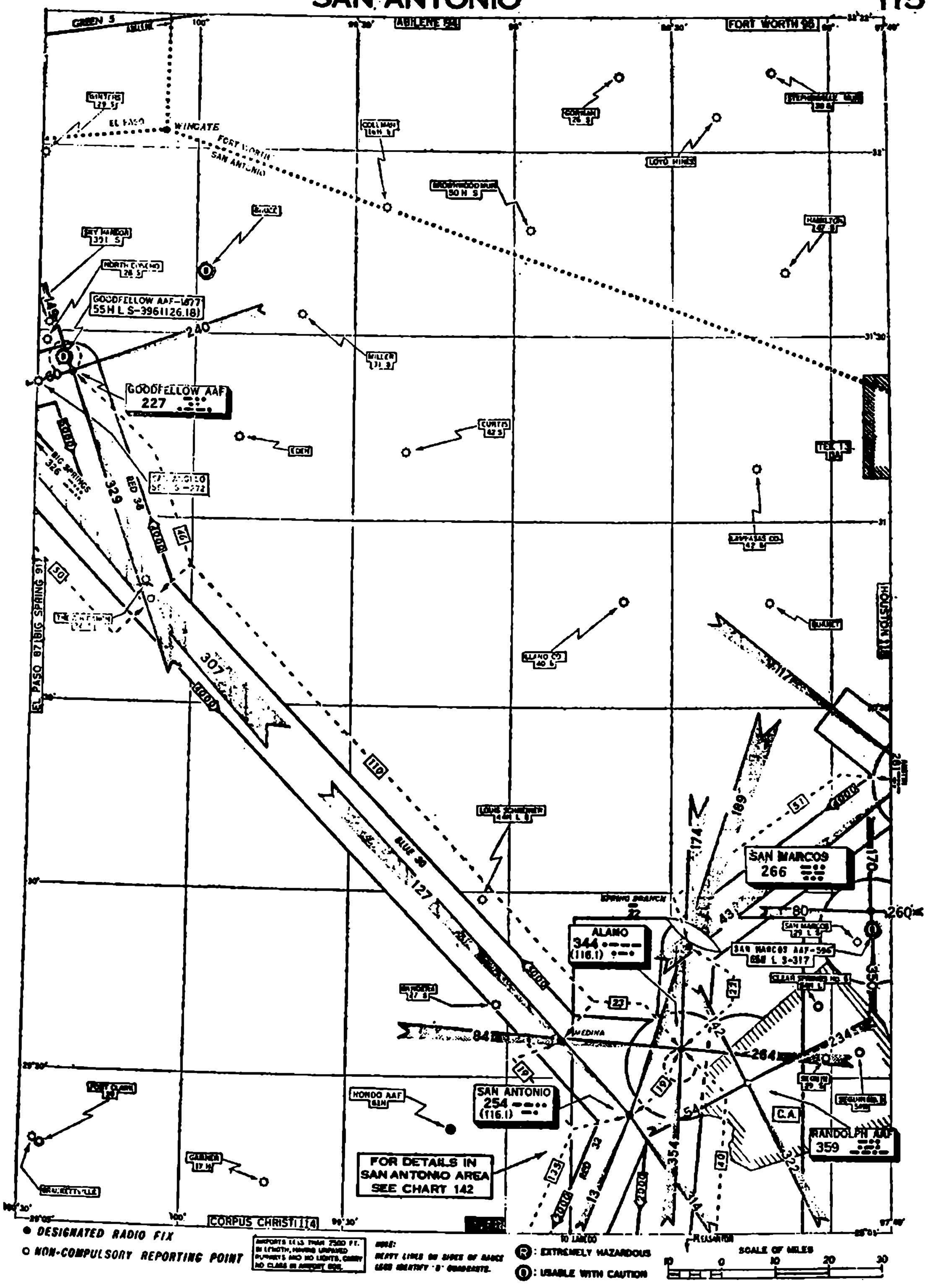
CORPUS CHRISTI AREA

COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 (116.1)
HUNT
GREGORY
NAS. CORPUS CHRISTI 248
CLIFF MAUS 278 RC 118.3 MC
NAS. CORPUS CHRISTI 248 RC 142.74 MC
NAS. CORPUS CHRISTI (SEAPLANE) 2870 RC 142.74 MC
NAAS. CABANISS 142.74 MC
NAAS. RODD 142.74 MC
CUDDIHY
NAAS WALDRON
OLF No. 10
OLF No. 11
OLF No. 41
C.A.
D.A.
GREEN 6
SCALE OF MILES

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ ENTIRELY HAZARDOUS Ⓣ ENABLE WITH CAUTION

OVER


GREEN 5
ABILENE
ABILENE 93
FORT WORTH 95
GUYMON
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
COLLMAN
LOVE HINES
BROWNWOOD
HAMILTON
GOODFELLOW AAF-1877
55 H L S-3961126.18)
240
GOODFELLOW AAF
227
MILLER
CURTIS
EDEN
BIG SPRINGS
326
329
RED 38
GREEN
46
50
116
EL PASO 87
BIG SPRING
307
110
BLUE 99
127
ALAMO
344
(116.1)
SAN MARCOS
266
80
260
SAN MARCOS AAF-595
GSM L 3-317
GUADALUPE
ALAMO
AMEDINA
234
264
HONDO AAF
SAN ANTONIO
254
(116.1)
FOR DETAILS IN
SAN ANTONIO AREA
SEE CHART 142
RANDOLPH AAF
359
CORPUS CHRISTI 114
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
0
10
20
30

RADIO

LOCATION	*FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT.	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 9117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
(A) Hondo AAF (A)	2.1 NW;RR S	929	61h	CLOSED
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
(P) SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). → NEW OR REVISED DATA

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 218°, 15	Houston
➔ AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 1.8	(3);116.1,122.1
BERGSTROM (Austin)	396(126.18)+	CA	(4); 126.18
➔ ELLINGTON (Houston)	219+	CA	4495.126.18(Reserve flying only)
HOUSTON (NC)	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4):118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
NAVASOTA (Int.)	212(NT)	MRLW ;180°,1.4	
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
➔ WACO (Mun.)	385(WC)(116.1,111.1)	SBRAZ-DTV;9°,2.6	(4);116.1,122.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 127.65, 148.58 mcs.

AIRPORTS — TEXAS

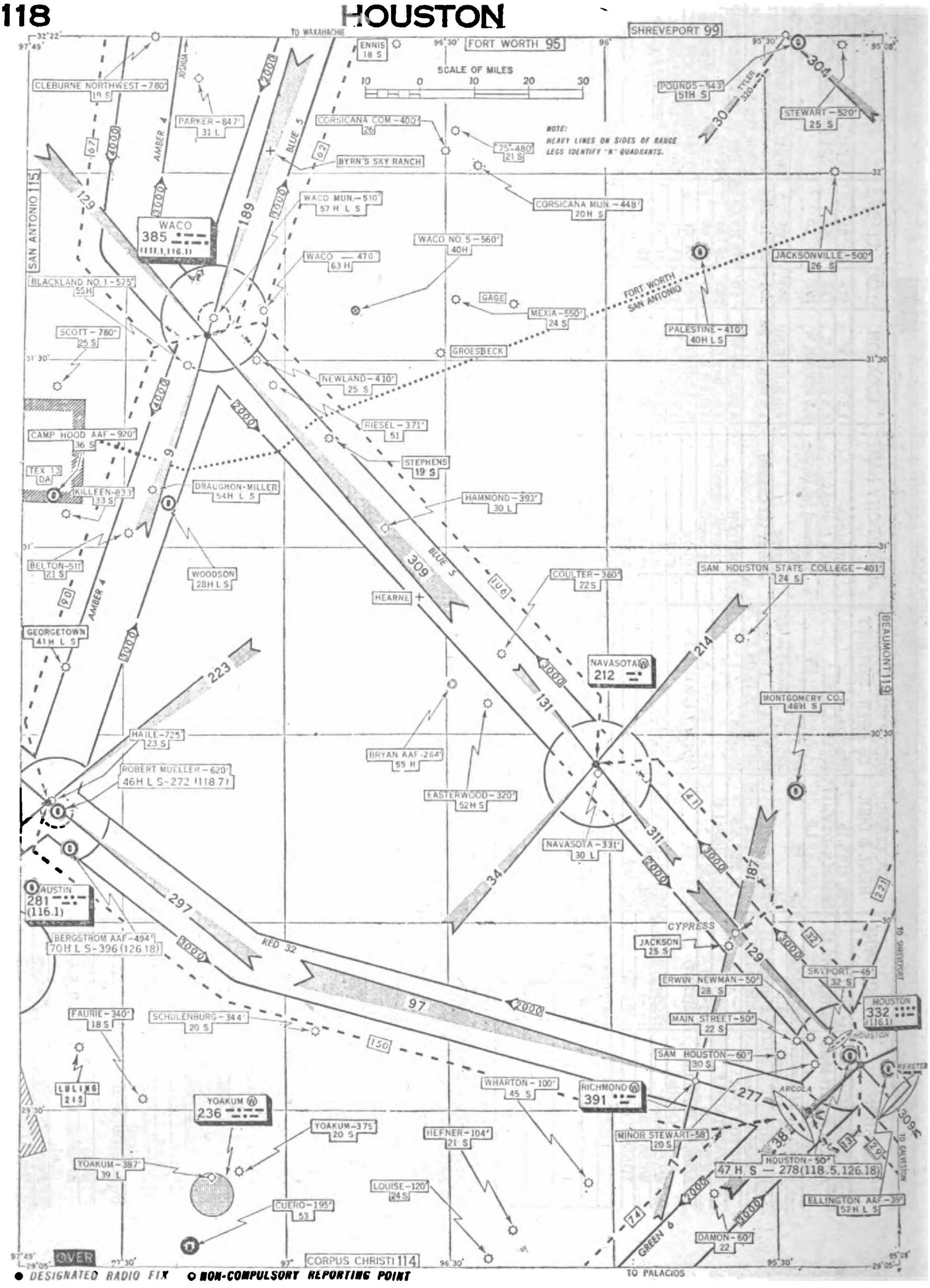
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE,
Blackland #1 (Waco)	11 WSW;RR S	575	55h	NW.
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36 S1	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence SW
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington(Houston)(A)	15 SE;RR W	39	52h L5 S1	100 oct.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman(Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct. unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 1X) NC-(not charted). ➔ NEW OR REVISED DATA

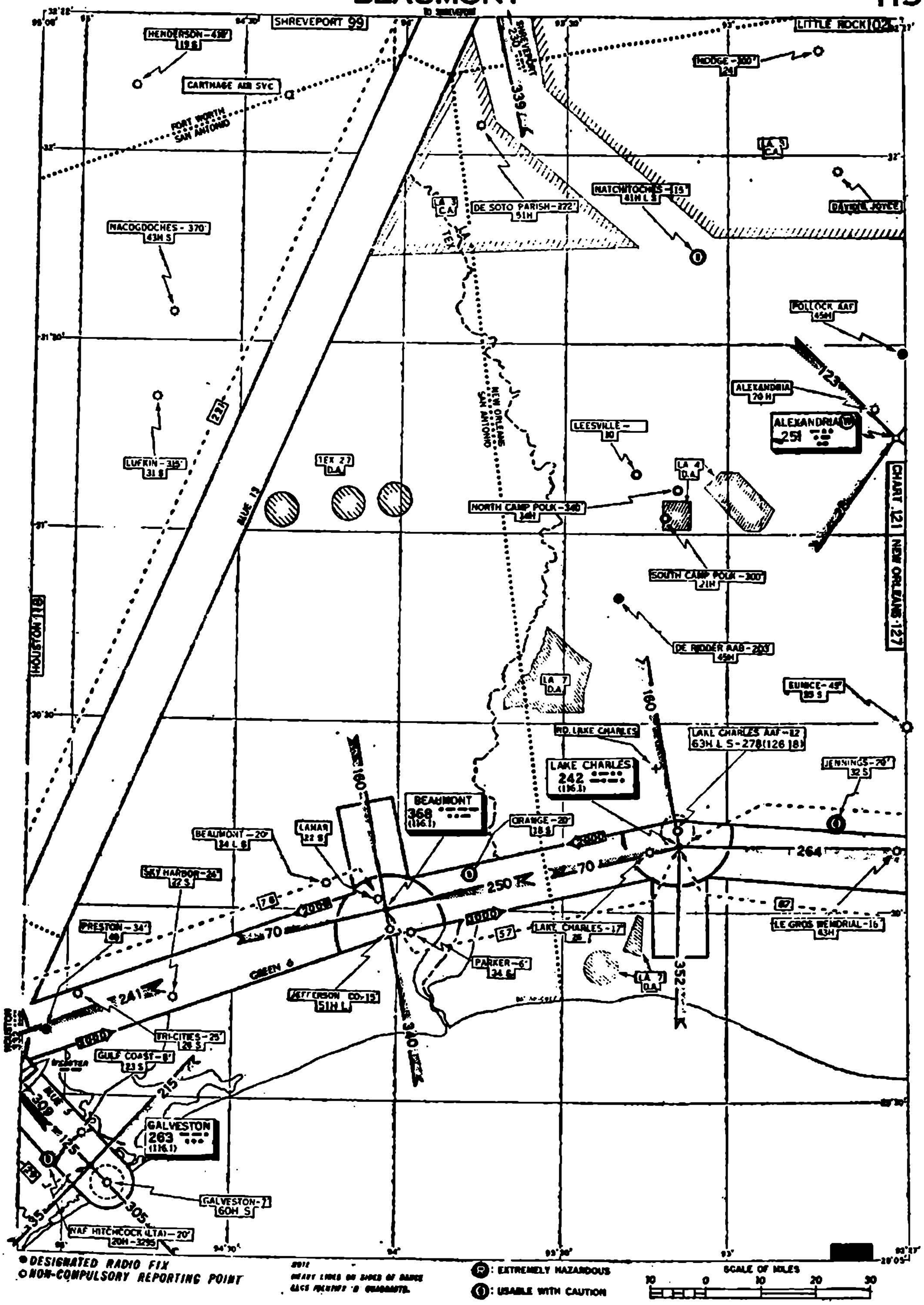
TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
✱ Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
(N) HOUSTON	9 SSE;hwy W	50	47h R2 L6 S6	73,80,91 oct; 100 oct. mil, NATS
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
✱ Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
✱ Parker Int,48,JI-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
➔ ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct; 100 oct Army
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
Temple	See Draughon-Miller under "New Airports"- name changed			
Temple,40,JI-FV	See Woodson under "New Airports"- name changed			
Waco	7 NNE;bet RRs	470	63h	ARMY TEMP INACT.
(A) WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S4	80,91,100 oct.CIVIL FACS.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
★ Yoakum Int,7,JR-HU	5 NW;hwy S	387	39 L3	
NEW AIRPORTS				
(P) Draughon-Miller (Temple,Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct.No flood lgts,Ctc lgts on req.
Woodson,(Temple,Tex.)	2 NNW;hwy SW	763	28h L3 S4	80 oct.

HOUSTON



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT


SHREVEPORT 99
HENDERSON – 49'
112 S
CARTHAGE AIR SVC
FORT WORTH SAN ANTONIO
SHREVEPORT 230
339
LITTLE ROCK 025
HODGE – 300'
24I
LA 3 CA
NATCHITOCHES – 19'
41H L S
DE SOTO PARISH – 272'
91H
LA 3 CA
TEX
NACOGDOCHES – 370'
43H S
LUFKIN – 315'
31 S
231
TEX 27 D.A
BLUE 13
NEW ORLEANS SAN ANTONIO
LEESVILLE –
10
LA 4 D.A
NORTH CAMP POLK – 340'
34H
SOUTH CAMP POLK – 300'
21H
POLLOCK AAF
45H
123
ALEXANDRIA
20 H
ALEXANDRIA
251
CHART 121 NEW ORLEANS 127
HOUSTON 118
LA 7 D.A
DE RIDDER AAB – 200'
45H
EUNICE – 45'
35 S
160
MD LAKE CHARLES
LAKE CHARLES AAF – 12
63H L S – 278 (126 18)
LAKE CHARLES
242
(116.1)
JENNINGS – 20'
32 S
BEAUMONT
368
(116.1)
LAMAR
22 S
BEAUMONT – 20'
24 L S
ORANGE – 20'
38 S
SKY HARBOR – 26'
22 S
250 K
70
264
PRESTON – 34'
69
LAKE CHARLES – 17'
25
LE GROS MEMORIAL – 16'
43H
PARKER – 6'
24 S
GREEN 6
241
JEFFERSON CO – 15'
51H L
352 K
TRI-CITIES – 25'
29 S
GULF COAST – 8'
23 S
215
309
GALVESTON
263
(116.1)
GALVESTON – 7'
60H S
NAF HITCHCOCK (LTA) – 20'
20H – 3295
305
35
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

RADIO

LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)

TEXAS

BEAUMONT (Jefferson County)	**368(JU)(116.1)**	**BMRLZ-DTV,160°, 3.7**	(4); 116.1
GALVESTON	**263(GS)(116.1)**	**SBMRLZ-DTV, 125°,4.2**	**(4); 116.1**
HITCHCOCK NAF-LTA	**3295**	**CN**	**3105,6390** (days)
WEBSTER FM	**(- -)**	**FM, 129°, 9.3**	**Houston**

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

'S-Simul. Range and Voice. W-Without Voice. 2-VHF Range Station Location Marker. (3) 3105 4495, 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALEXANDRIA	5.5 W;riv 2 N	88	70h L	Rnwys lgtd.
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(P) De Ridder	3.5 WSW;RR S	203	45h	
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A) LAKE CHARLES AAF (A)	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. JP-1. No sto.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Natchitoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	

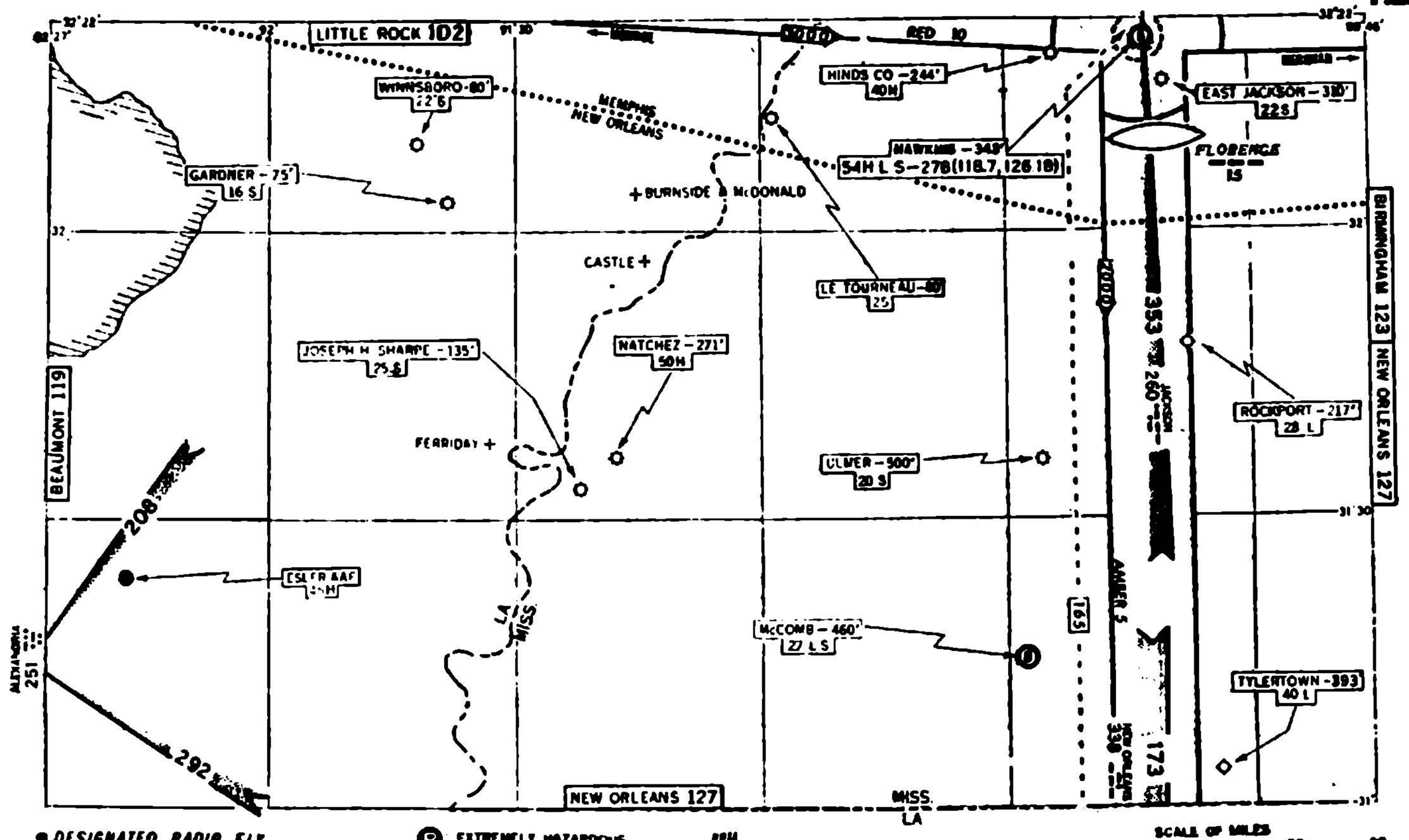
TEXAS

Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto.Pole line N, S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nacogdoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston)(A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.

NEW AIRPORTS

David G. Joyce (Winnfield,La.)	3 NW;hwy E	130	16 S1	80 oct. Trees N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA.



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

(R) EXTREMELY HAZARDOUS
(!) USABLE WITH CAUTION

HOW
HEAVY LINES OR SIDES OF BLOCK
LIES ABOVE 8 THOUSANDS

LOUISIANA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct No sto.Data unver.
Esler (Alexandria)	11 NE;BayouS	92	45h	CLOSED.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Winnsboro	1.2 ESE;RR SW	60	22 S1	80 oct.
MISSISSIPPI				
East Jackson (Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
→ JACKSON Tower (A,N) [Jackson]	See Hawkins under "New Facilities"-name changed			
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior req. Caution-wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req. Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int, 12, NO-LS	1.5 E; riv W	217	28 L3	
* Tylertown Int, 7, NO-LS	6 SE; road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. Pole line W.
NEW FACILITIES				
→ HAWKINS Tower (A,N) [Hawkins](Jackson,Miss)	278 (126.18, 118.7)	173°.2.4	C	(4);126.18.118.7.122.5
	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank, stack E.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,8210 kcs. (4)-3105,4495,8210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

BIRMINGHAM

ALABAMA

FACILITY	FREQ. IDENT / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS: FREQS. GUARDED. HRS. OF OPERATION
Autaugaville(Selma)	20.5 W	100	73	
BIRMINGHAM Range	224(BH)(116.1)	178°, 3.0	SBRAZ-DTV	(3); 116.1
BIRMINGHAM Tower	278 (126.18, 118.3)		AC	(4);122.5,126.18,118.3
(A) [Birmingham]	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct.JP-1.Rdo rec
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct.No sto. rqrd.
Columbiana	1.5 WNW	514	23	Lgt acft only.
CRAIG Army Range	272 (DPP)	320°, 2.5	BMRLZ	(3); 126.18
CRAIG Tower	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly] (Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW	198	50h	Riv N,W
(A) Elmore(Montgomery)	10 N;hwy N	203	45	CLOSED (A)
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma)(A)	10 SSW	145	40	CLOSED
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E
Greenville,24,NO-AG	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
(A) Henderson (Selma)(A)	29 SW;riv W	170	40	CLOSED
MAXWELL Army Range	362 (DXW)	86°, 2.0	SBRAZ	(4)
MAXWELL Tower	396(126.18)+		CA	(4); 126.18
(A) Maxwell (Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct.No sto. JP-1
(A) Mollette(Selma)(A)	16.2 SSW	150	40	CLOSED
Roberts(Birmingham)	3 W;RR N	610	39	
Selma-Selfield(Selma)	4 ENE;RR S	130	40h	
TUSCALOOSA H Fac.	206(TU)(116.1)		MHTV	(4); 116.1
→ Tuscaloosa,59,FV-AG	See Van de Graaff under "New Facilities"-name changed			
Walker Co.(Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.

MISSISSIPPI

FACILITY	FREQ. IDENT / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS. FREQS GUARDED. HRS OF OPERATION
Augustine (Jackson)	11.5 NE;riv SE	335	40	73 oct.
★ Batesville Int, 29, NO-LS	3 W;hwy SE	205	25 L3	Poles N, lgtd.
Bonita (Meriden)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(P) Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 oct.
(A) Columbus AAF (A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest,46,FV-AG	1 W;RR S	512	28 L3 S1	80 oct.
GREENWOOD Range	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
→ [Greenwood] Mun.	2.3 SW;RR SE	129	40h R1 L5 S2	80,91 oct.P-line E,SE
(A) Greenwood AAF(A)	5.8 ESE;hwy N	162	50h	CLOSED
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Hawkins)	260(JA)(116.1)	173°, 2.4	SBRAZ-DTV	(3);116.1,122.1
→ JACKSON Tower (A,N) [Jackson]	See Hawkins under "New Facilities" - name changed			
(P) [Key] (Meridian)	3.5 SW;RR E	297	50h R1 L5 S4	80,91 oct.Ctc lgts prior request.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Lee (Canton)	1.4 WNW;RR E	300	38	Tank E
Louisville Air Svc.	3.9 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic(Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
MERIDIAN Range (Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1
North Jackson Arpk (Jackson)	7.5 NE;hwy E	300	25 S4	80 oct.No sto.Trees S.
O'Keefe(Newton)	1.5 ESE;RR N	363	26	Trees NE,SE,NW UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
★ Rockport Int, 12, NO-LS	1.5 E;riv W	217	28 L3	
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson(Aberdeen)(A)	3 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only. Rnwy data unver.
★ Zeiglerville Int,19, NO-LS	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW OR REVISED DATA

→ HAWKINS Tower	278 (126.18, 118.7)		C	(4);126.18,118.7,122.5
(A,N) [Hawkins] (Jackson, Miss) →	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank, stack E.
Van de Graaff, Site 59, FV-AG (Ala.) →	3 NW;RR N	172	52 R1 L3 S6	80,91 oct.Pole,trees N.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)
→ NEW OR REVISED DATA. (NC)-Not charted. .[Jones] Airline Stop

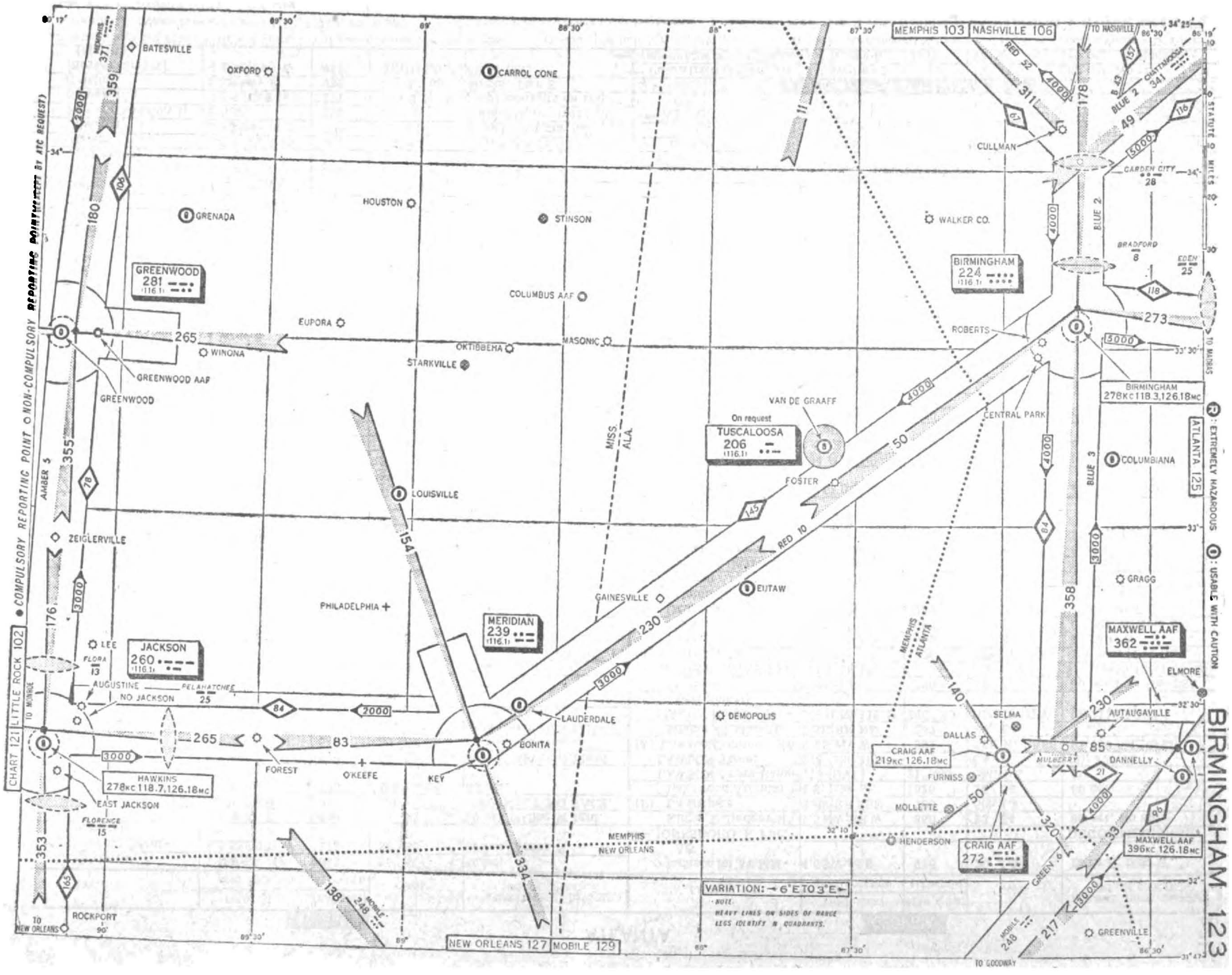


CHART 121 LITTLE ROCK 102
BIRMINGHAM 123
• COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINTS (BY ATC REQUEST)
: EXTREMELY HAZARDOUS : USABLE WITH CAUTION
STATUTE MILES
MEMPHIS 103 NASHVILLE 106
NEW ORLEANS 127 MOBILE 129
BATESVILLE
OXFORD
CARROL CONE
GRENADA
HOUSTON
STINSON
GREENWOOD 281
COLUMBUS AAF
EUPORA
WINONA
OKTIBBEHA
MASONIC
STARKVILLE
GREENWOOD AAF
GREENWOOD
ZEIGLERVILLE
LOUISVILLE
PHILADELPHIA
GAINESVILLE
EUTAW
MERIDIAN 239
JACKSON 260
LEE
FLORA
AUGUSTINE
PELAHATCHIE
NO JACKSON
LAUDERDALE
BONITA
FOREST
O'KEEFE
KEY
HAWKINS 278KC 118.7,126.18MC
EAST JACKSON
FLORENCE
ROCKPORT
TO NEW ORLEANS
DEMOPOLIS
MEMPHIS
NEW ORLEANS
VARIATION: 6°E TO 3°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.
CULLMAN
WALKER CO.
BIRMINGHAM 224
ROBERTS
BIRMINGHAM 278KC 118.3,126.18MC
CENTRAL PARK
VAN DE GRAAFF
On request
TUSCALOOSA 206
FOSTER
COLUMBIANA
ATLANTA 125
GRAGG
MAXWELL AAF 362
ELMORE
AUTAUGAVILLE
SELMA
DALLAS
CRAIG AAF 219KC 126.18MC
FURNISS
MOLLETTE
HENDERSON
CRAIG AAF 272
DANNELLY
MULBERRY
MAXWELL AAF 396KC 126.18MC
GREENVILLE
TO GOODWAY
TO MARIAS
GARDEN CITY
BRADFORD
EDEN
CHATTANOOGA
MEMPHIS ATLANTA
GREEN
MOBILE
TO MONROE

ATLANTA

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR.&DIST / ELEVATION	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
ALABAMA				
Albertville	1 NW;RR NE	1063	15 S1	80 oct
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N.
Anniston	5.5 SSW	610	24 S3	80 oct. P-line W,lgtd.
(A) **Anniston AAF (A)**	15 SW;hwy N	527	53h	TMP INACT.NO FACS.
(P) **Auburn-Opelika (Auburn)**	2.8 E;RR N	770	40h L5 S6	80 oct.
Centre	0.6 NNW	720	22 S4	80 oct.SSE appch blckd.
Gadsden	1.9SW;hwy N	540	20 S2	80 oct. Fld rough.
GUNTER Tower	201		CA	4495 (Oper.on a variable schedule)
(A) **Gunter** (Montgomery)(A)	5 NE	225	35h R1	
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct.No sto.Twr S.
Norman Bridge (Montgomery)	5.8S;RR E	172	20 S4	73 oct.No sto. end.
Talladega	2.6 NE;RR SE	590	20	Pole line E,hill W.
Thomas C.Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (A)	4.8 NNW;rd E	393	50h	CLOSED
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.
GEORGIA				
Allen (Buford)	1.5 S;hwy SW	1070	15 S1	80 oct.Pole line SW.
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
Athens	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req.
ATLANTA Range	266(AG)(116.1)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower	278(118.7,126.18)		AC (ILS)	(4);126.18,118.7,122.5
(A) **[Atlanta]** (A)	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.
ATLANTA Navy Range	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower	356 (142.74)		CN	3105,4495,3117.5;142.74
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2 (L6) S6	100 oct.
★ Butler Int,14,TJ-AG	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown	1 W;rd S	850	25 S4	80 oct.P-lines N,W.
City-Co.(Carrolliton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta)	6.4SSW;rd S	1050	20 S6	Ltd 80 oct.No sto.Trees
(A) Cochran(Macon) (A)	10 S;RR E	354	50h	TMP INACT.NO FACS. NW.
★ Cochran,Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct.Poles NW,NE,S, SE.
Columbus	1.5SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton	2 SE;hwy W,N	710	16 S1	80 oct.Obst sur fld.
Felton (Cartersv'l)	2.5 N	790	23	Hills S,W,N;wires E,W
Gainesville	1.5S;RR E,NW	1277	40h (L5) S6	80,91 oct.Lgts on req.
Griffin	1.5S;hwy E	936	30 L3 S6	80 oct. Twr E.
[Herbert Smart] (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	80,91 oct.
Jackson Int,57,MM-AG	4.6SW;rd S	716	30 L3	Barn E; bldg W.
→ JONESBORO K Fac.				DECOMMISSIONED
Kings (Milledgev'l)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3SW;RR ESE	700	50h L2	
Lakewood(Atlanta)	4 S; lake SE	1026	16 S4	80 oct.
LAWSON Army Range	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower	278 (126.18)+		CA	(3); 126.18
(A) Lawson(Columbus)(A)	9.5S;riv W	232	59h R2 L5 S6	91,100 oct.No sto.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
MACON Range (Herbert Smart)	209 (UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison	2SSW;RR E	720	27 S2	80 oct.Pwr line SSE
MARIETTA AAF Twr	396 (126.18)		CA	3105,4495;126.18(8-20)
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
[Muscogee Co.] (Columbus)	5 NE;hwy E	386	40h L5 S6	80,91 oct.Fld lgts prior req.
Newnan Arpk.	3.7SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial(Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. Trees NE.
ROBINS Tower	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins) (A)	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct. JP-1.
Roosevelt (Warm Springs)	3.5 N;hwy W	870	22 S2	80 oct.Trees SE,SW, NW
Rockmart	2 ENE;RR W	800	20 S1	80 oct.P-line W.
Rome	3 NW;RR S	669	25 S6	80 oct. No sto.
(P) Russell (Rome)	7 N;hwy N	644	45h	
Siloam Int,7B,AG-CS	1.3 S;rd W	654	39 L3	82' mast SE corner N/S strip.
Souther (Americus)	4 NE;RR W	470	66	
★ Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.
(A) Vidalia-Lyons (Vidalia) (A)	3.2SE;hwy N	274	50h	TMP INACT.NO FACS
Washington	1.4 NW;RR SE	600	22 S1	80 oct.
★ Winder Int,4,AG-LG	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.
SOUTH CAROLINA				
Bentley (Calhoun Falls)	3 ENE;RR NNW	500	16	

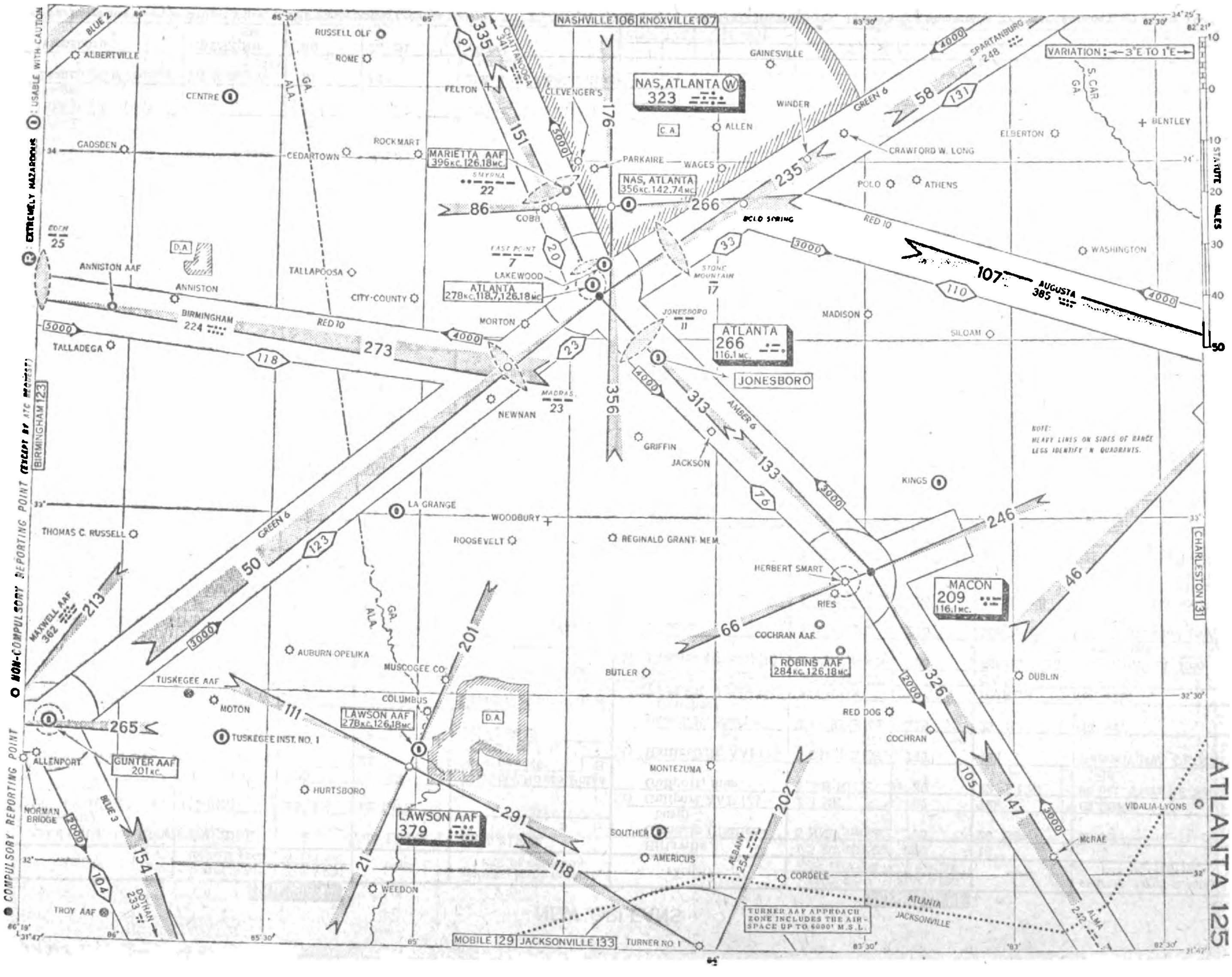
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
→ ATLANTA, GA.	109.9 --.(W)	333.8	330° Mag.	IM- · MM- ·--- (0.68) OM- -- (4.5) MMK-201 ·---· (0.68) OMK-219 ···· (4.5)

NEW FACILITIES

→ Polo Airfld (Athens,Ga.)	2 WSW;hwy N	720	12 S4	80 oct: No sto.
→ Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blocked.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.89, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)
→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


ATLANTA 125
NASHVILLE 106 KNOXVILLE 107
NAS, ATLANTA (W) 323
NAS, ATLANTA 356KC. 142.74MC.
MARIETTA AAF 396KC. 126.18MC.
ATLANTA 278KC. 118.7, 126.18MC.
ATLANTA 266 116.1MC.
LAWSON AAF 278KC. 126.18MC.
LAWSON AAF 379
GUNTER AAF 201KC.
TURNER AAF 254
ROBINS AAF 284KC. 126.18MC.
MACON 209 116.1MC.
GAINESVILLE
SPARTANBURG 248
CLEVENGER'S
RUSSELL OLF
ROME
CENTRE
ALBERTVILLE
GADSDEN
CEDARTOWN
ROCKMART
FELTON
WINDER
ALLEN
PARKAIRE
WAGES
SMYRNA 22
COBB
EAST POINT 7
LAKEWOOD
STONE MOUNTAIN 17
JONESBORO 11
ELBERTON
CRAWFORD W. LONG
BENTLEY
POLO
ATHENS
WASHINGTON
MADISON
SILOAM
BOLD SPRING
ANNISTON AAF
ANNISTON
TALLAPOOSA
CITY-COUNTY
MORTON
TALLADEGA
BIRMINGHAM 224
RED 10
NEWNAN
MADRAS 23
GRIFFIN
JACKSON
JONESBORO
AUGUSTA 385
KINGS
LA GRANGE
WOODBURY
ROOSEVELT
REGINALD GRANT MEM.
THOMAS C. RUSSELL
HERBERT SMART
RIES
COCHRAN AAF
BUTLER
DUBLIN
MAXWELL AAF 362
AUBURN-OPELIKA
MUSCOGEE CO.
TUSKEGEE AAF
MOTON
TUSKEGEE INST. NO. 1
COLUMBUS
RED DOG
COCHRAN
MONTEZUMA
HURTSBORO
ALLENPORT
NORMAN BRIDGE
SOUTHER
AMERICUS
ALBANY 254
CORDELE
WEEDON
TROY AAF
DOTHAN 233
VIDALIA-LYONS
McRAE
ALMA 242
ATLANTA JACKSONVILLE
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
MOBILE 129 JACKSONVILLE 133
TURNER NO. 1
CHARLESTON 131
BIRMINGHAM 123
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (RELIEF BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES

NEW ORLEANS

LOUISIANA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(N) **Alvin Callender (New Orleans)**	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct. No sto. Poles
Chapman (New Orleans)	8.5 NE;lake N	4	22	15' trees NW S Cattle on fld.
★ **Covington Int, 3, NO-LS**	6 NNE;hwy W	77	27 L3	Pole line W
★ **Donaldsonville Int, 26, HU-NO**	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E; hwy N,E	56	31 S4	80,91 oct. Pole line S.
(A) Esler (Alexandria) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Rds)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld
Grand Isle	2.6 NE;hwy NW	4	22	
(P) Hammond	2 ENE;RR S	40	50h	
[Harding] (Baton Rouge)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams **Memorial** (Patterson)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct. No bcn. Lgts prior req. Pole line NW.
(N) Houma NAS (LTA) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
K-P (Covington)	1.6 NW;RR S	27	18 S2	80 oct.
LAFAYETTE H Fac.	227 (UG) (116.1)		MHTV	(4); 116.1
Lafayette	1.5 SE;RR W	40	50h R1 L5 S5	80,91 oct. Pole line S
Menefee (New Orleans)	5.2 E; riv S	1	31	Pole line S
MOISANT Tower	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines NATS
NEW ORLEANS Range (Moisant)	338 (NO) (116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower	382 (126.18)		CA	(4); 126.18
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L5 S4	91,100 oct.; 100 oct. Army. FEE
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (N)	4.6 N;on lake	7	34h R1	Tower NE.
(P) Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia)	2.6 N;hwy W	21	18	Poles W, WSW. Cattle on fld.
Winnsboro	1.2 ESE;RR SW	80	22 S1	80 oct.

MISSISSIPPI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Ellisville	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct. Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW CLOSED
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Rng	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower	201 (126.16)		CA	(4); 4220
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
Laurel	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req. Obsts sur field.
McLaurin	1 NNE;RR W	350	24 S4	73 oct. Lgt acft only.
(P) Natchez	7.1 ENE;RR S	271	50h	
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW.
★ Tylertown Int, 7, NO-LS	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9 (W)	333.8	100° Mag.	IM- ····· (0.04)	MM-	OM- -- (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not started. [Jones] Airline Stop

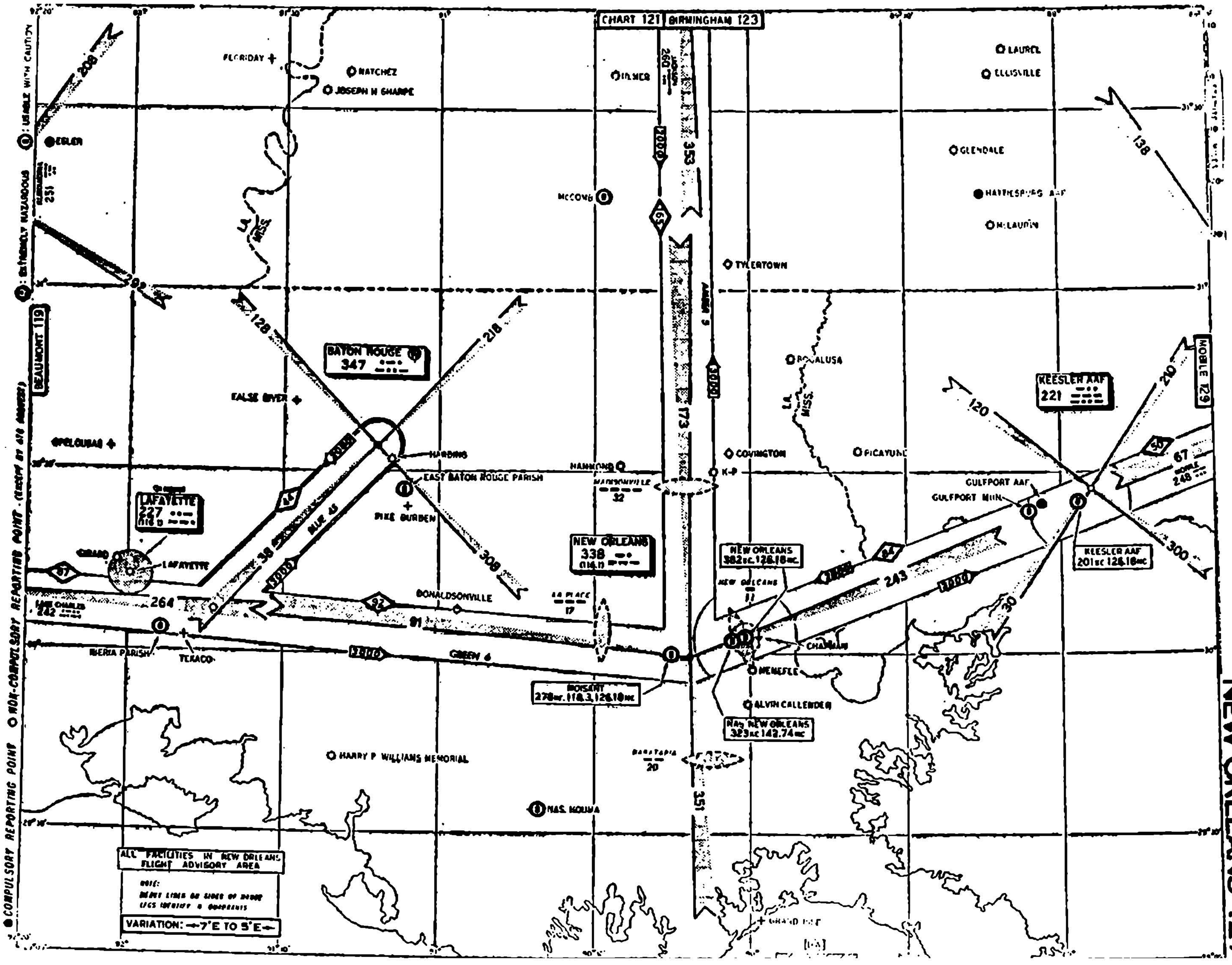


CHART 121
BIRMINGHAM 123
NEW ORLEANS 127
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
VARIATION: 7°E TO 5°E
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
FERRIDAY
NATCHEZ
JOSEPH H SHARPE
EBLER
McCOMB
TYLERTOWN
LAUREL
ELLISVILLE
GLENDALE
HATTIESBURG AAF
H. LAUPIN
BATON ROUGE
347
BEAUMONT 119
FALSE RIVER
THIBODAUX
HARDING
EAST BATON ROUGE PARISH
PIKE BURDEN
LAFAYETTE
227
LAFAYETTE
DONALDSONVILLE
IBERIA PARISH
TEXACO
GREEN 6
HARRY P WILLIAMS MEMORIAL
NAS NOLMA
HAMMOND
MANDEVILLE
32
COVINGTON
K-P
PICAYUNE
ROSALUSA
L.A.
MISS.
NEW ORLEANS
338
NEW ORLEANS
382sc.128.18mc
NEW ORLEANS
11
CHALMETTE
MENEFEE
ALVIN CALLENDER
NAS NEW ORLEANS
323sc.142.74mc
BOISSIER
278sc.118.3,126.18mc
LA PLACE
17
BARATARIA
20
GULFPORT AAF
GULFPORT MUN
KEESLER AAF
221
KEESLER AAF
201sc.126.18mc
MOBILE 129
MOBILE
248
67
90
10
12
49
55
59
61
65
67
90
10
12
49
55
59
61
65
208
128
218
264
91
308
243
120
138
300
351
353
173
260
230
MOBILE
MOBILE
MOBILE

ALABAMA

FACILITY	FREQ., IDENT., ARPT. LOCATION	BEAR & DIST. ELEVATION	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
Andalusia	1.7 SSE; RR N	340	18 S1	80 oct.
★ Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
➸BARIN NAAS (EAST) Tower				DECOMMISSIONED
(N) Barin NAAS-East (Foley)(N)	2.7 ESE	51	41h	INACTIVE
➸BARIN NAAS (WEST) Tower				DECOMMISSIONED
(N) Barin NAAS-West(Foley)(N)	2.7 ESE	72	34h	INACTIVE
[Bates](Mobile)	10 W; rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)	3.5 S; riv N	92	40h	
Brewton (old)	2.5 N; hwy E	100	23	UNUSABLE
BROOKLEY Tower (Mobile)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile)(A)	3 SSW;RR NW	26	89h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
➸DOTHAN Range	233 (NI)(116.1)	47°,3.7	SBRAZ-DTV	(4); 116.1
[Dothan]	3 WNW;hwy SE	330	40h R1 L5 S6	80,91 oct. No sto.No flood lgts
Enterprise	0.5 NE	355	22	
(N) Faircloth (Lillian) (N)	3 NW;bay E	70	37	
➸ Headland	2 NE;hwy N	350	48	
(N) Kaisers Tract OLF (Elberta)(N)(NC)	3.3 ENE;hwy S	90	25	
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
MOBILE Range (Brookley)	248 (MS)(116.1)	138°,3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan) (A)	7.5 NW;RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT.NO FACS.
(A) St. Elmo (A)	1 WSW;RR S			ABANDONED
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW.
(N) Summerdale OLF (N)	3.5 ENE;RR W	129	29h	
(N) Wolf OLF (Josephine)(N)	1.5 N;bay E	54	30h	

FLORIDA

(A) Alliance #4 (Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A)	2 W;RR N	19	53h	CLOSED
(N) Bagdad OLF (Pensacola)(N)	14 NE;RR SE	111	18h	Use rnwys,
(A) Bascom (Marianna)(A)	15.5 NE	120	50h	CLOSED
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(A) Carrabelle Flight Strip (A)	2.6 W;hwy S	20	40h	CLOSED
Chipley	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
CRESTVIEW Range	350 (HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W; RR N	197	25 S1	80 oct. Pwr line N.
EGLIN Army Range	209 (DVQ)	175°,3.6	MRLPZ	Rng cont.;(3);126.18 (6-24)
EGLIN Tower	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valparíso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna)	9.5 N; riv W	116	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h	INACTIVE
Gulf Arpk (Pensacola)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola)(N)	12 NW	100	54	
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
(A) Malone #2 (Marianna)(A)	15.5 N	154	50h	CLOSED
(P) Marianna	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Milton "T"	3.5 ENE;RR S	150	53 S3	80 oct.

FLORIDA

FACILITY	FREQ., IDENT., ARPT. LOCATION	BEAR & DIST. ELEVATION	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
Panama City	5 NW;bay N,S,W.	5	19 S6	80 oct.
Pensacola Arpk.	5 NNW;hwy E		28 S1	80 oct.Allway fld.Data unver.
(P) Pensacola	4 NNE;bay E	121	50h R1 L5 S6	80, 91 oct.
PENSACOLA NAS-CHEVALIER Tower	382 (142.74)		CN	(4); 142.74 (sunrise-30 mins. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower	287.0 (142.74)		CN	3105;142.74 (730-1630 except Sat.,Sun., and holidays)
(N) Pensacola NAS-Chevalier	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)	244°,6.4	CN	3105; 142.74
(N) Pensacola NAS-Corry (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N)	14 NW;riv 3 W	100	46	
(N) " OLF #5 (N)	10 NNW;RR W	115	57	
(N) " OLF #6 (N)	10 NNW;RR E	110	48	
(N) " OLF #7 (N)	7 NW	103	37	
(N) " OLF #8A(N)	13 NW	100	73	
(N) " OLF #9K(N)	11.5 NNW;RR E	110	50	
(N) Santa Rosa OLF (Milton)(N)	6 E;rivs N,S,W	150	45h	
SAUFLEY NAAS Tower	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola)(N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87, 91 oct. NATS
(N) Spencer OLF (Pensacola)(N)	15 NNE;bay S	145	18h	
➸TYNDALL Army Range	203 (DKE)	313°,2.8	MRLZ	(3) ;126.18
TYNDALL Tower	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City)(A)	8 SE;Gulf SW	16	61h R2 L5 S6	73,91,100 oct.
➸WHITING Navy Range	524 (AWT)	130°,3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74
(N) Whiting NAS-North (Milton)	6 N	200	60h R2 (L6) S4	73,91,100 oct. (N)
➸WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton)	5 N	178	60h	Use N Field. INACTIVE.(N)

GEORGIA

Donalsonville	1 S	150	40h	
(A) Reynoldsville (A)	1.7 SSW	110	30h	CLOSED

MISSISSIPPI

Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
				IM-	MM-	OM-	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

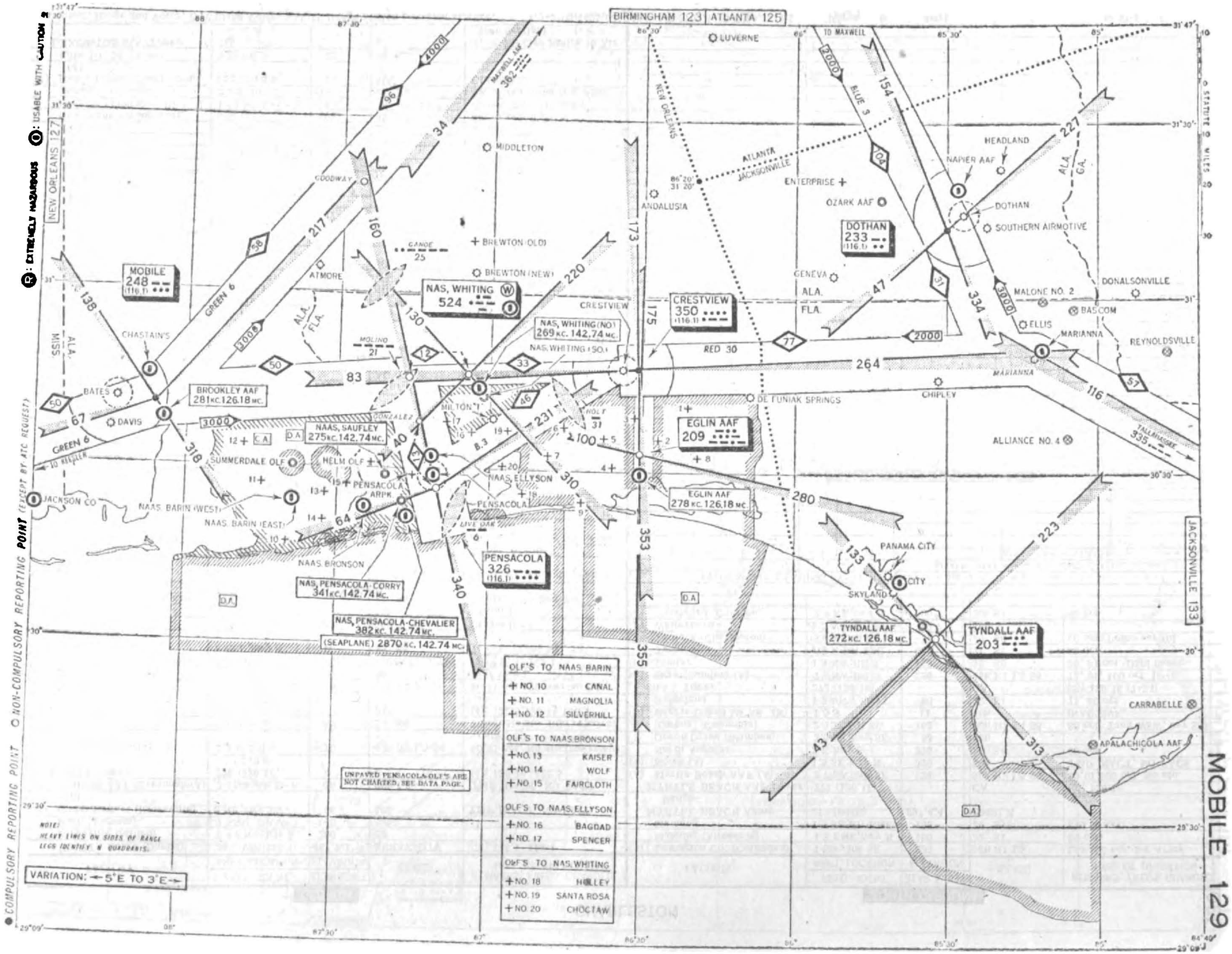
NEW FACILITIES

City Air Park (Panama City, Fla)	2.5 N	40	26 S6	80,91 oct. Data unver.
➸ Geneva, (Ala.)	2.4 NW,hwy,RR S	38	23 S4	80 oct.
➸ Skyland (Panama City,Fla.)	Within city W	12	20 S6	80 oct.No sto.P-line S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

➸ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
BIRMINGHAM 123 | ATLANTA 125
NEW ORLEANS 127
MOBILE 129
MOBILE 248 (116.1)
NAS, WHITING 524
CRESTVIEW 350 (116.1)
DOTHAN 233 (116.1)
PENSACOLA 326 (116.1)
EGLIN AAF 209
TYNDALL AAF 203
BROOKLEY AAF 281 KC. 126.18 MC.
NAAS, SAUFLEY 275 KC. 142.74 MC.
NAS, WHITING (NO) 269 KC. 142.74 MC.
NAS, WHITING (SO.)
EGLIN AAF 278 KC. 126.18 MC.
TYNDALL AAF 272 KC. 126.18 MC.
NAS, PENSACOLA-CORRY 341 KC. 142.74 MC.
NAS, PENSACOLA-CHEVALIER 382 KC. 142.74 MC.
(SEAPLANE) 2870 KC. 142.74 MC.
MIDDLETON
BREWTON (OLD)
BREWTON (NEW)
ATMORE
GANOE
MOLINO
CHASTAIN'S
BATES
DAVIS
GONZALEZ
MILTON
HOLT
SUMMERDALE OLF
HELM OLF
PENSACOLA ARPK
NAAS, ELLYSON
PENSACOLA
LIVE OAK
JACKSON CO
NAAS, BARIN (WEST)
NAAS, BARIN (EAST)
NAAS, BRONSON
LUVERNE
TO MAXWELL
NEW ORLEANS
ATLANTA
JACKSONVILLE
ANDALUSIA
ENTERPRISE
OZARK AAF
GENEVA
ALA.
FLA.
HEADLAND
NAPIER AAF
DOTHAN
SOUTHERN AIRMOTIVE
MALONE NO. 2
BASCOM
ELLIS
MARIANNA
DONALSONVILLE
REYNOLDSVILLE
DE FUNIAK SPRINGS
CHIPLEY
ALLIANCE NO. 4
PANAMA CITY
SKYLAND
CITY
CARRABELLE
APALACHICOLA AAF
BLUE 3
RED 30
GREEN 6
ALA.
GA.
MISS.
ALA.
FLA.
10 KEESLER
OLF'S TO NAAS BARIN
+ NO. 10 CANAL
+ NO. 11 MAGNOLIA
+ NO. 12 SILVERHILL
OLF'S TO NAAS BRONSON
+ NO. 13 KAISER
+ NO. 14 WOLF
+ NO. 15 FAIRCLOTH
OLF'S TO NAAS, ELLYSON
+ NO. 16 BAGDAD
+ NO. 17 SPENCER
OLF'S TO NAS, WHITING
+ NO. 18 HOLLEY
+ NO. 19 SANTA ROSA
+ NO. 20 CHOCTAW
UNPAVED PENSACOLA OLF'S ARE NOT CHARTED, SEE DATA PAGE.
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
VARIATION: ← 5°E TO 3°E →
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
D.A.
JACKSONVILLE 133
SECTIONAL CHART
MILES
87°30'
88°
86°30'
86°
85°30'
85°
84°40'
31°47'
31°30'
31°
30°30'
30°
29°30'
29°09'

CHARLESTON

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
AUGUSTA Range (Daniel)	385 (VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Birdsville (Millen)	9.4 WNW;Riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
(A) Chatham AAF (Savannah)(A)	7.5 NW;RR E	50	70h L5	TMP INACT. NO FACS.
DANIEL Tower	278 (126.18, 118.9)		C	(4); 126.18, 122.5
[Daniel] (Augusta)	2.5 W;RR S	420	42h R2 L5 S4	80,91 oct. No sto. Use rnwys only.
Hinesville	3 S; hwy W	55	24 S4	73 oct. No sto. Rdo repairs.
HUNTER Tower	278 (126.18, 118.7)		AC	(4); 122.5,126.18,118.7
[Hunter] (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80,91 oct. 120° twr on fld.
(P) Lindsey (Swainsboro)	2.3 S; RR W	300	30	Pole line E NATS
SAVANNAH Range (Hunter)	263 (SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE, SW.
(A) Statesboro AAF (A)	3.8 NE;hwy W	180	54h	CLOSED
(A) Sylvania AAF (A)	7.5 SSE;hwy E	175	50h	CLOSED
West Savannah (Savannah)	3 W;RR W,N	42	22 S6	80 oct. Pole line NW.

NORTH CAROLINA

(P) [Bluethenthal] (Wilmington)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Carolina Beach	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Pelifer (Wilmington)	6 ESE;ocean E	10	18 S1	80 oct. Pole line NNE,trees N,S,SW
Whiteville	3.7 S; RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpt.	3 SE;hwy N	20	27 S4	80 oct. N and E blocked.

SOUTH CAROLINA

Aiken (old)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (A)	6 NNE;RR SW	530	51h	CLOSED.
Barnwell	1 WNW;hwy E	235	50h	
(P) Beaufort	4 NW	38	60h S4	80 oct.
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3,122.5
(A,N)[Charleston] (mun.)	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TEMP INAC. CIVIL FACS NATS(Hospital)
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE
Clark (Charleston)	4 S; riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (Owens)	227 (CI)(116.1)	330°, 1.9	SBRAZ-DTV	(4); 116.1VDT lctd Lexington
(N) Congaree (Columbia)(N)	15.5 ESE;RR S	237	45h	INACTIVE. Co.Arpt.
(A) Coronaco AAF (A) (Greenwood)	3.8 N;RR E	629	50h	
Donald (St Matthews)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE
Duke Field (Chadbourn)	1 N; RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
FLORENCE Range	239 (FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence	3.5 E;RR SW	146	60h R1 L5 S1	80, 91 oct.
Georgetown	1 NW; riv E	12	29 S6	80, 91 oct.
(P) Georgetown County	4 S; bay E	37	50h	
Greenwood	2.6 W;RR E	650	24 S6	73 oct.
Hartsville	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Huggins (Timmonsville)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct. Pole line ENE.
(A) John's Island (Charleston) (A)	7 SSW; rd W	16	50h	CLOSED
* Lane Int, 24, JX-RW	3 S; RR W	72	34 L3	
LEXINGTON CO. Tower	396		C	(4) (8-24) (See Notice to Airmen Section)

SOUTH CAROLINA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS OF OPERATION
(A) Lexington Co. (Columbia)	7 SW; RR SE	233	56h R1 L5	Ltd 100 oct. for Army
Manning (Allendale)	1.5 ENE;hwy N	150	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
MYRTLE BEACH Army Range	379 (DMB)	69°,4.4	BMRLZ	
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Myrtle Beach AAF (A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS.
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
[Owens] (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS (N)	1.5 S	11	60h	INACTIVE.
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SHAW Tower	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter) (A)	7 WNW;RR W	236	45h R1 L5 S6	73, 91, 100 oct. JP-1.
(P) Sumter	1.5 NW;RR S	169	30 S6	80, 91 oct. Data unver.
Trenton	1.2 E;RR ESE	480	21 S1	80 oct
Truluck (Charleston)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	
(P) Woodward (Camden)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

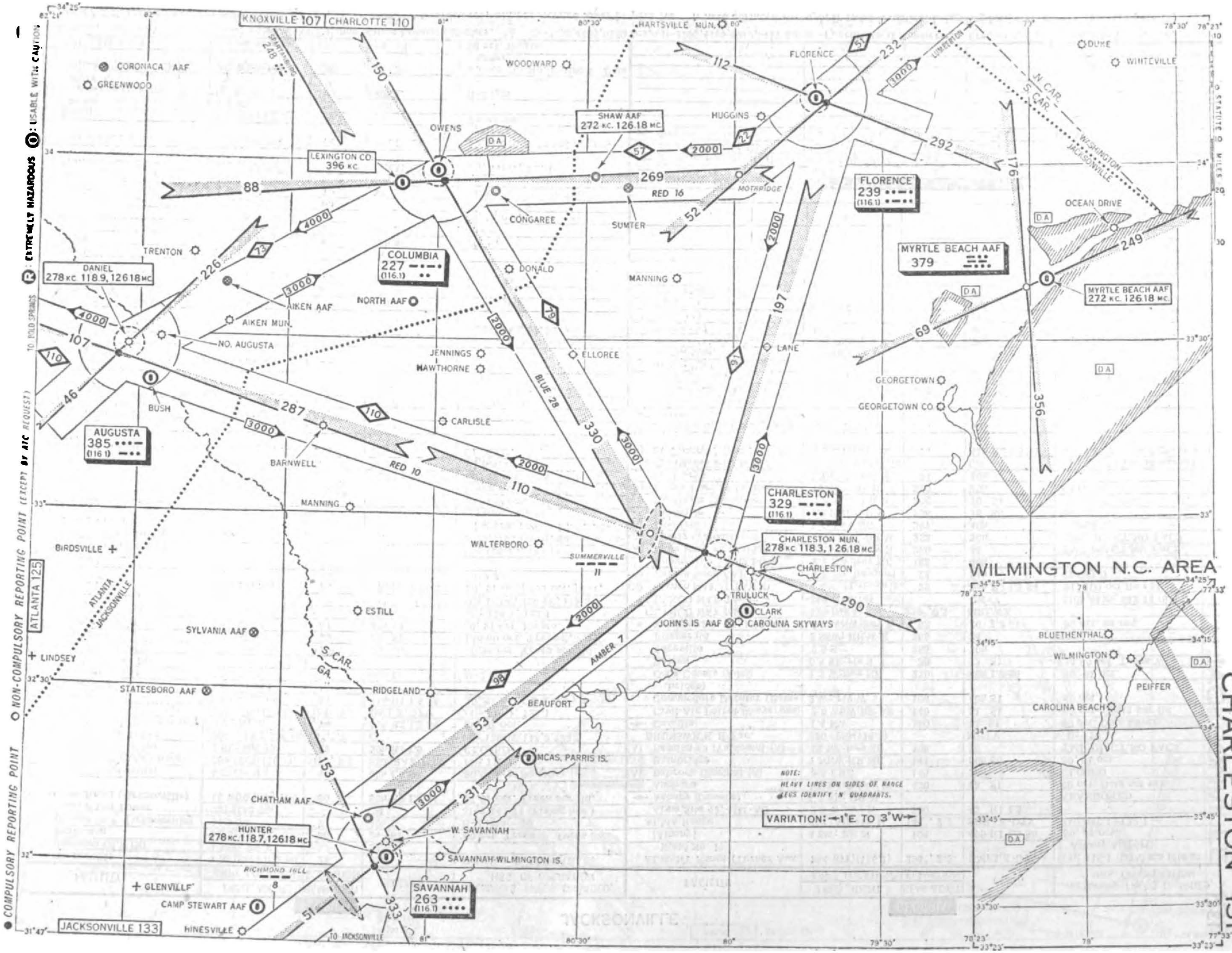
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON,S.C.	110.3 ---- ...	335	150° Mag.	IM-	MM- ·-·- (0.05)	OM- -- (4.2)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

► Glenville, (Ga.)	2 SW;hwys N,E	175	32 S1	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

►◄ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


KNOXVILLE 107
CHARLOTTE 110
CORONACA AAF
GREENWOOD
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WINTERVILLE
OWENS
SHAW AAF
272 KC. 126.18 MC
HUGGINS
LEXINGTON CO.
396 KC
CONGAREE
SUMTER
MOTTRIDGE
FLORENCE
239
(116.1)
OCEAN DRIVE
TRENTON
DANIEL
278 KC 118.9, 126.18 MC
COLUMBIA
227
(116.1)
DONALD
MANNING
MYRTLE BEACH AAF
379
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO. AUGUSTA
MYRTLE BEACH AAF
272 KC. 126.18 MC
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO.
BUSH
AUGUSTA
385
(116.1)
CARLISLE
BARNWELL
MANNING
CHARLESTON
329
(116.1)
CHARLESTON MUN.
278 KC 118.3, 126.18 MC
CHARLESTON
WALTERBORO
SUMMERVILLE
TRULUCK
CLARK
CAROLINA SKYWAYS
JOHN'S IS AAF
BIRDSVILLE
ESTILL
SYLVANIA AAF
LINDSEY
STATESBORO AAF
RIDGELAND
BEAUFORT
MCAS, PARRIS IS.
CHATHAM AAF
HUNTER
278 KC. 118.7, 126.18 MC
W. SAVANNAH
SAVANNAH-WILMINGTON IS.
SAVANNAH
263
(116.1)
CAMP STEWART AAF
GLENVILLE
HINESVILLE
JACKSONVILLE 133
ATLANTA 125
RICHMOND HILL
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
CHARLESTON 131
NOTE:
HEAVY LINES ON SIDES OF RADIALS IDENTIFY 'N' QUADRANTS.
VARIATION: 1°E TO 3°W
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
TO POLO SPRINGS
(EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
STATUTE MILES
N. CAR.
S. CAR.
WASHINGTON
JACKSONVILLE
ATLANTA
JACKSONVILLE
S. CAR.
GA.
TO JACKSONVILLE

JACKSONVILLE

FLORIDA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST ELEVATION	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
Barberville	1 SE;bet RR & rd.	25	25	Pole line E UNUSABLE.
(N) Bostwick OLF (N)	1 NW; RR E	53	34	
Bradenton	0.5 S;RR NE	20	24 S1	80 oct. Trees W. Poles SW.
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	B-2 lgts. (N)
CECIL NAAS Tower	201 (142.74)		CN	3105;142.74 (Flying hrs.)
(N) Cecil NAAS (Jacksonville) (N)	16 WSW;hwy NW	80	50h R2 L5 S4	87,91 oct. Trees sur fld.
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY (AAF) Range	269 (FC)(116.1)	315°, 2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (A)	1 SE; RR SW	42	50h R1 L5	CLOSED
DALE MABRY Tower	281 (118.3,126.18)	85°,2.7	C	(4); 126.18,118.3,122.5
(P) [Dale Mabry] (Tallahassee)	3 W; RR S	70	52h R2 L5 S4	80, 91 oct.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct. Ctc & rnwy lgts on req.
(P) Fernandina	4 S; ocean E	16	50h	
(N) Flemings Island OLF	17.5 SSW	23	40h L	B-2 lgts.
(Jacksonville) (N)				
Hart (Jacksonville)	6.5 W; RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne	1.2 SSE;RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE
Herlong (Jacksonville)	10.5 WSW	87	40h S4	80, 91 oct. No sto.
JACKSONVILLE Range	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower	278 (126.18,118.5)		AC	(4); 122.5, 126.18, 118.5
(A) Jacksonville	6.3 N; RR W	52	70h R2 L6 S4	80, 91 oct.; 100 oct. JP-1, for Army
JACKSONVILLE NAS Range	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane) Tower	2870		CN	2870,3105 (avail. during working hrs. and on 1 hr's advance notice)
(N) Jacksonville NAS (N)	7.2 S; riv E,N	20	60h R2 L5 S6	91, 100 oct. NATS
Jasper, 43, NO-JX	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison(Gainesville)	4.5 NE;RR W	155	50h L5 S2	80, 91 oct. Lgts prior req.
(P) Kay Larkin (Palatka)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h L	
Lake City	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
LEE OLF G.C.A.			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs) (N)	2.2 SE; riv N	22	51h	
Live Oak	1 W; RR W	105	26 S1	80 oct. Pole line N,NE,SW.
MAYPORT CGAS				DECOMMISSIONED
(CG) Mayport CGAS (CG)	0.6 NNE;riv N	19	43h	INACTIVE
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
(A) Monbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
Monticello	1.5 SW;hwy E	160	25	
Perry	2 S; RR E	45	50h S2	80, 91 oct.
Quincy	1.5 NE;RR S	212	35 S1	80 oct.
St. Augustine	4 NNW;hwy W	10	42h S1	80, 91 oct.
Sawyer (Palatka)	2.6 S; RR SE	60	25	Trees N,E,S.
Stengel (Gainesville)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (N)	1.5 SE	31	40h	
TALLAHASSEE Range	335 (TJ)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
(P) Taylor (Ocala)	1 SW; RR NE	72	40h L3 S6	80,91 oct. Lgts and ngt repairs prior req.
Tennile	2.2 SSW; rd E	35	20	Trees SW.
Tomoka (Daytona Beach)	7.8 NW	29	40h	
(N) Whitehouse OLF (Jacksonville) (N)	13 W; RR S	102	40h L	B-2 lgts
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	80 oct. No sto. P-line E. Data unver.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

GEORGIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST ELEVATION	CLASS	REMARKS, FREQS GUARDED, HRS OF OPERATION
ALBANY Range (Turner Aux. Field No. 1)	254 (GY)(116.1)	298°, 2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Airport)
[Albany]	4 SW; RR N	196	49h R1 L5 S6	80, 91 oct.
ALMA Range	242 (AJ)(116.1)	144°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma,Site 43, MM-AG	2.5 W;hwy N	200	43 R1 L3	
Asbury (Dawson)	5.7 SE; RR N			ABANDONED
Ashburn	1.5 S;RR,hwy W	430	18 S1	80 oct. Data not ver.
(A) Babcock (Boykin) (A)	3.5 ENE	145	30h	CLOSED
Bainbridge	7 NNW;RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta) (A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
BRUNSWICK H Fac.	230 (BS)(116.1)		MHTV	(4); 116.1
Camilla	1.4 NW	180	21 S1	80 oct. Data unver.
Civil Air Patrol (Waycross)	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld
Commodore Decatur (Bainbridge)	2 W; riv W	103	40h S1	80 oct
Cook County (Adel)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
Faceville	3.5 S	285	30h	
Fitzgerald	2 SSW; RR W,E	365	24	
* Folkston Int, 37, MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range	520 (NEA)	239°,0.3	MRLWZ	
GLYNCO NAF Tower	317 (142.74)		CN	3105,4495; 142.74 (8-17)
(N) Glynco NAF (LTA)(N)	6.4 N of Brunswick	25	35h R2 L5 S4	91, 100 oct.Hwy SE
(A) Harris Neck AAF (A)	7 E So. Newport	22	54h	CLOSED
Homerville Flight Strip	2.5 NW;hwy NE	185	40h	
(A) Lake Park #2 (Valdosta)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
(A) Moody (Valdosta) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (A)	7 S; hwy NW	287	40h	CLOSED.
Nashville	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
(A) Rocky Ford #1 (Valdosta)(A)	16 SW;hwy N	220	50h	CLOSED
St. Marys	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Twr	281(140.58,142.74)		CN	(3); 142.74,140.58 (630-24)
(N) St Simons Island NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct No sto. Lgts on req. Trees NE, SW
(P) South Georgia College(Douglas)	1.3 S; RR W	225	60	
Spence (Moultrie)	5 SE;hwy W	292	50h S6	80, 91 oct.
(A) Thomasville AAF (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com.	1 SW; RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Tifton Mun.	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
Turner #1 (Albany)	15 NE	285	45	
(A) Vada (A)	3 NE	140	30h	CLOSED.
Valdosta	2.5 S; hwy E	215	56h S1	80 oct.
(A) Waycross AAF (A)	4 NW;hwy E	141	50h	CLOSED.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

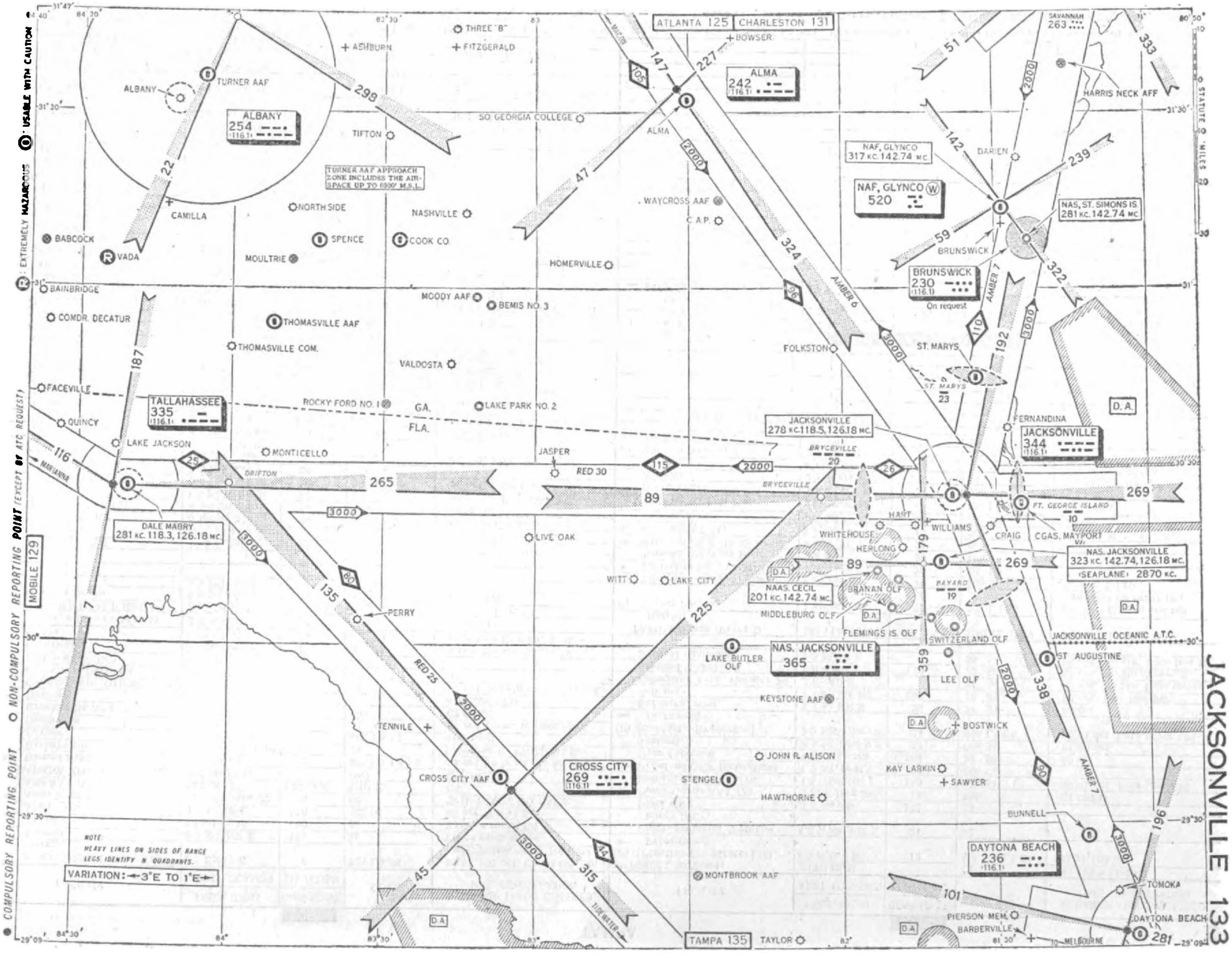
NEW FACILITIES

Bunnell, (Fla.)	3.3 E	34	50h	
Pierson Memorial, (Fla.)	0.5 N;hwy RR,W	70	21	
Bowser (Baxley,Ga.)	2.5 S;hwyW,RR N	205	21 S1	80 oct.
Brunswick, (Ga.)	2.5 NNE;hwy E	14	26 S1	80,91 oct Data unver.

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


ATLANTA 125
CHARLESTON 131
SAVANNAH 263
ALBANY
TURNER AAF
ALBANY 254
ASHBURN
THREE "B"
FITZGERALD
BOWSER
ALMA 242
HARRIS NECK AFF
SO. GEORGIA COLLEGE
TIFTON
ALMA
NAF, GLYNCO 317 KC. 142.74 MC.
DARIEN
NAF, GLYNCO 520
NAS, ST. SIMONS IS 281 KC. 142.74 MC
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
CAMILLA
NORTH SIDE
NASHVILLE
WAYCROSS AAF
C.A.P.
BABCOCK
VADA
SPENCE
COOK CO.
MOULTRIE
HOMERVILLE
BRUNSWICK
BRUNSWICK 230
On request
BAINBRIDGE
MOODY AAF
BEMIS NO. 3
COMDR. DECATUR
THOMASVILLE AAF
THOMASVILLE COM.
FOLKSTON
ST. MARYS
VALDOSTA
FACEVILLE
TALLAHASSEE 335
ROCKY FORD NO. 1
GA.
FLA.
LAKE PARK NO. 2
QUINCY
LAKE JACKSON
MONTICELLO
JASPER
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
FERNANDINA
JACKSONVILLE 344
D.A.
DRIFTON
RED 30
BRYCEVILLE
HART
WILLIAMS
FT. GEORGE ISLAND
WHITEHOUSE
HERLONG
CRAIG
CGAS, MAYPORT
DALE MABRY 281 KC. 118.3, 126.18 MC.
LIVE OAK
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
WITT
LAKE CITY
NAAS CECIL 201 KC. 142.74 MC.
BRANAN OLF
BAYARD
MIDDLEBURG OLF
FLEMINGS IS. OLF
SWITZERLAND OLF
JACKSONVILLE OCEANIC A.T.C.
MOBILE 129
PERRY
NAS. JACKSONVILLE 365
LAKE BUTLER OLF
ST AUGUSTINE
LEE OLF
KEYSTONE AAF
TENNILE
BOSTWICK
JOHN R. ALISON
KAY LARKIN
SAWYER
CROSS CITY
CROSS CITY AAF
STENGEL
HAWTHORNE
BUNNELL
DAYTONA BEACH 236
MONTBROOK AAF
TOMOKA
PIERSON MEM.
BARBERVILLE
DAYTONA BEACH
TAMPA 135
TAYLOR
MELBOURNE
JACKSONVILLE 133
STATUTE MILES
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.
VARIATION: 3°E TO 1°E
TIDE WATER
AMBER 6
AMBER 7
RED 25
D: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

TAMPA

FLORIDA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR &DIST. ELEVATION	CLASS	REMARKS; FREQS GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St.Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct. Coast Gd. Stn adj. Poles, stack NW, SW.
Altoona	0.6 NW;RR E	155	25	Trees ends strips
Arcadia	2 SE;hwy W	60	30	Trees around fld.
Avon Park	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	91 oct.No bcn.Lgts on req.
Barberville	1 SE;bet RR & rd	25	25	Pole line E. UNUSABLE.
Bartow	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (A)	7.5 SW;hwy E	70	70h	CLOSED
➝ Bushnell				ABANDONED
Cannon Mills (Orlando)	3.8 E;hwy N	105	41 S6	80 oct. No sto Poles sur fld.
Carlstrom (Arcadia)	7 SSE;hwy N	56	53	
Cedar Keys (NC)	1 W; bay S	6	24h	
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto. Trees W.
Cocoa	1 N; RR E	20	26 L1	Pole line E; trees S, W.
(A) Conners(Okeechobee)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct.
Deland	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia)	11.5 E;hwy N	74	53	
➝ DREW Tower	278(126.18,118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa)	5 W;bay SW	26	70h R1 L5 S6	80,91 oct. Rdo rec. rqrd.
(A) Dunnellon AAF (A)	4.5 E;hwy S	66	50h	CLOSED
Ellenton	1.5 NNW;RR N	18	15	Pole line NE; trees SW.
Fort Pierce, com.	3.3 SSE; RR E	18	26 L1 S6	80 oct. Pole line W.
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	
Frank D. Waterman(Eustis)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW, N, W
Gilbert (Winter Haven)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct.Orange groves W.
Haines City	1 NW	175	20 L1	
(P) Hendricks (Sebring)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa)	7 NNE	67	50h	CLOSED. (A)
Hoequist (Orlando)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto. Trees E.
Kerlin (Minneola)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee	2 W; RR N	65	50h	
(A) Lakeland AAF (A)	4.5 SW;RR NE	142	50h	CLOSED
[Lakeland Mun. #1]	2.1 N;lake E	159	35h L5 S6	80,91 oct.Clc lgts on prior req. till 2400.
Lake Wales	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (A)	4 ENE;RR SE	67	50h	
Ludwig Sky Harbor (St. Petersburg)	6 NE; bay E	14	33 L1 S6	80 oct.
MAC DILL Tower	227 (126.18)+		CA	(3); 126.18
(A) MacDill (Tampa) (A)	8 SSW;bay NE	9	100h R1 L5 S6	73-100 oct. JP-1. No sto.
➝ Malabar OLF	7 WNW	27	40h	
MELBOURNE Range	257 (OU)(116.1)	158°,2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie	2.2 NW;RR E	26	43h R1 S4	80 oct.
(A) Montbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
New Smyrna	3 NNW;RR W	12	50h	
ORLANDO Range	206 (OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower	278(126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct; 100 oct. for military. No sto.
Osceola (Sanford)	10 SSE;lake SE	25	40h	
Peter O. Knight (Tampa)	3.7 S;bay S,E,W	8	40h R1 L5 S6	80, 91 oct. Shipyard NE.
(A) Pinecastle AAF (A)	3 ESE;lake NW	95	100h	CLOSED

FLORIDA

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR &DIST. ELEVATION	CLASS	REMARKS; FREQS GUARDED, HRS. OF OPERATION
➝ PINELLAS Tower	317(118.3)		Cl	(4);122.5 (8-24)
(P) [Pinellas Co Master] (St. Petersburg) ➝	9.5 N;bay N	12	50h R1 L5 S6	80,91,100 oct.
Piper-Fuller(St. Petersburg) (NC)	4.8 WNW;RR E	21	32	
Plant City	3 E;hwy N	172	53	
(A) Punta Gorda AAF (A)	5 ESE;hwy SW	22	50h	CLOSED
Robinson (Plant City)	1.5 WSW;RR E	110	18 S1	80,91 oct. Pole line ESE.
➝ Roseland OLF (Sebastian)	1.7 W;riv N,E	23	40h	
Ryan (Apopka)	1 N; lake NW	104	28 S6	80 oct.
Sanford	2.5 SE;lake N,S	57	60h S6	91,80 oct.
(P) [Sarasota-Bradenton] (Sarasota) ➝	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct Lgts prior req.
Sarasota, com.	2.5 E; RR S	25	28 S1	80 oct.
Sebring	4 SW;lake NE	200	20 S1	80 oct. Pwr line SW
Showalter Arpk. (Winter Pk.)	2 E; RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct. No sto. Trees S.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct. No sto. Pole line NE.
TAMPA Range (Peter O. Knight)	388 (TM)(116.1)	55°,2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct. Lgts and rgt repairs on prior req.
(P) Titusville-Cocoa(Titusville)	6 S; riv E	35	50h S6	80 oct. No sto.
* Titusville Int,20,MM-AG	1.3 NW;RR E	28	28 L3	
Tomoka (Daytona Beach)	7.8 NW	29	40h	
➝ Valkaria OLF (Melbourne)	8 SSE;RR E	26	40h	
(A) Venice AAF (A)	2 S; RR E	15	50h	P-lines N, E. CLOSED
Venice, mun.	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac. [Vero Beach]	242(VB)(116.1) 1 NW; RR E	24	MHTV 65h R1	(4); 116.1
Wauchula	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
(P) Witham (Stuart)	1.5 SE;RR SW	17	50h S1	
(P) Zephyrhills	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

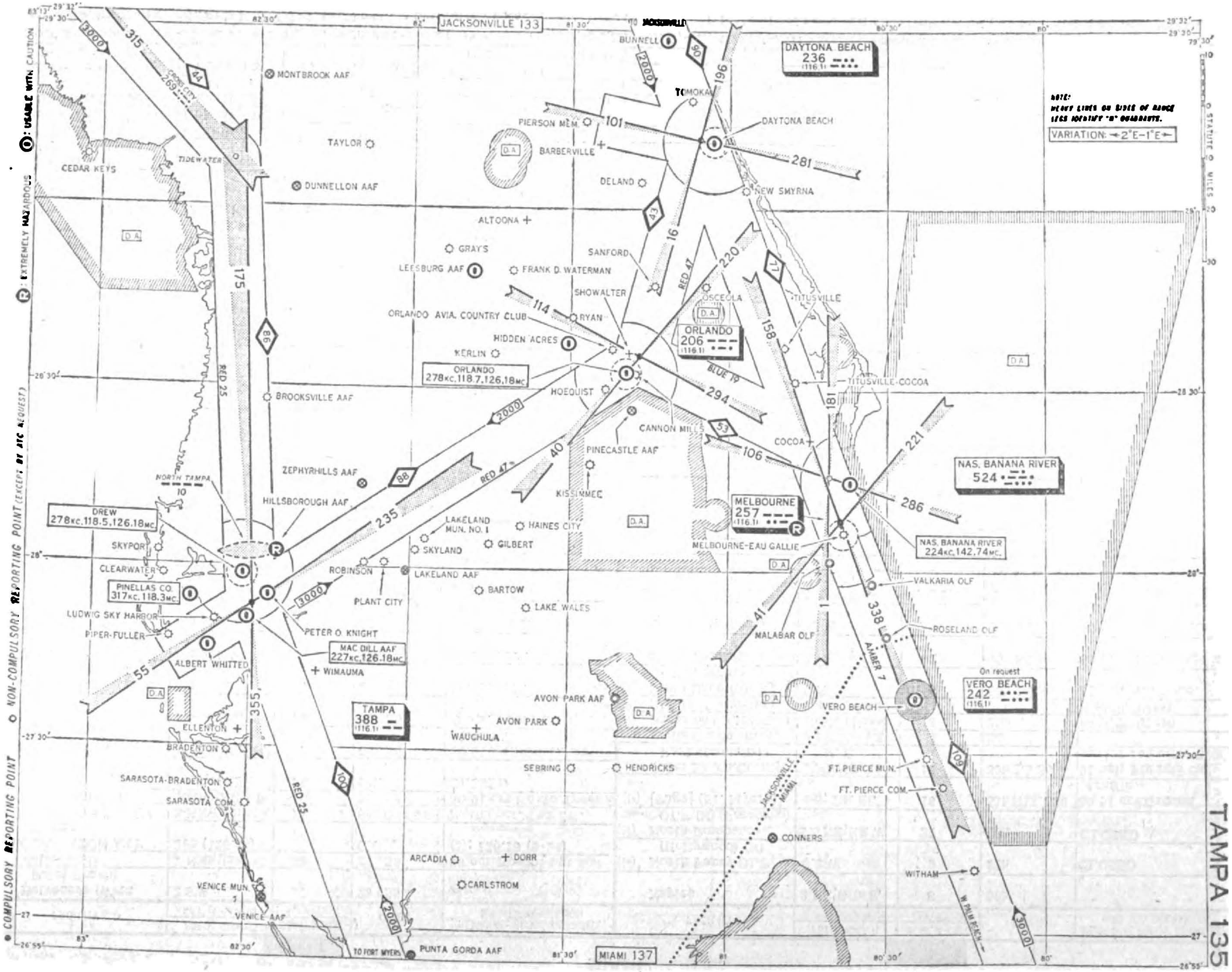
NEW FACILITIES

➝ Bunnell, (Fla.)	3.3 E	34	50h	
➝ Orlando Aviation Country Club (Winter Park,Fla.)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts on req. P-line N.
➝ Pierson Memorial, (Fla.)	0.5 N;hwy RR,W	70	21	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4405,6210 kcs. (4)-3105,4405,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

✣ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

➝ NEW OR REVISED DATA. (NC)-Not cleared. [ ]ones] Airline Stop


JACKSONVILLE 133
MIAMI 137
TAMPA 135
D: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O: NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
● COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "A" ROUTE SEGMENTS.
VARIATION: 2°E-1°E
STATUTE MILES
DAYTONA BEACH 236 (116.1)
ORLANDO 206 (116.1)
ORLANDO 278KC,118.7,126.18MC
DREW 278KC,118.5,126.18MC
PINELLAS CO. 317KC,118.3MC
MAC DILL AAF 227KC,126.18MC
TAMPA 388 (116.1)
MELBOURNE 257 (116.1)
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC,142.74MC
On request
VERO BEACH 242 (116.1)
BUNNELL
TOMOKA
DAYTONA BEACH
PIERSON MEM.
TAYLOR
BARBERVILLE
DELAND
NEW SMYRNA
MONTBROOK AAF
DUNNELLON AAF
CEDAR KEYS
TIDEWATER
ALTOONA
GRAYS
LEESBURG AAF
FRANK D. WATERMAN
SANFORD
SHOWALTER
OSCEOLA
TITUSVILLE
ORLANDO AVIA. COUNTRY CLUB
RYAN
HIDDEN ACRES
KERLIN
HOEQUIST
TITUSVILLE-COCOA
BROOKSVILLE AAF
CANNON MILLS
COCOA
PINECASTLE AAF
ZEPHYRHILLS AAF
NORTH TAMPA
HILLSBOROUGH AAF
KISSIMMEE
LAKELAND MUN. NO. 1
HAINES CITY
SKYLAND
GILBERT
MELBOURNE-EAU GALLIE
SKYPORT
CLEARWATER
ROBINSON
LAKELAND AAF
PLANT CITY
BARTOW
LAKE WALES
VALKARIA OLF
LUDWIG SKY HARBOR
PIPER-FULLER
PETER O KNIGHT
ALBERT WHITTED
WIMAUMA
MALABAR OLF
ROSELAND OLF
AVON PARK AAF
AVON PARK
WAUCHULA
VERO BEACH
ELLENTON
BRADENTON
SARASOTA-BRADENTON
SARASOTA COM.
SEBRING
HENDRICKS
FT. PIERCE MUN.
FT. PIERCE COM.
CONNERS
ARCADIA
DORR
CARLSTROM
WITHAM
VENICE MUN.
VENICE AAF
PUNTA GORDA AAF
TO FORT MYERS
RED 47
RED 25
AMBER 7
BLUE 19
JACKSONVILLE MIAMI
W PALM BEACH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Belvedere (West Palm Beach)	2 SW	17	25 S5	
Belle Glade	1 NNE;lake W	17	27 S6	73 oct. No sto. Lgt acft
BOCA RATON AAF Tower	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF(A)	2 NNW;canal E	13	64h R1 L5 S6	73,100 oct. Twr SE.
Brown (Miami)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E
(A) Buckingham (Fort Myers) (A)	10 E;riv SW	25	54h	CLOSED
Chapman (Miami)	11.5 SSW,RR W	3	40 S6	80,91 oct. No sto. Pwr line W.
Clewiston	1.6 SW;RR N	19	30 S6	80 oct. Pole line N,E,S, W.
(N) Forman OLF (Fort Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE.
Fort Lauderdale	5.3 NNW	14	40h	Trees sur fld.
(N) Fort Lauderdale NAS (N)	3.5 SSW; RR W	10	50h S1	100 oct. Fld avail. week-days prior req.
FORT MYERS Range (Page)	341(FM)(116.1)	38°, 3.6	SBRAZ-DTV	(4); 116.1
Homestead, mun.	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Arfld (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM	5.25 SE;RR SW	23	38 L2	
KEY WEST Range	332 (KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane)Tower (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91,100 oct No sto.
Lake Worth	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW; RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami)	8 NNW;RR W	9	74h R1 L5	Pwr line SE. (N)
[Meacham] (Key West)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range(Internat'l)	365(MM)(116.1)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower	278 (126.18, 118.5)		AC	(4); 131.9,126.18,118.5
(A) [Miami International - AAF)	5.5 NW;RR S	9	74h R2 L5 S6	91,100 oct. JP-1. FEE. 2-way rdo required. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW;RR E	91	36h	
MORRISON Tower	278 (126.18, 118.9)+		C	(4); 118.9,126.18,122.5
(A) Morrison (West Palm Beach)(A)	2 W;canal S	15	70h R2 L5 S5	73-100 oct. FOREIGN CLEARING STATION.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Naples	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N) (Pompano)	1.5 NE;RR W	21	40h	CLOSED
(P) [Page] (Ft. Myers)	4 S; RR SE	18	51h R1 L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req after 2300.
Punta Gorda, mun.	3 SSE;hwy E	4	24	
(N) Richmond NAS(LTA)	15 SW Miami	13	20h	INACTIVE (N)
(P) Riddle (Clewiston)	7.6 W;hwy N			ABANDONED
(P) South Dade County (Homestead)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami(Miami)	12 W		35h S4	80,91 oct. No sto. Data unver.
WEST PALM BEACH Range (Morrison)	209 (DWZ) (116.1)	89°, 2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

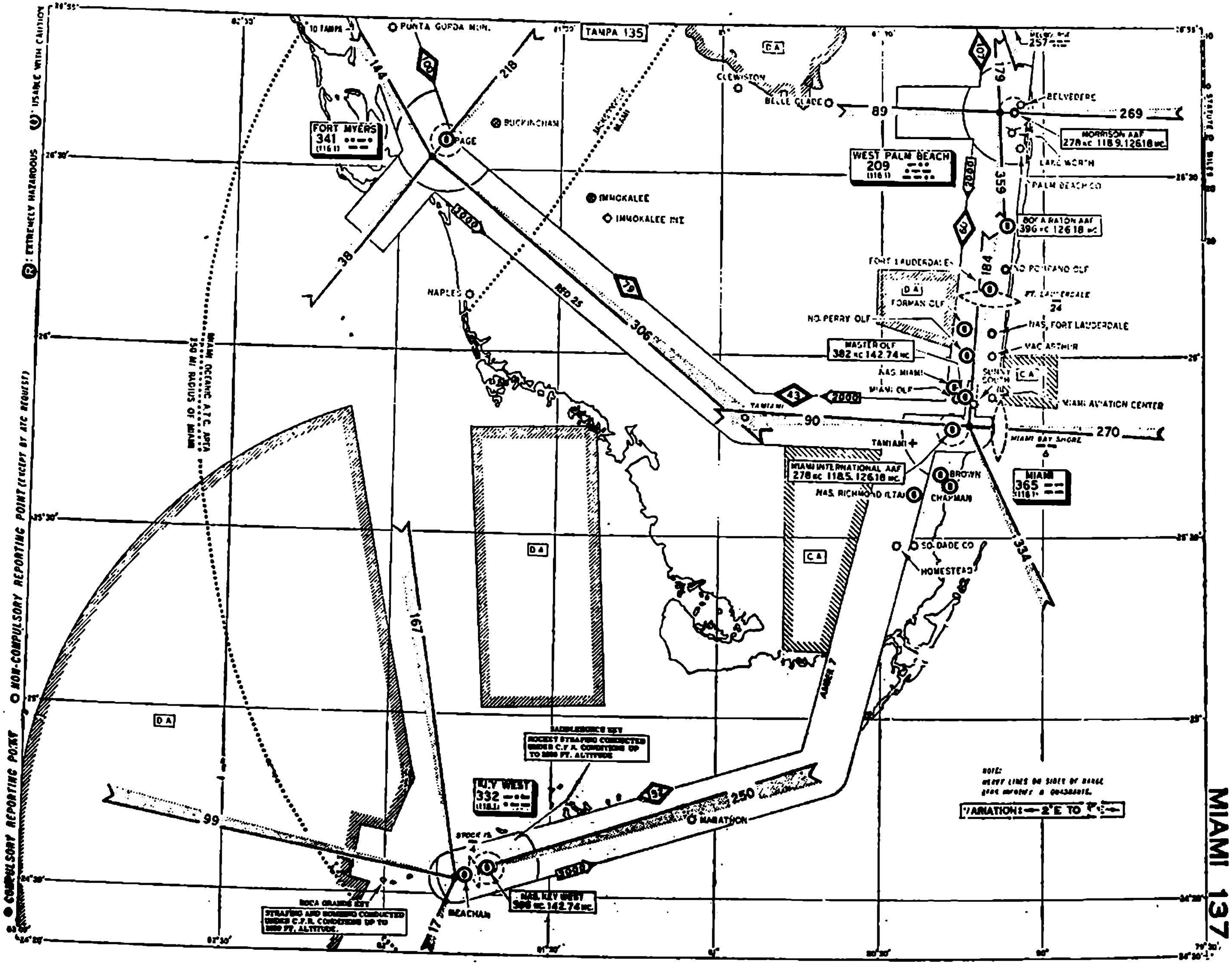
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


TAMPA 135
PUNTA GORDA MUN.
FORT MYERS
341
(116.1)
PAGE
BUCKINGHAM
IMMOKALEE
IMMOKALEE INT
NAPLES
CLEWISTON
BELLE GLADE
WEST PALM BEACH
209
(116.1)
BELVEDERE
269
MORRISON AAF
278 kc 118.9 126.18 mc
LAKE WORTH
PALM BEACH CO
BOCA RATON AAF
396 kc 126.18 mc
FORT LAUDERDALE
NO POMPANO OLF
FORMAN OLF
NO PERRY OLF
NAS, FORT LAUDERDALE
MASTER OLF
382 kc 142.74 mc
MAC ARTHUR
NAS MIAMI
MIAMI OLF
MIAMI AVIATION CENTER
90
TAMIAMI
270
MIAMI BAY SHORE
MIAMI INTERNATIONAL AAF
278 kc 118.5 126.18 mc
NAS RICHMOND (LTA)
BROWN
CHAPMAN
MIAMI
365
(118.1)
SO DADE CO
HOMESTEAD
MIAMI OCEANIC A.T.C. APTA
150 MI RADIUS OF MIAMI
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 5000 FT. ALTITUDE
KEY WEST
332
(118.3)
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 5000 FT. ALTITUDE.
BEACHAM
KEY WEST
396 kc 142.74 mc
99
250
306
218
144
38
167
17
25
79
97
43
41
176
359
184
334
7000
5000
DA
CA
AMBER 7
E: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
VARIATION: 2°E TO 3°E
NOTE:
HEAVY LINES ON SIDES OF BASIC GRAY INDICATE A CONSIDERABLE
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMK; 277°, 10.6	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
→ LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(116.1) (111.1)	SBRAZ-DTXV	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS);244°,3.8	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
→ ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	472(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
→ SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)
COLORADO			
AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
DENVER (Stapleton Airfield)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7
→ DENVER (Stapleton Airfld)	109.1(DV)(111.1, 116.1)	VAR-DTXV;211°, 9.7	(3);131.7.116.1
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122.5,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES,	109.9 (W)	333.8	247° Mag.	IM- (0.05)	MM-	(2.45) OM-
					MMK-	OMK-
STAPLETON	110.3 ·-· ·-·	335	206° Mag.	IM-	MM- ·-·- (0.64)	OM- — ·· (4.2)
					MMK-335 ···· (0.64)	OMK-359 —·· (4.2)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana) (N)	5 SE,RR,hwy W	380	72h R1 L5 S4	80,100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2650	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct, Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville) (A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54		
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(P) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	80,100 oct.JP-1.No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (Mines Field) (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int,3A,LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No ben. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct.No sto.Pwrline W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl.NAS(San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT.NO FACS.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.
COLORADO				
(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(N) BUCKLEY (NAS) (Denver)	12.5 ESE	5582	80h	
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct.Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1.
Ruston (Denver)	10 NNW;hwy W	5550	31 S1	80,91 oct.P-line NE,SW.E,W, blocked.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct.Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
NEW AIRPORTS				

DENVER AREA (SEE CHART 27)

LOS ANGELES AREA (SEE CHART 82)

DENVER
379
(111.4,116.1)

DENVER (VHF)
W-109.1
(111.1,116.1)

LOS ANGELES
260
(119.1,116.1)

LOS ANGELES (VHF)
W-109.1

NEWHALL
209
(116.1)

CHATSWORTH
341
(116.1)

BURBANK
248
(116.1)

LONG BEACH
233
(116.1)

GLENDALE
371

SCALE OF MILES

- DESIGNATED RADIO FIX
- NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BOXES LESS IDENTIFIED 8 QUADRANTS.

(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION

AIRPORTS LESS THAN 7500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.

RADIO

ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV	(3); 116.1
Chicago Airport	278 (126.18, 118.7,118.1)	AC (ILS);152°,2.2	(4);126.18,118.7,118.1,122.5
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - ·· -)	FM, 332°, 9.5	Chicago
FRANKLIN PARK	219 (L)	FMK; 332°, 9.5	Chicago
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JO)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Int.)	359 (ML)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - ·· -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS);100°,0.7	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- ··)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . ·· - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
→ Langley Field	278(126.18, 116.1)+	CA(GCA);102°,3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC, 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs., Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO, ILL.	109.9 (W)		132° Mag.	IM- ····· (0.04)	MM-	OM- -- (1.89)
					MMK- 201 ··· (0.71)	OMK-
CLEVELAND,OHIO	109.9 (W)		54° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.75)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

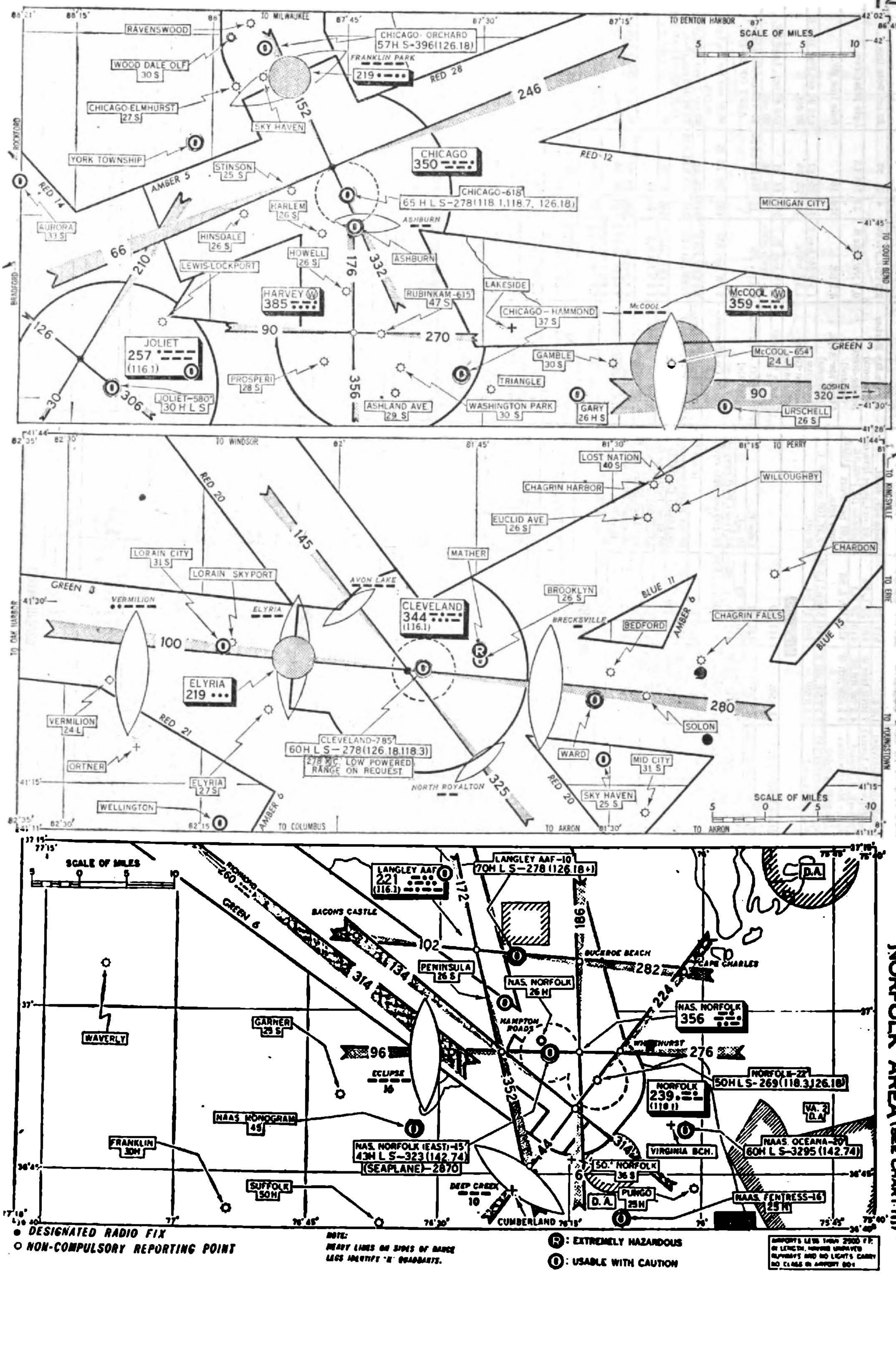
ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct. Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE; stack SE.
CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1.
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2 WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
→ Ravenswood (Des Plaines)	2.5 Sw;RR N	650	18 S6	80 oct. Allway fld.Trees S

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Rubinkam (Harvey)	2.5 SW,hwy N	615	47 L1 S5	73,80,91 oct. Use W part only.
St. Charles (NC)	3.5 E,RR E,S	760	18h	Pole line N.
→ Sky Haven (Bensenville)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE,hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE,hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW,hwy N	726	20 S6	80 oct. Use strips. Pole line N,E.
INDIANA				
→ Gamble (Hobart)	1.8 NNW,hwy S	650	25 S6	80,91oct. P-line NE,E.
→ Gary	6 S,hwy W	610	23 S6	80,91 oct. P-line E,SE,S,SW,W
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
★ McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E, RR N	650	24 S1	80,91 oct. Pole line E,S,W
Triangle (Dyer)	1.5 NE,RR E	630	33 S2	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE,hwy E	766	26 S2	80 oct. Pole line N
OHIO				
Bedford	2 NE,hwy W	1060	17 S2	73 oct.
Brooklyn (Cleveland)	5.5 SW,RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW,riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT. OF ENTRY.
Elyria	1.6 SSW,RR NW	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW,RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
Lorain City (Lorain)	2.1 SW,RR N	610	31 S4	80 oct. Pole line NE,SE. No sto.
Lorain Skyport (Lorain)	2.8 SW,hwy W	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N,lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
→ Mather (Cleveland)	5 SW;RR S			ABANDONED
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE,RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
★ Vermilion Int, 28, CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N,rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		36 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW,RR E	66	50h	
Virginia Beach	4.5 W,RR,hwy N	15	42 S4	80,91 oct. Pole line N.Data unver.
Waverly	2.5 NW,RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				

CHICAGO AREA (SEE CHART 341)



CLEVELAND AREA (SEE CHART 341)

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BASIC LEGS INDICATE "E" BOUNDARIES.

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT SIZE

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
ILLINOIS			
JERSEYVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	263 (DCD)	SBMRAPZ-DT	(4)
Scott Field	396 +	CA; 49°, 2.2	(4)
MISSOURI			
LAMBERT-ST. LOUIS ARPT. (St. Louis)	278 (126.18, 118.3)	AC (ILS);256°,2.2	(4);126.18,122.5,118.3
ST. LOUIS (Lambert -St. Louis Arpt.)	209 (LS)(116.1)	SBRAZ-DTXV	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK;69°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis.
OREGON			
PORTLAND	392 (PD) (118.1,111.1	SBRAZ-DTV	(3);116.1,122.1
Portland AAB	278 (126.18, 118.3)+	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland
TEXAS			
ALAMO (San Antonio) (San Antonio Arpt)	344(JR)(116.1)	MLZ-VDT; 174°,2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA;322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,122.5,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
STINSON San Antonio	209	CI	3105.6210 (10-18)
WASHINGTON			
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1, 122.5
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS);26°,1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260(SA)(116.1)	SBRAZ-VDTX,	(3);116.1,122.1
SEATTLE NAS (Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
NEW RADIO FACILITIES			
LA CENTER, WASH FM	(- - - -)	FM; 331°, 12	Portland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPV. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD (A)	109.9 (W)	333.8	337° Mag.	IM- (0.26)	MM- ·-·-·-(0.45)	OM- --(4.44)
					MMK-	OMK-
LAMBERT	110.3 (W)		238° Mag.	IM- ·-·-·-(0.06)	MM-	OM- --(3.98)
					MMK-201···(0.60)	OMK-
ALAMO	109.9 ·--· ·--	333.8	30° Mag.	IM-	MM- ·---(0.54)	OM- --(4.4)
					MMK-	OMK-
				IM-	MM	OM-
					MMK-	OMK-

S Simul Range and Voice. W Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 126.1, 137.88, 140.58 mcs.

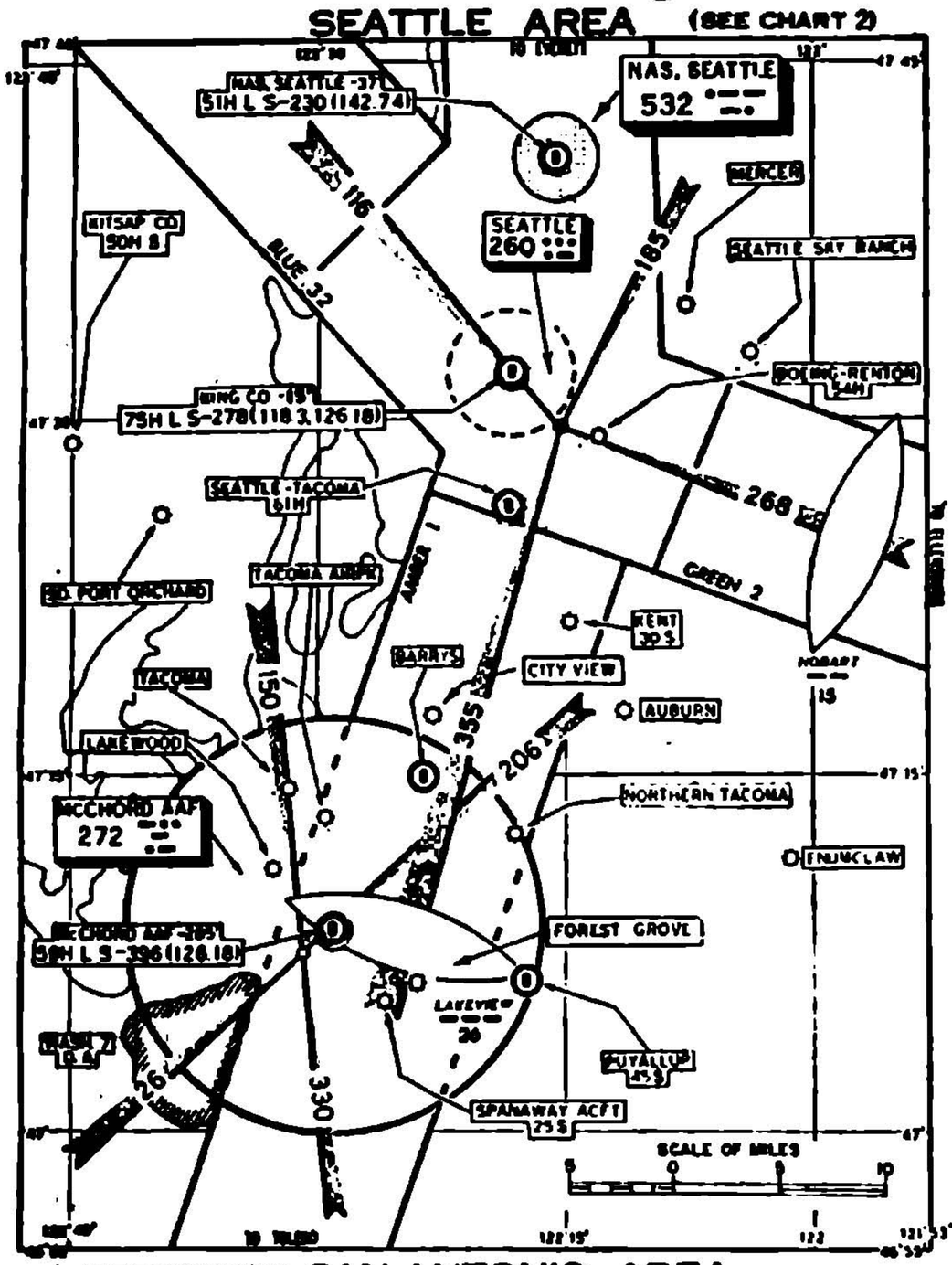
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ILLINOIS				
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St.Louis)	7 NNE,lake W	420	32 L S6	80,91 oct.Port lgts on req.SE
Parks(E.St.Louis)	4.2 SW.RR SE	410	26 L1	Obsts on fld.
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	17h L S6	80,91 oct.Port rnwy lgts. blkd.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. JP-1.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.
MISSOURI				
Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis)	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct.Port rnwy lgts.
(N)LAMBERT-ST.LOUIS (St. Louis) (NAS)	10.6 NW,hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct.Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW,riv N	438	20h	(St.Louis) CLOSED
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct.Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct.Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct.Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct.Pole line NE,N.
OREGON				
P Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.6 WNW,RR E	200	29 S1	73 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst SSE.
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R3 L6 S6	100 oct;Ltd 73 oct.JP-1 No sto. Pole W,lgtd.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct. NATS
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E.
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.
TEXAS				
Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct.Poles,trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurt (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEARSTN
Kuehler(New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct.Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct.No sto.P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct.No sto. (A)
SAN ANTONIO MUN, ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	73,80 oct.
Stinson(San Antonio)	6.2 SSE,RR E	567	49h R1	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	
WASHINGTON				
Auburn	1.8 ESE,hwy S	276	20 S6	80 oct. Trees.

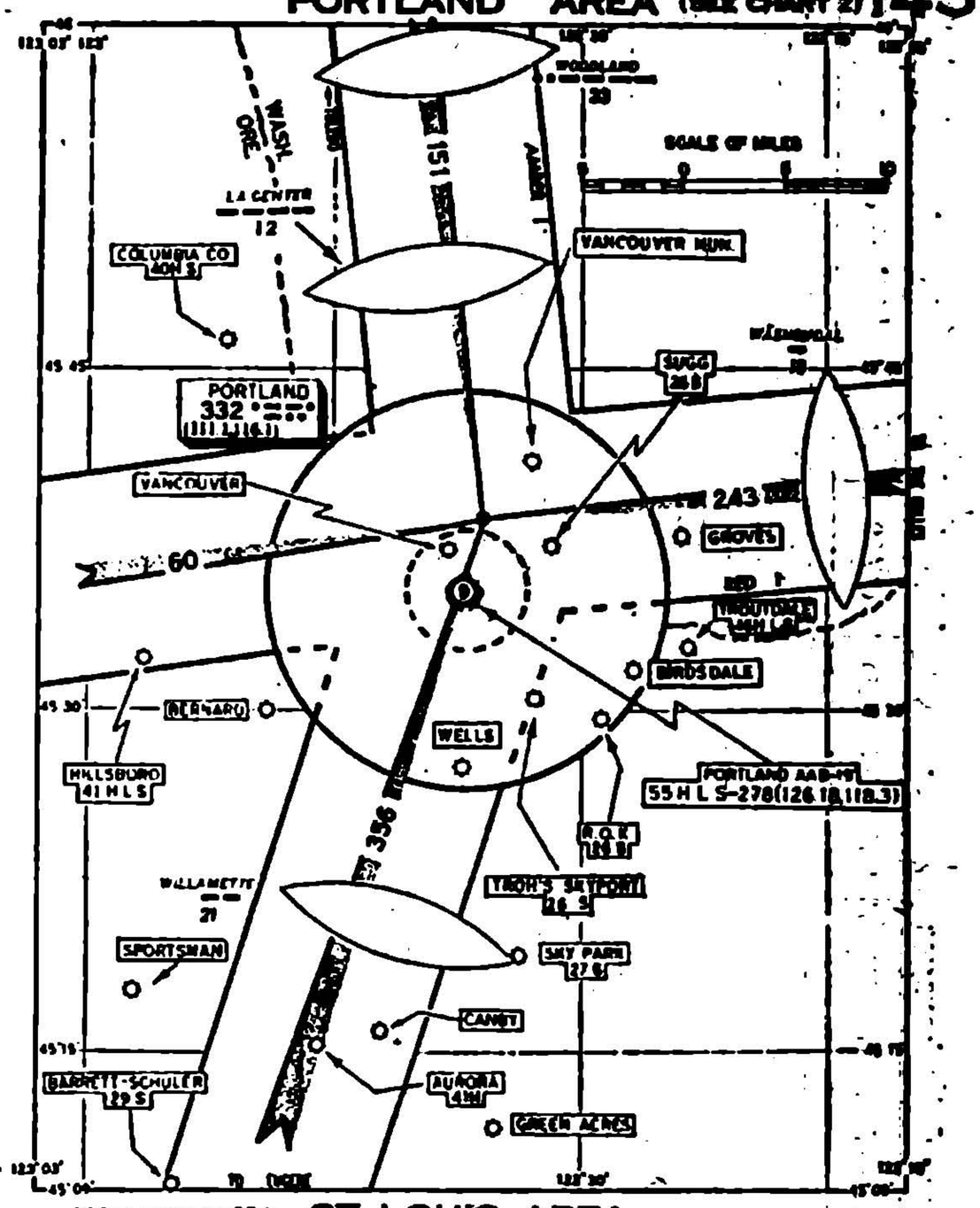
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	6 S,riv SW	15	75h R2 L5 S6	80-100 oct.No sto. **ARPT OF ENTRY.**
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto.Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Bellevue)	4.1 ESE,lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1/L6 S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S1	80 oct.Pole line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.
NEW AIRPORTS				
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E,S.
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.

A-hard surfaced runways. R-radio facilities. (-)-lighting facilities. S-serving city (See page 18). NC-not charted. ➡ NEW OR REVISED DATA

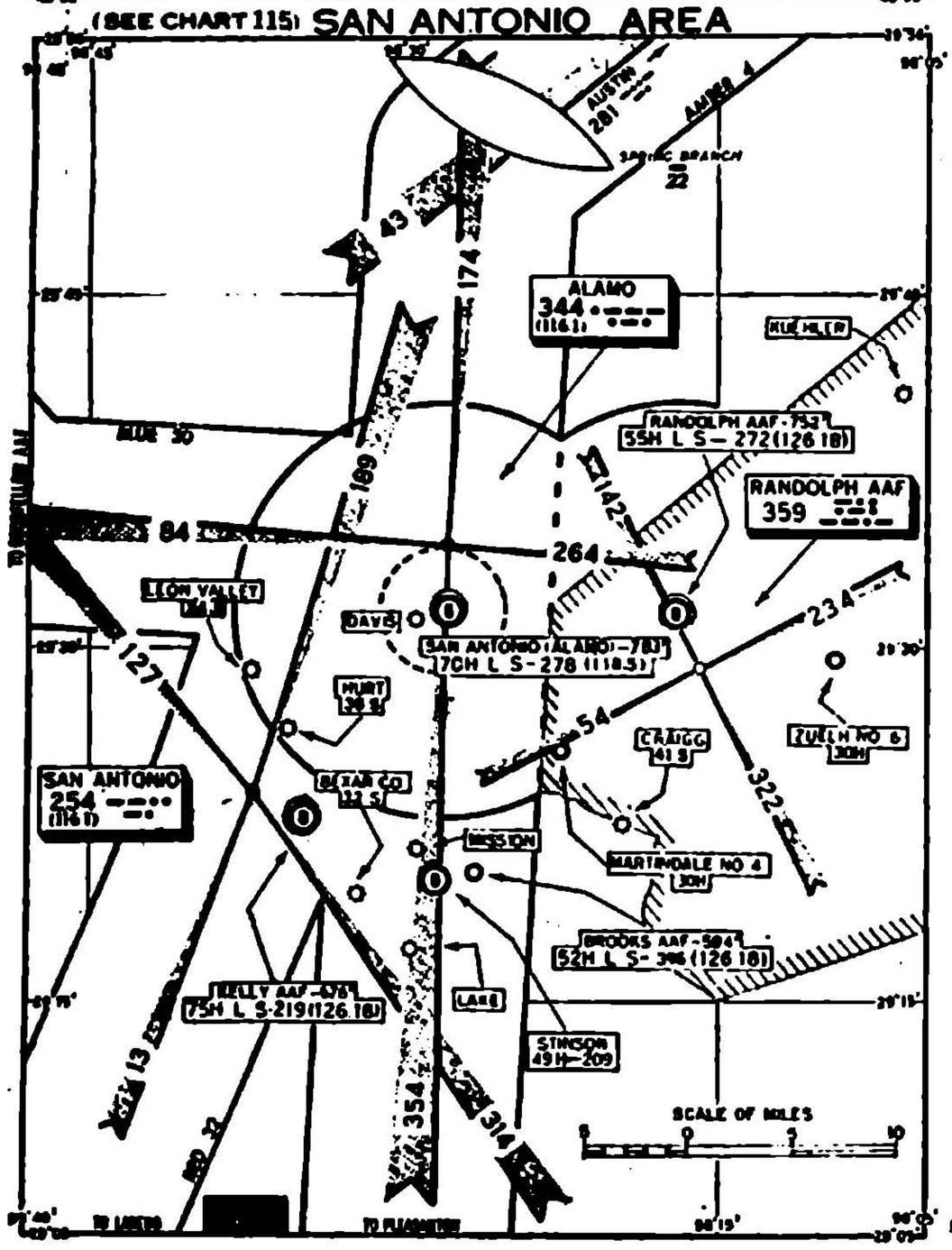
SEATTLE AREA (SEE CHART 2)



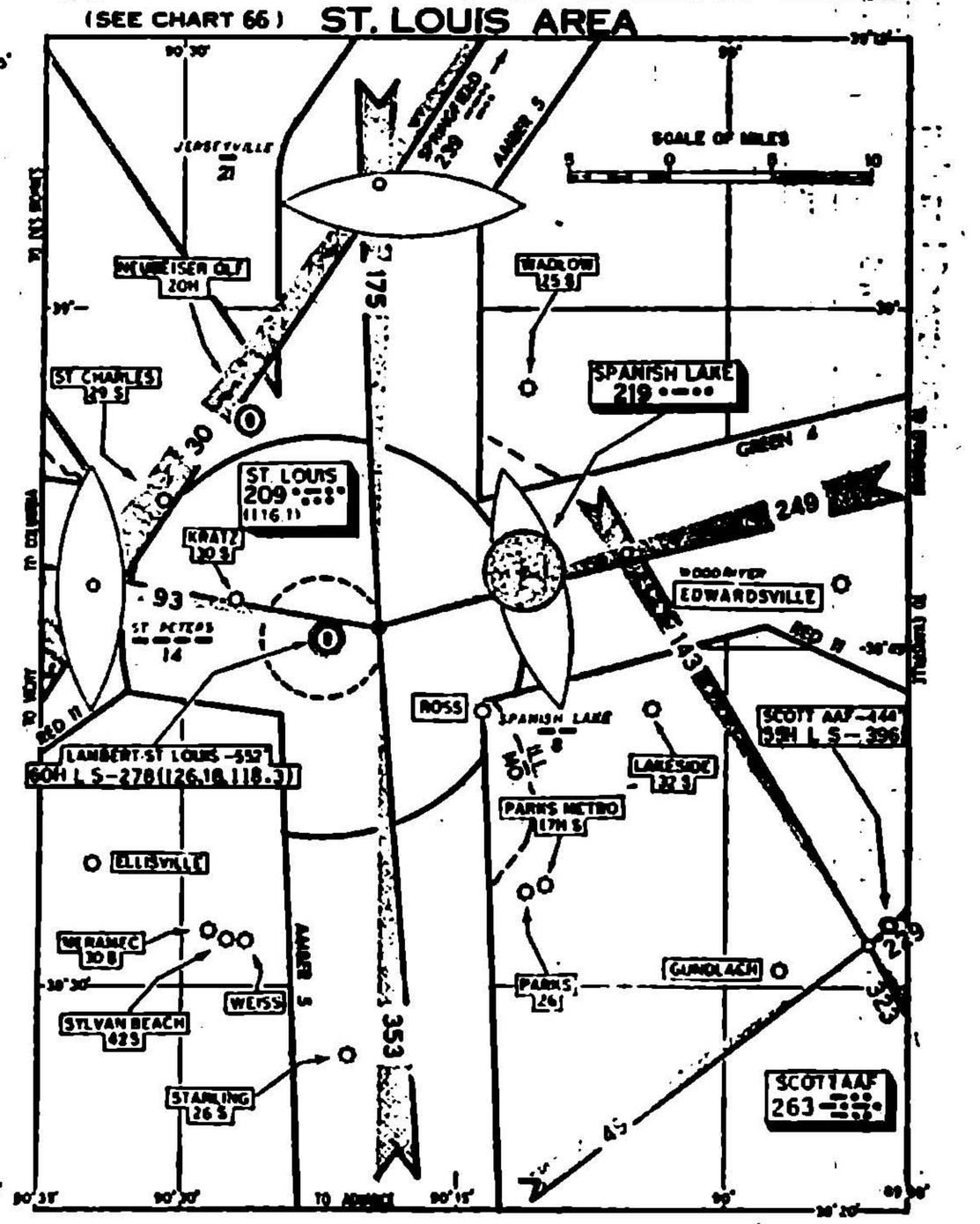
PORTLAND AREA (SEE CHART 2)



SAN ANTONIO AREA (SEE CHART 115)



ST. LOUIS AREA (SEE CHART 66)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(!): USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct,Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE. Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 115		FLORIDA		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct,Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct,Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct, Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct. Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl	INACTIVE
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S4	80,91 oct. Ramps;beach.All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
Shreveport, Cross Lake	5 NW	170	100 S4	80 oct,dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach, N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	435	40	Buoys; boat. Trees N,S,W.

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		MAINE		
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE			ABANDONED
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
Baltimore,Middle River	10 E	S.L.	Unl	
Baltimore	6 SE;bay E		100 L1 S1	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

R radio facilities. L lighting facilities. S servicing. (See page 11) → NEW OR REVISED DATA N.B. Seaplane bases and anchorages are not charted or indexed.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N) New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L.	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N) Quonset Pt.NAS(Providence)(N)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs.
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
" Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp.100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N) Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3 7 SSE:RR W	220	32 S4	80 oct. Trees sur lake.
(N) Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp: all fac prior req.
Orlando,Davis-Big Lake Airview (Fla.)	2.5 NW	90	80 S1	80 oct.Ramp, dock
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.
Fort Worth (Tex.)	9 WNW,E shore		100 S4	80 Oct. Docks, floats
➤ Sausalito (Calif.)	Richardson Bay		Unl S4	80,91 oct.Data unver.
➤ Tippecanoe (Leesburg,Ind.)	3.5 E		211 S4	80 oct.No sto.Data unver.W end of lake
➤ Thompson (Louisville,Ky.)	In town		Unl	S side Ohio river;E of bridge.

✓ CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

NOTICES TO AIRMEN

INTRODUCTION

PROCEDURAL STATEMENT: The "Airman's Guide" no longer has a separate section for the DIRECTORY OF AIRPORT or the AIR NAVIGATION RADIO AIDS. These two sections are now inserted as data pages between the flight planning charts. To retain the two-page chart flow, however, the data pages are found on the reverse sides of the charts rather than facing them. On the data pages are tabulated all the data covering the facilities charts on the reverse sides and formerly found in the DIRECTORY OF AIRPORTS and AIR NAVIGATION RADIO AIDS sections.

To facilitate reference to a particular facility, an Index of Facility Locations with the parenthetical number of the page on which the locale is charted has been added to the revised AIRMAN'S GUIDE, e.g., Chicago (139). On the back of page 139 will be found the Air Navigation Radio Aids and the Directory of Airports data covering Chicago.

Because of the serious paper shortage every means of reducing the Airman's Guide bulk has been investigated. Codification and considerable abbreviation are already being utilized. No material may be deleted, however, in this paper conservation program because surveys have revealed that subscribers consider all parts of the Guide essential. Consequently, about the ultimate step in this bulk-reduction direction has just been taken. The data pages backing the charts now serve, where possible, as notam pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with Ⓡ (for red flag) symbols on the charts, are now cited in the Notices to Airmen section

Notamizing on the charts is effected by use of the super-imposed Ⓡ and Ⓒ symbols. The Ⓡ (for red flag) indicates a very hazardous condition or a major change. The Ⓞ symbol (for orange flag) indicates a minor change or hazardous condition with the facility still usable with caution. The pertinent details to which these symbols refer will be found listed in the Notices to Airmen section under the facility name (and state) by which they are charted.

Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication. All changes from the previous issue, whether cited in the Notices to Airmen section, or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes. Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted. This is a tinted horizontal line following the last tabulated facility and titled either New Radio Facilities or New Airports.

Space below the tinted horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data, but new airports and radio aids are listed, necessarily out of alphabetical alignment, below the tinted horizontal lines until the page is re-typed.

In summation: (a) On the data pages backing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen, citations covering new or revised radio data are prefixed by one large star "★". Citations covering new or revised airport, or miscellaneous data, are prefixed by two asterisks "**".

All temporary conditions (field soft, runway under construction, range course out of alignment, etc.) are cited in full until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported.

To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

SPECIAL NOTICES

CIVIL FACILITY DATA: Please advise immediately the Office of Aviation Information, Attention A-250, C.A.A., Department of Commerce, Washington 25, D.C., whenever temporary conditions covering civil airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civil fields, or AAF Radio Facilities, and Danger or Caution Area activation, as well as requests for approval for the closing of any Army airfields to transient military aircraft for a period in excess of 10 days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D.C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 95-45 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as recrientation of radio ranges.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 95-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 95-2 and AAF Regulation 95-2A, which state in part: "The use by Army aircraft of civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Federal Government, is not authorized except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major AAF command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks Section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks Section of the flight plan as "authorized flight"

All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major AAF commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) "Official Business", within the meaning of AAF Regulation 95-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions

✓ Indicates new or revised Special Notice

in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy on Army Use of Temporarily Inactive Army Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein by the following notice: "Army temp inactive - civil facs". (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the commanding officer of the organization to which the aircraft is assigned. Such airfields will be identified herein by the following notice: "Temp inactive-no facs." Above policy statement is not to be construed as countermanding any AAF regulations or letters governing command use of municipal airports or Army airfields.

(4) "CLOSED" Army Airfields. Certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed from time to time as "CLOSED" under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF. Such airfields will be used on official business only under written orders in each case.

CHANGES IN LISTING PROCEDURE FOR ARMY AIR FORCE AIRFIELDS: In an effort to simplify the use of the Airman's Guide within the printing limitations imposed by the Government Printing Office, notices on Army airfields that are closed or temporarily inactive or surplus to Army Air Forces will be carried in the Directory of Airports section thereby eliminating the necessity for checking in more than one section to obtain the correct status of an airport. Minor restrictions such as hours of operation, service, and hazards will continue to be listed in the Notices to Airmen Section. The following procedure is now in effect:

(a) The term "CLOSED" will be shown in Directory Section only, for all AAF airfields that are closed to all transient traffic except on official business or in emergency. The legend page of the Directory will give such a definition for "CLOSED". Airports that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by the W.A.A. will also be listed as "CLOSED".

(b) AAF airfields that now carry notices of "Army temp inactive-civil facs" or "Temp inactive. No facs (See Special Notice re use)" will now have such citations carried in the Directory Section only.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-5D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with T.O. 01-230 HB-13 and -14.

*R-5D helicopters No. 43-46643 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4 Army aircraft with destinations listed as follows or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. ALASKA - McChord Field, Wash.; or Great Falls AAF, Mont. BERMUDA - Mitchel Field, N. Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARIBBEAN-Morrison Fld, Fla., & Kelly Fld, Tex.; ENGLAND, GREENLAND, NOVA SCOTIA, ICELAND, NEWFOUNDLAND, NO. IRELAND- Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change. Reference: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. In addition to the Flight Service clearance, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan, or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communication stations as heretofore required, and will then make position reports to AACS Airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways" This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS) *AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS
C	137.88 mc.	AACS AIRWAYS (PLAN 62) *Control Towers
D	140.58 mc.	MILITARY EMERGENCY AND GCA FINAL APPROACH CONTROL

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.

(10) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 " 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 89
Cleveland Cincinnati Detroit Chicago St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691,88692
Fort Worth San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107,7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 770
Great Falls Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

✓ CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 65-9 of January 21, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area, (encompassed by a 25-mi.radius from the southern tip of Manhattan. (A) FLIGHTS INTO THIS AREA: AAF aircraft flying into the area will be initially cleared for Mitchel Field and if a landing is desired at any other field in the area, a change of flight plan must be secured through Mitchell Field (Army Flight Service). Such changes of flight plan may be approved under the following conditions only: (1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more. (2) IFR. (a) When the visibility is not less than 1 mi. and the ceiling is unlimited. (b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'. (B) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the A.T.C. are exempted from the above restrictions.

OPERATION OF ARMY HF/DF STATIONS: HF direction finding net listed on page 91, AAF Radio Facility Charts, dated Jan. 7, 1947, is unreliable,and bearings and fixes given should be used with caution. This condition will exist for an indefinite period due to malfunctioning of equipment.

VHF CHANNEL ASSIGNMENTS:

Following are Army assignments:

CHANNEL		ARMY FREQUENCY
A	--	116.1
B	--	126.18
C	--	137.88
D	--	140.58
G	--	137.70
H	--	134.10
U	--	108.3
V	--	108.7
W	--	109.1

Following are Navy assignments:

CHANNEL		NAVY FREQUENCY
A	--	116.1
B	--	126.18
C	--	140.58
D	--	142.74
1	--	124.38
2	--	128.70
3	--	142.02
4	--	142.56
5	--	144.36
6	--	146.16

✓ NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows: HF Communications: 3475, 4890, 6640 kcs. VHF Communications - 134.64, 142.02, 143.64 mcs. As a safety precaution Navy GCA Units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency. In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs, and receive on 1500 to 9050 kcs. to aid any plane in emergency. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA Unit. If the pilot is unable to transmit or receive on the standard GCA frequencies, arrangements can be made through the control tower for the GCA Unit to shift to frequencies the plane can use, in the HF and VHF bands listed above. Navy GCA Operational Units are listed as follows: Charlestown NAAS, R.I.; Corpus Christi NAS, Tex.; Jacksonville NAS (Lee Fld.), Fla.; Moffett Field NAS, Calif.; Miramar MCAS, Calif.; New York NAS (Floyd Bennett), N. Y.; Norfolk NAS, Va.; Olathe NAS, Kans.; Oakland NAS, Calif.; Patuxent River NAS, Md.; Saufley Field NAAS, Fla.; Seattle NAS, Wash.; Whidbey Island NAS, Wash.; Weather minimums range from 100' and 1/4 mi. to 200' and 3/4 mi. All the stations except Moffett Field, Calif., and Patuxent River, Md., which are in continuous operation, require 30 to 60 minutes warm-up.

✓ ARMY GROUND CONTROLLED APPROACH (GCA): (A) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555,

request GCA". (B) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA Unit. Example: "Army 5555 this is Andrews Tower, do you have channel G, over". "Andrews Tower this is Army 5555, channel G available, over". "Army 5555 this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555 this is Andrews GCA, your position is now etc . . .". (C) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay GCA approach instructions to the pilot. However, from a safety standpoint this procedure should be used as an emergency contingent only. (D) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

(E) INDEX OF GCA UNITS IN CONTINENTAL UNITED STATES:

ARMY GCA FACILITIES

STATION	FREQUENCIES Transmitting	FREQUENCIES Receiving	HOURS OF OPERATION	WEATHER MINIMUMS	REMARKS
Fairfield Suisun AAF, Calif.	126.18,128.16, 131.40,134.10, 137.70,137.88 140.58;3475, 4890,6640 kc.	278 kc.or any freq. between 1500-18,000 kc. on req.	1100-1900 Mon-Fri.; 30 min. standby for emerg.& IFR other times.	Day-200' ceiling-1 mi.vis. Night-300' ceiling 1 mi. visibility	Tng,emerg. and IFR
Barksdale Fld, La.	126.18,137.88, 140.58,137.70, 134.10 mc. 4890,3475,6640 kcs.	126.18, 137.88, 140.58, 137.70, 134.10 mc. 4495,6210 kcs.	0800-1700 Mon thru Friday		For Instrument Training.
Westover Field, Mass.	C,D Channels	C,D Channels	One hr's notice		Probably in cont. oper. March 1.
Andrews Field, Md.	116.10,126.18, 134.10,137.70, 137.88,140.58 mcs.;3475,4890, 6640 kcs.	116.10, 126.18, 134.10, 137.70, 137.88, 140,58 mc. 3105,4495, 6210 kcs.	Cont.during IFR 0800-1700 daily & on 30 min. req.1700-0800 CFR		
Clinton Co.AAF, Ohio	116.1,137.70, 126.18,137.88, 140.58,134.10, mc.;3105,6440, 3475,4890,4495 kcs.	116.1, 137.70, 126.18, 137.88, 140.58, 134.10 mc.; 3105,6440, 3475,4890, 4495 kcs.	0600-2200 daily or 2200-0800 IFR or on 30 min. notice thru tower		
Langley Field, VA.	3475,4890,6640 kc.;116.1,126.18, 137.88,140.58, 134.1,137.7 mcs.	3105,4495, 6210 kcs.; 116.1, 126.18,137.88, 140.58,134.1, 137.7 mcs.			
Mitchel Field, N. Y.	116.10,126.18, 137.88,140.58, 134.10,137.70; 3475,4890,6640 kcs.	116.1,126.18, 137.88,140.58, 137.70,134.10 mcs.;3105, 4495,4765 kc.	Cont.during IFR,GCA 500' practices 0900-1130 and 1300-1630 during CFR or on req.during CFR within 40 min.		

FOREIGN ENTRY PROCEDURES; AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS FOR CFR FLIGHTS, CANADIAN INSTRUMENT FLIGHT RULE FLIGHT, FLIGHT INTO PANAMA CANAL ZONE, CARIBBEAN AREA - RADIOBEACONS FOR USE WITH ADF: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

✓ MEXICAN ENTRY FEES: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for Customs Inspection. Changes may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan, Puerto Rico, is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D.C. The Commanding Officer NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grande Airport.

✓ NEW PRIV.FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

CAA communications stns will reply to itinerant aircraft on 111.1 mcs or the voice channel of the VHF radio range. CAA arpt control towers will reply to itinerant acft on 1 of the freqs. 118.3,118.5,118.7,or 118.9 mcs.See individual data pages in AIRCH for inclusion of these freqs. as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

SURVEY OF AIRCRAFT OWNERS: The CAA is conducting a survey to obtain better information on the kind and amount of personal flying now being done in the country, and shortly will send out 25,000 survey cards. By choosing a good "sample" of the personal fliers, the CAA hopes to obtain information that will adequately reflect the activities of the 85,000 owners of aircraft in the U.S. It is highly important, however, that as many of the 25,000 cards as possible be returned, since this is the only means by which the CAA can obtain authoritative information on which to base its statistics. These statistics will be used by the whole industry, and the safety figures resulting from them may have effect on many things, including the insurance rates being charged in private flying. All survey card recipients are urged to fill in the questionnaires and return them as soon as possible.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Effective Feb. 18, 1947, revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

NEW YORK OVERSEAS FOREIGN AERONAUTICAL STATION: Effective Dec. 4, 1946, the broadcast of navigation reports by WSY changed times of transmission and added the frequencies as follows: at 0200, 0400, 0600, 0800, 1000 and 1200 GMT broadcast is made simultaneously on 3380, 8720 and 12395 kcs. At 1400, 1600, 1800, 2000, 2200, and 2400 GMT, broadcast will be made simultaneously on 3380, 5960, 8720, 12395 and 16250 kcs. Form and contents of broadcast remain unchanged. Concurrently, the hourly metar and notam bdcasts are transmitted at 55 minutes past each hour between the hours of 0055 through 1155 GMT on 3380, 8720, and 12395 kcs., and between the hours of 1255 and 2355 GMT on 3380, 5960, 8720, 12395, and 16250 kcs. Contents of the metar and notam broadcast remain unchanged. The broadcast at 25 minutes past each hour was discontinued. Comments concerning the effectiveness of the above services will be appreciated.

REDESIGNATION OF CANADIAN AIR ROUTE: Effective Jan. 15, 1947, Paragraph 8.1 of Information Circular 0/55/96 was amended as follows: "8.1 Red Route No. 2. From the intersection of the SE leg of Regina, Sask. range and U.S.-Canadian Border, via Regina, Sask. range to Saskatoon, Sask. range".

ADDITION TO MONCTON (OCEANIC) A.T.C. AREA: Effective Feb. 1, 1947, the following was added to the Moncton (Oceanic) A.T.C. Area: . . . That portion of the North Atlantic Control Area assigned by the Provisional International Civil Aviation Organization to the Moncton Oceanic Centre within the following limits: From 66-30N and 60° W, south to the coast of Labrador and following this coast S to the outermost tangent lines from the E coast of Labrador to the Eastern coast of Newfoundland and along this tangent line to the coast of Newfoundland, then following the coast of Newfoundland to its southernmost tip, then along a line direct to the southernmost tip of Nova Scotia, then directly S to the 43rd parallel, E along the 43rd parallel to the 30th meridian, N to the 61st parallel, W along this parallel to a point 100 miles E of the E coast of Greenland, then following a line 100 miles seaward from the S and W coasts of Greenland to the 66-30N parallel, thence W along this parallel to the 60th meridian.

REDESIGNATION OF CIVIL AIRWAYS: Effective March 15, 1947, Part 600 of the Regulations of the Administrator will be amended so that the airway designations will read in whole or in part as follows: (1) Green airway #5 (Los Angeles to Boston) . . . Mitchel Field (Army) rng stn, the intersection of the NE leg of Mitchel Field (Army) and the SW leg of Boston to the intersection of the SW leg of Boston and the SE leg of Westfield. (2) Amber airway #4 (Brownsville to Minot) . . . Bismarck rng stn and the intersection of the N leg of Bismarck and the SE leg of Minot to Minot rng stn. (3) Red airway #1 (Portland to Kansas City, Mo.). . . Fort Bridger,Wyo. range stn. From the intersection of the NW leg of Laramie,Wyo. and the NW leg of Cheyenne,Wyo. via Laramie, Wyo. and the NW leg of Cheyenne via Laramie, Wyo. range stn to the intersection of the SE leg of Laramie and the N leg of Denver... (4)Red airway #6 (Las Vegas to Grand Island). From the intersection of the NE leg of Las Vegas, Nev. VHF radio range and the SW leg of St. George VHF radio range via St. George VHF radio range; Bryce Canyon VHF range stn; Hanksville, Utah VHF rdo rng stn.; the intersection of the NE leg of Hanksville VHF rng and the SW leg of Grand Juction VHF rng; Grand Juction VHF rng stn; the intersection of the NE leg of Grand Junction VHF range and the SW leg of Eagle;Eagle VHF rng stn to the intersection of the NE leg of Eagle VHF rng and the W leg of Denver,Colo. VHF rng to Denver, Colo. VHF rng stn. . . (5) Red airway #13 (Sunbury to Boston). . . Stewart Field rng stn; New Hackensack, rng stn; Hartford rng stn. . . (6) Red airway #19 (Washington to Grand Rapids). From the intersection of the W leg of Front Royal and the SE leg of Morgantown via Morgantown rng stn to the intersection of the NW leg of Morgantown and the W leg of Pittsburgh . . . (7) Red airway #33 (Richmond to New Hackensack) From Richmond rng stn via Gordonsville rng stn. . . (8) Red airway #37 (Dallas to Washington). From the intersection of the NW leg of Tyler, Tex. and the E leg of Dallas via Tyler rng stn to the intersection of the NE leg of Tyler and the W leg of Shreveport. From the intersection of the NE leg of Texarkana and the SW leg of Little Rock via Little Rock rng stn; Stuttgart rng stn to the intersection of the E leg of Stuttgart and the W leg of Memphis. . . (9) Red airway #50 (Galena to Fairbanks). From the intersection of the E leg of Galena and the SW leg of Tanana via Tanana rng stn to the intersection of the SE leg of Tanana and the W leg of Fairbanks. From Nenana rng stn to the intersection of the SE leg of Nenana and the SW leg of Fairbanks. (10) Red airway #60 (Oakland to Stockton). From Oakland rng stn via Stockton rng stn; to the intersection of the E leg of Stockton rng stn and the SE leg of Sacramento rng stn. (11) Blue airway #18 (Philadelphia to Burlington). From the intersection of the NE leg of Philadelphia and the SW leg of New York (La Guardia) via the intersection of the NE leg of Philadelphia and the SW leg of Idlewild; Idlewild range stn. . . (12) Blue airway #36 (Akron,Colo. to North Platte). From Akron rng stn to North Platte rng stn. (13) Amber airway #7 (Key West to Caribou). From Key West rng stn via a point at lat 24-51-20, long. 80-40-20; Miami rng stn . . . . . Richmond, Va. rng stn; the intersection of the N leg of Richmond and the S leg of Washington; Washington rng stn; the intersection of the NE leg of Washington and the SW leg of Philadelphia; Philadelphia rng stn; Newark rng stn; the intersection of the NE leg of Newark and the NE leg of New York (La Guardia); Hartford rng stn. . . (14) Bismarck,N.D. to Minot, N.D. civil airway will be cancelled.

REDESIGNATION OF RADIO FIXES: Effective March 15, 1947, Part 601 of the Regulations of the Administrator will be amended so that the radio fix designations will read in whole or in part as follows: (1) Green airway #2 (Seattle to Boston). . . La Crosse, Wis. rng stn; Lone Rock rng stn; Milwaukee rng stn; Muskegon rng stn; Grand Rapids rng stn. . . (2) Green airway #3 (San Francisco to New York). . . Cheyenne rng stn; the intersection of the SE leg of Scottsbluff and the W leg of North Platte; North Platte rng stn. . . (3) Green airway #5 (Los Angeles to Boston). . . Columbus rng stn; El Paso rng stn. . . . . Gordonsville rng stn; Doncaster fan type rdo marker stn or the intxn of NE leg of Gordonsville and the S leg of Washington; Brandywine rng stn; the intersection of the SE leg of Baltimore and the SW leg of Millville; Millville rng stn; the intersection of the SE leg of Hartford and the SW leg of Boston. (4) Amber airway #4 (Brownsville to Minot). . . Waco rng stn; the intersection of the E leg of Granbury and the S leg of Ft.Worth; Marietta fan type rdo marker stn or the intersection of the N leg of Ft. Worth and the S leg of Oklahoma City; Oklahoma City rng stn. . . (5) Amber airway #7 (Key West to Caribou). . . Newark rng stn; Portland rng stn; Augusta rng stn; Bangor rng stn; Millinocket rng stn; Presque Isle rng station. (6) Red airway #1 (Portland to Kansas City). . . Burley rng stn; Laramie rng stn; Salina rng stn. (7) Red airway #6 (Las Vegas to Grand Island). St. George VHF rng stn; Hanksville VHF rng stn; Eagle VHF rng stn; Akron rng stn; Hayes Center rng stn. (8) Red airway #13 (Sunbury to Boston). Wilkes-Barre rng stn; Stewart Fld rng stn; the intersection of the SW leg of Boston and the W leg of Providence; Providence rng stn. (9) Red airway #19 (Washington to Grand Rapids). Fort Wayne rng stn. (10) Red airway #33 (Richmond to Boston). Arcola rng stn; the intersection of the NE leg of Arcola and the W leg of Baltimore. (11) Red airway #37 (Dallas to Washington). Tyler rng stn; Little Rock rng stn. (12) Red airway #60 (Oakland to Stockton). Stockton rng stn. (13) Blue airway #4 (Boston to U.S.-Canadian Border) Burlington rng stn; Concord rng stn. (14) Blue airway #11 (Cleveland to Niagara Falls). Erie rng stn.

REDESIGNATION OF AIRWAY TRAFFIC CONTROL AREAS: Effective March 15, 1947, Part 601 of the Regulations of the Administrator will be amended so that the Airway Traffic Control Areas will read in whole or in part as follows: (1) Amber airway #4 ATC Area (Brownsville to Minot). All of Amber airway #4. (2) Red airway #1 ATC Area (Portland to Kansas City). All of Red airway #1 from Portland rng stn to the intersection of the SE leg of Laramie and the N leg of Denver. From Akron rng stn to a line extended at right angles across such airway thru a point 25 mi. SE of Akron rng stn; from such line and between the altitudes of 6500' above mean sea level and 8500' above mean sea level to a line

extended at right angles across such airway thru a point 25 mi. W of Kansas City rng stn; from such line to Kansas City rng stn. (3) Red airway #6 ATC Area (Las Vegas to Grand Island). All of Red airway #6. (4) Red airway #19 ATC Area (Washington to Grand Rapids). All of Red airway #19. (5) Red airway #33 ATC Area (Richmond to New Hackensack). All of Red airway #33. (6) Red airway #37 ATC Area (Dallas to Washington). All of Red airway #37(7)Red airway #50 ATC Area (Galena to Fairbanks). All of Red airway #50 between the intersection of the NW leg of Nenana and the W leg of Fairbanks and the SE leg of Nenana and the SW leg of Fairbanks. (8) Red airway #60 ATC Area (Oakland to Stockton). All of Red airway #60.

AIRPORT APPROACH AND TRAFFIC ZONES: Effective March 15, 1947, all Airport Approach Zones in the 1st, 4th, and 5th C.A.A. Regions will be abolished and all airport traffic zones will be revised as depicted on the Airman's Guide Flight Planning Charts.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire on July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date. No red tape or written application is involved in the exchange. The pilot merely presents his old-type certificate to a CAA inspector, who immediately issues a new-type certificate. A pilot can arrange to make the exchange at a CAA regional or district office, or during a CAA inspection trip to his local airport. The new-type certificates will be valid for at least 24 months from the date of issue, and the Civil Aeronautics Board is considering extending them for an even longer period.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct TO-08-15-1, pages 25 and 27, by showing the minimum northbound altitude for Red airway #20 Washington to Pittsburgh as 6000'. (b) Correct Charlotte Sectional Aeronautical Chart, dated Oct. 25, 1946, by deleting code beacon at Greenville Arpt, S.C. and inserting a rotating beacon with a clear side and a green side. (c) Correct Instrument Approach Chart for Greenville Arpt, S.C., dated Oct. 1, 1946, by deleting code beacon and inserting a rotating beacon with a clear side and a green side. (d) Correct World Aeronautical Chart 304, Crater Lake, dated April 1946, by changing elevation of mountain at lat. 42-47, long. 122-55 to 4825'. (e) Correct Fac.Chart, RF-26, dated Jan. 16, 1947, by showing the bearings of NE/SW leg of Rodeo, N.Mex. Range as 24° and 204° mag. towards station.

WEATHER REPORTING SERVICE

The following Supplementary Weather Reporting Stations were closed effective December 20, 1946: Jacumba, Calif.; Warner Springs, Calif.; Niland, Calif.; Desert Center, Calif.; Essex-Amboy, Calif.; Ludlow, Calif.; Afton, Calif.; Chloride, Ariz.; McNary, Ariz.; Chambers,Ariz.; Peach Spgs, Ariz.; Seligman, Ariz.;Holbrook, Ariz.; Wikieup, Ariz.; Wickenburg, Ariz.; Casa Grande, Ariz.; Morenci, Ariz.; Hayden, Ariz.; Sentinel, Ariz.; Salome, Ariz.; Sells, Ariz.; Bowie, Ariz.; Bisbee, Ariz.; Sasabee, Ariz. Parker, Ariz.; Wellton, Ariz.; Benson, Ariz. Nogales, Ariz.

Weather Reporting Station	Type of Station		Lat., Long.	Elev.	Effect.Date
Southwest Harbor, Me.	6-Hourly	Closed			12-20-46
Cape May, N. J.	Pibals	Closed			12-20-46
Crown Point, N. Mex.	Supplemen.	Begun	35° 40',108°13'	6978'	
Farmington, N. Mex.	Supplemen.	Begun	36°44', 108°13'	5374'	
Redding, Calif. (Redding Mun. Airport)	Supplemen.	Opened	40°30', 123°17'	495'	
Oklahoma City, Okla.	RAWIN	Begun	35°24', 97°36'	1304'	
Fortuna,Calif.(Arpt.)	Supplemen.	Estab.			
Lamesa,Tex.(Mun.Arpt.)	Supplemen.	Estab.			
Lander, Wyo.	Pibal	Begun	42°48', 108°43'	5358'	
Bryan, Tex. (AAF)	Supplemen.	Estab.	30°38', 96°28'	264'	
Temple, Tex. (Draughon-Miller Arpt)	Supplemen.	Estab.	31°09', 97°25'	675'	
Mineral Wells,Tex.(Arpt)	Supplmen.	Estab.	32°47', 98°04'	938'	
Sweetwater,Texas (Avenger Field)	Supplemen.	Estab.	32°38', 100°28'	2370'	
Philip, S. Dak.	Hourly	To be reestab. soon.	44°03', 101°35'	2212'	

Note: Rawin observations are no longer available from Tampa, Fla.; Denver, Colo., Amarillo, Tex.; Seattle, Wash. Supplementary weather reports were discontinued at Salinas, Calif.; hourly reports were inaugurated in lieu thereof. On or about March 1, 1947, supplementary weather reports will be discontinued from Gooding, Idaho (Gooding Airport-New) and hourly reports are to be available in lieu thereof.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

N.B. AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons coupled with flashing red code lights, indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are CAA facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

[redacted]

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans. acft. (1-9)

BATES FLD (MOBILE)-RADIO: CAA operates twr, traffic controlled by lgt gun only from 0800 to 1800 daily. (2-14)

BIRMINGHAM AIRPORT-Closed to civil. acft not equipped with operating receiver. No landings on sodded areas. Caution ngts or under IFR, plant S of field has long taxi and parking strips resembling runways. No servicing military aircraft 2200 to 0600. No maintenance. (1-18)

★BIRMINGHAM-RADIO: Stn now guards 3105,4495,6210 kcs; 116.1,122.1 mcs. (3-3) These data rcvd too late for inclusion on data page.

[redacted]

BROOKLEY FLD (MOBILE)-RADIO: Air/gnd stn freqs of 4845 kcs., and transmitting freq of 2862 kcs temp inop. (2c24). FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)
CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT.
CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)
CHASTAIN'S AIRPORT (PRICHARD)-2600' of E/W strip avail.,mrkd. (2-19)
COLUMBIANA ARPT-N end strip rough, rocky. (12-16)
**CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Maximum strength of rnwys: 40,000 lbs. (2-14). Bndry lgts inop. (11-12)
DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft). (8-12)
**DE SOTO PARK LANDING STRIP (FT. PAYNE)-Lat 34-30, long. 85-38 (10-29) See page 105.
EUTAW ARPT-NW 600' NW/SE strip soft with large holes and 50' trees 150' from SE end. Use NE/SW strip. (2-11)
**GENEVA ARPT-New fld. Lat. 31-03-15, long. 85-53-30. (12-5). See page 128.
GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip. (2-3)
HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat. 34-34-30, long. 86-44; due N to Southern RR; easterly along RR to long. 86-42; due S to said river; SW along river to point of beginning.
★MAXWELL FLD (MONTGOMERY)-RADIO: Army VHF DF stn comm and opera cont on 139.32 and 140.58 mcs. (2-25) FLD: At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
MUSCLE SHOALS ARPT-Use rnwys only. (2-15)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg. only. 175' water tank obst lgt inop. (1-12)
**TUSCALOOSA ARPT, SITE 59, FV-AG-Name changed to Van de Graaff, Site 59, FV-AG. (2-18). See page 124.
TUSKEGEE INSTITUTE FLD NO. 1 (TUSKEGEE)-Soft spots after heavy rain. (2-18)
VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (1-23)

[redacted]

ASHFORK INT, SITE 36A, LA-AQ-Rough. (2-12)
COCHISE INT, SITE T-3, PH-EO-Rough,tall grass off rnwys-usable with ctn.(2-14)
DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding collimester projector W end fld half way between ends of NW/SE,E/W rnwys. (1-16)
DEEP LAKE INT, SITE 54A, LA-AQ-Soft. E end E/W, N end N/S strips rough. Equip. on fld days. (2-12)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy All ngt training flights will operate S of arpt. (2-3)
ECHEVERRIA FLD (WICKENBURG)-Use rnwys only. (Parked acft).
FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid local traffic days. Parking rstd to W side of fld. (1-9)
JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. (1-21)
KINGMAN ARPT-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn. (8500' MSL) 11 mi S. Rnwy lgts Rnwy 17-35 inop. (7-12)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)
LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.

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RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge. (1-20)
SKY HARBOR ARPT (PHOENIX)-Area E of N/S rnwy closed (rough) (1-18)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).
TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs advance notice in order that lgts may be turned on. (2-24)
WILLIAMS FLD (CHANDLER)-Use rnwys only.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

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ADAMS FLD (LITTLE ROCK)-Closed to trans mil acft 1800 to 0800. (2-24)
**CAPE FLD (CALICO ROCK)-Correct spelling Copp Fld. (2-26). See page 65.
EL DORADO-RADIO: Jan. 31, VHF range flight-checked and comm. on exper basis only at lat 33-17-00, long. 92-46-00. Freq. 109.1 mcs. Ident. "LD". Visual courses: 45°,225°;Aural courses: 135°,315°. Mag.var. 7°E. Stn class:VARW.(2-3)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin. Bldg closed to all acft of 5000 lbs or more. (12-28)
GRIDER FLD (PINE BLUFF)-Closed ngts. (1-13)
HELENA-2 unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: Effective Dec. 29, stn guards 3117.5 kcs. 2300 to 0700.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)
McGEHEE ARPT-Cattle on fld intmtly. (9-6)
McLAUGHLIN ARPT (HOT SPRINGS)- RADIO: Mobile Army twr transmits on 4420 kcs. and receives on 4495 kcs. only. (9-11) FLD: Use ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon. thru Fri. (12-12)
PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat. 34-14-48, long. 91-55-36. Freq. 108.7 mcs. Ident. "PL". Visual courses: 13°, 193°, aural courses: 103°,283°. Stn class: VARW. Mag. var. 7°E.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only (parked acft).
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (11-21)

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**ALAMEDA NAS-Twr, 730' ASL, of Rdo stn KJBS, erected 4.6 mi. 272° from control twr, red obst lgtd, surmounted by flash bcn. (2-12). Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip. adj to and on rnwys. Fld on positive control. (8-16)
**AMERICAN LEGION ARPT (SALINAS)-CLOSED. White crosses mark ends all landing area. (1-15). See page 48.
ARCATA ARPT-Closed to acft without 2-way radio unless prior approval rcvd from Stn Director. Incoming acft must file flight plan. Use surfaced areas only. (10-2)
AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
BAKERSFIELD-RADIO: 116.1 mc transmitter temp inop. (1-21)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 unable in all weather for acft up to 2500 lbs. Taxiways closed during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° duration to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxing back on rnwy. (2-21)

BECKWOURTH-ARPT-Ctn during winter, soft. Fld rough. (2-17). These data rcvd too late for ⓞ symbol.
BIDWELL FLD (RED BLUFF)-Oper of all fld lgts unreliable. Bndry, obst lgts inop. (2-15)
BLYTHE AAF-Obst lgts atop control tower inop. (2-28).
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status - no facs)
BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7, 15; left traffic use Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 15-31 closed (parked acft) (1-31)
CAL AERO ARPT (ONTARIO)-Use rnwys only. (parked acft)
CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited. (11-6)
CASTLE FLD (MERCED)-No opers office. (1-29)
CATES, BEACON SITE 235 MI. BLINKER, SF-SA-Beacon inop. (2-17)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg. only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxing. (2-17)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
**CONTRA COSTA COUNTY ARPT (CONCORD)-Name changed to Buchanan Arpt. Portable lgts. (1-21). See page 49.
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (6-11)
CROWS LANDING NAAS-Use in emerg. only (caretaker status-no facs)
DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (3-3)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (1-10)
DONNER SUMMIT-RADIO: NE and SW courses flgt-checked Feb. 10, NW and SE courses ground/checked only. (3-1)
EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)
EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)
★FAIRFIELD-SUISUN AAF-RADIO: Army GCA sys now oper 0900-2100 Mon. thru Fri. and avail. on 30 minutes call at all other times during IFR. (2-25) Army VHF DF stn installed, but not yet in oper. (2-25). Army range unreliable, use for homing only. (9-30). Army ILS inop. (2-25). FLD: First 1000' Rnwy 25, Rnwy 21L open to acft days and CFR opers only; first 1100' rstd. Land over yellow line. (1-7)
GARY FLD (BLYTHE)-Use rnwys only (parked acft).
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop. (1-28)
HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right traffic when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (1-13)
HASTER FARM OLF (GARDENGROVE)-Closed to all civil acft except in emerg or on approval of the CO. (11-8)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Airport.
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)
INDIO-RADIO: 116.1 mc. transmitter and rcvr temp inop. (11-22)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico, land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE NAS-Avail. emerg. use only. (10-1)
LIVERMORE SKY RANCH-Avail. only lgt acft, all acft in emerg. (2-16)
LOCKHEED AIR TERMINAL-See Burbank.
LODI ARPK-CLOSED (sewer const across rnwy) (2-6)
LONG BEACH ARPT-Ltd maintenance and only 100 oct avail. Army acft. (2-28)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300 daily. (7-26)
★LOS ANGELES-RADIO: Occasional course displacement observed - use only when acft equipped with ADF for course monitoring. (2-24) Additional VHF voice fac comm at commun. stn, for low freq range, transmitting on 111.1 mcs. (2-22)
LOS ANGELES ARPT-MINES FLD-RADIO: ILS fac flgt-checked Feb. 21, oper normal, except back course of lclzr serving Rnwy 25, unusable. Outer mrkr not monitored. (2-22). About Mar. 1, outer mrkr, keying two dashes per sec will be relctd 6 mi from end of Rnwy 25, middle mrkr keying alt dots and dashes will be relctd 0.64 mi from end of Rnwy 25.FLD: Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwy 11-29 4-22 closed. Obst lgts atop 40' pole 350' S of twr inop. (1-22)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs. advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strip only. (2-23)
MADERA ARPT-Rnwy lgts inop. (2-14)
MARCH FLD (RIVERSIDE)-Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (2-24)
MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (1-28) FLD: Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)- Rnwy 4-22 closed (parked acft) Equip and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (12-26)
**MERCED ARPT NO. 1-ABANDONED (2-5). See page 52.
MERCED MUN. ARPT-Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)
**MINTER FLD (BAKERSFIELD)-Oper of rot. bcn perm discont. (2-25)
★MIRAMAR MCAS (SAN DIEGO)-RADIO: Navy GCA avail. via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather min. 200', 3/4 mi. (2-12)
MODESTO ARPT-Equip. on rnwy until Mar. 15. (1-17)
★MOFFETT NAS (LTA) (MOUNTAIN VIEW)-RADIO: Navy GCA avail. via twr, cont. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. No weather minimums given. (2-12) FLD: Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emergency. (12-20)

MOJAVE NAS-Closed to all traffic except acft on off. bus. (2-1)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left traffic Rnwys 6,10. (2-25)
MT. SHASTA-RADIO: 116.1 mc transmitter and rcvr temp inop. (1-18)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. (2-17)
★OAKLAND ARPT-RADIO: Navy GCA avail. via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/4 mi. (2-12) Modernized lclar on freq 109.9 mcs and glide path on freq 333.8 mcs will be comm approx Feb 15. Glide path component shut down. Bndry and outer mrkr operating but not monitored pending completion const program. (1-13) FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft. - avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L.(12-3)
O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only; strip muddy when wet. (2-24)
OXNARD FLIGHT STRIP (OXNARD)-Use rnwy and shoulders only. Taxiways and bldg area closed. No facs. 80 oct avail. 1300-1600 Sunday March 9th during Air show at Ventura County Arpt. (2-20)
**101 HEREFORD RANCH ARPT (LAYTONVILLE)-New fld. Lat 39-40-30, long. 123-29-00. (8-13). See page 20.
PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained. (9-21)
★RED BLUFF-RADIO: Stn now guards 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. (3-3). These data rcvd too late for inclusion on data page.
ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAGE, BCN SITE 114 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)
SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. (2-21)
★SAN CLEMENTE ISLAND OLF-RADIO: Navy twr decomm. (2-24)
**SAN DIEGO NAS-Mobile flood lights no longer avail. (1-29) Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thrp Point Love (black and orange checkered buoy) unless directed by twr. Point Love (black and orange checkered buoy) is lctd on traffic pattern 1-1/2 mi. S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft ladd on heavy duty rnwys, single-engine acft on asphalt mat. (12-5) Equip. on Rnwys 18 and 29 installing rnwy lgts. Ctn when landing, taking off or taxiing on rnwys. (1-17)
SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)
SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmrkd day or ngt. (3-1)
SAN MATEO ARPT-Const. Avail. lgt acft only. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs).
**SANTA BARBARA ARPT-35'' rot, bcn, green and white, obst lgtd. No code bcn. (2-18) Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (1-10)
SANTA ROSA ARPT-Use rnwys, taxiways and aprons only, bal fld soft. (2-24)
**SAUSALITO SEAPLANE BASE-New base. Lat 37-51-15, long. 122-29-00. (1-18) See page 145.
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (1-18)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO)-Trans acft not cleared after sunset.(9-4)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (11-7)
TRUCKEE INT, SITE 16B, SF-SL-1 to 3' snow on fld. (1-28)
**TURLOCK ARPK-New fld. Lat 37-28-30, long. 120-50-30. (7-23). See page 48.
**TURLOCK ARPT-New fld. Lat 37-28-15, long. 120-55-00. (7-23). See page 48.
VAN NUYS METROPOLITAN ARPT-RADIO: Municipal twr inop. FLD: Avail. civil. acft providing they have off. bus, with one of the acft companies lctd on fld. Acft without rdo may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated port, rnwy lgts avail. ngts in emerg or by prior arrangement. Const equip. on fld 0700-1600 daily except Sunday. Areas under const flagged. Use paved rnwys and taxiways only. Closed to trans acft 1400-1600, March 9, 1947 during air show. Use Oxnard Flight Strip 7 mi E. (2-20)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use rnwys 16L-34R, 7R-25L, 3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (1-10)
★WILLIAMS-RADIO: Additional voice transmitting fac avail. at commun stn on 111.1 mcs. (2-27)

[redacted]

★SPECIAL NOTICE-RADIO: Delete "Weather avail. in UCO (Plain) on req" for the following stns: Blissville, N.B., Buchans, Nfld., Charlottetown, P.E.I., Copper Lake, N.S., Dartmouth, N.S., Gander, Nfld., Goose, Lab., Greenwood, N.S., Megantic, P.Q., Moncton, N.B., Mont Joli, P.Q., Montreal, P.Q., Pennfield Ridge, N.B., Quebeck P.Q., Seven Islands, P.Q., St. Andrews, Nfld., Sydney, N.S., Torbay, Nfld.

[redacted]

★MASSETT-RADIO: Stn bdcasts weather from Annett Is., Massett, & Port Hardy. (2-1)
★TOFINO-RADIO: Rdo range discont. (2-12)

[redacted]

★ARGENTIA NAF-RADIO: Navy GCA avail. via twr on 1 hr notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 150', 1/4 mi. (2-12)
★GANDER ARPT-RADIO: Twr transmits on 278,4177.5 kcs; 116.1,126.18 mcs. (2-1)

[redacted]

★SARNIA-RADIO: Feb 1,1947, a new range comm. Lat 42-54-55, long. 82-18-20. Magnetic Var. 4° W. Class: SRA. Ident. "ZR". Courses: 163°-A-263°-N-349°-A-081°-N. Freq. 404 kcs. Bear & dist., 339°, 3.5 mi. Elev 605'. Freqs guarded and weather bdcast facs to be comm at a later date. (2-1)

[redacted]

★CHARLOTTETOWN-RADIO: Class: SBRAZ-T. (2-1)

[redacted]

★WATSON LAKE AIRFLD-RADIO: Twr discont. (2-12)

[redacted]

ALAMOSA ARPT-Bcn inop. (1-11)

ANTON-RADIO: VHF range oper suspended indefinitely. (2-12)
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-28)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
★DENVER-RADIO: Additional VHF voice fac comm at commun stn for VHF range. Transmits on and guards 116.1 mcs cont. (2-24)
**DOUGLAS ARPT (AKRON)-New fld. Lat 40-10, long. 103-13 (10-22). See page 28.
EAGLE-RADIO: Soon, stn will guard: 3105,3117.5 kcs, 116.1,131.7 mcs. 111.1 mcs transmitter inop, 131.7 mc rcvr inop. (2-24)
FLAGLER ARPT-20' hangar under const E side fld. Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
GRANBY ARPT-Ctn from Nov. until April- snow. (10-17)
★LOWRY FLD (DENVER)-RADIO: Army VHF DF stn comm and opers cont on 139.32 and 140.58 mcs. (2-25). Freq. 2936 kcs voice temp inop. (12-23)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between markers only. Heavy const. Equip. on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long. 104-18-38; E by long 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as the calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land and take-off according to the tetrahedron. (1-12)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (1-15)
RUSTON FLD (DENVER)-Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center- parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Municipal twr temp inop. (12-10). FLD: Right traffic Rnwys 26,30,36; left traffic Rnwys 8,12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON AIRFLD-DENVER ARPT (DENVER)-Excavation 100' wide S of and parallel to E/W rnwy 2000' from E end E/W rnwy, mrkd. Equip on fld days.(2-3)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Use rnwys only-shoulders soft. Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (2-17)

BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (1-14)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N end fld and on taxiway between fld and shop. (10-31)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs & hedges on W bndry). (2-4)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (9-10)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (11-18)
**SOUTHINGTON ARPT-New fld Lat 41-38-45, long 72-51-45 (10-23) See page 44.

STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)
**WATERTOWN ARPT-New fld. Lat 41-34-15, long. 73-07-30. Portable strip lgts., on prior req. (10-30) See page 44

**HOLLY BROOK FLD (LAUREL)-New fld. Lat 38-34-45, long 75-34-30. (12-13) See page 76
**LAUREL ARPT-New fld. Lat 38-32-30, long. 75-35-30. (12-13) See page 76
NEW CASTLE CO. ARPT (WILMINGTON)-Sod fld within bndrys of rnwys avail. lgt acft. (9-18)
**SUSSEX ARPT (FRANKFORD)-Correct location: Lat 38-32-15, long 75-14-00. Port. flares on req. (12-12) See page 76

SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL ARPT. LAT 38-53-46, LONG. 77-08-05. (3-22)
SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.
★ANACOSTIA NAS (WASHINGTON)-RADIO: Navy twr now transmits on 396 kcs, 142.74 mcs. (3-3) FLD: Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
★BOLLING FLD (WASHINGTON)-RADIO: Army twr freq changed to 212 kcs, 126.18 137.88 mcs. (3-3) FLD: Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather conditions below ctc flight minimums. No JP-1 fuel. Rnwy 2-20 avail. (12-27) These data rcvd too late for ⓞ symbol.
**WASHINGTON NATIONAL ARPT-RADIO: Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder-500' and 1 mile. FLD: 355' rdo twr (748' ASL), erected 6.7 mi, 285° (true) from control twr of arpt. Twr, for FM stn WQQW is obst lgtd and painted. (1-15) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transportation VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

ALBERT WHITTED ARPT (ST. PETERSBURG)-Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)
BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. (5-2)

BANANA RIVER NAS-Closed to civil. acft days except on prior permission from CO and in emerg-closed ngts except in emerg. S end Rnwy 2-20 under const. Various types acft practicing inst approach operating cont during IFR up to and including 2000' with weather minimums as low as 200' ceiling and 1/8 mi visibility. Air space includes area 20 mi radius from NAS. (10-31)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-1

BOCA RATON AAF-Port floods avail. on 15 mins notice. Stay on rnwys-shoulders soft. (2-7)

BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

••BUNNELL ARPT-Lat 29-28-00, long. 81-12-30. (2-13). See pages 132 and 134. Cattle on fld. (2-13)

CEDAR KEYS ARPT-Use rnwys only. (1-27)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)

CRESTVIEW-RADIO: 116.1 mc transmitter and rcvr temp inop. (3-3). These data rcvd too late for ⓪ symbol.

CROSS CITY AAF-Livestock on fld. (2-17)

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-31)

DAYTONA BEACH ARPT-Equip. on fld 0800 to 1700. (2-25)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

★DREW FLD (TAMPA)-RADIO: Feb 24, CAA twr transmitting freq changed to 278 kcs., 126.18,118.5 mcs. (2-11) FLD: Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. Closed to all acft except scheduled airlines between 1330 and 1730 Mar 8 and 9 for Air Show. (2-24)

EGLIN FLD (VALPARISO)-RADIO: Army ILS sys temp inop. (1-6). FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)

ELLYSON NAAS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)

FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs)

FORT LAUDERDALE-Obst lgts atop N twr Rdo Stn WGBS 8 mi W inop. (9-23)

FORT LAUDERDALE, BCN SITE 2, MM-AG-Bcn inop. (1-21)

FORT LAUDERDALE ARPT-Const, grading of taxiways adj to N/S, NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)

HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail. lgt acft. (1-20)

HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)

JACKSONVILLE ARPT-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. Rdo Stn WJHP constructing two twrs 235' high, 394' apart, 10 mi SW, lgtd ngts while under const. (1-27)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. (2-6)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (6-19)

LAKE BUTLER OLF-Cattle on rnwy. (1-27)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500' Prevailing wind E to SE. (1-22)

★LEE OLF (GREEN COVE SPRINGS)-RADIO: Navy GCA unit now avail., Bear. and dist from Navy Jacksonville Radio: 164°, 15.7 mi. Call: Flamingo. Unit set up on Rnwy 5, avail. on 45 minutes notice maximum. Ctc Navy Jacksonville Twr or Navy Jacksonville Rdo for initial instructions. Weather minimums with GCA operating, 200', 1/2 mi. (2-4). Navy GCA will transmit on HF from 2000 to 18100 kcs and rcv on 1500 to 9050 kcs. (2-12)

LEESBURG AAF-CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE, COMMAND OR HIGHER AUTHORITY OR IN EMERG.

★MacDILL FLD (TAMPA)-RADIO: Army Evaluation stn as well as HF DF stn has resumed normal oper. (2-21) Glide path of Army ILS temp inop. (2-6). FLD: Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 closed ngts. (2-14)

••MALABAR ARPT-Repossessed by Navy as OLF to NAS Banana River and will hereafter be carried as Malabar OLF. (2-12). See page 134.

MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)

MASTER OLF (MIAMI)-Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip., parked acft). (1-8)

MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32 and 36 to intersection closed. (9-27)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(11-6)

MELBOURNE-RADIO: Range appears unreliable-courses subject to swinging during damp weather. Courses ground-checked only. About Mar 7, NE and SW courses will be realigned to 248° and 68°. (2-21)

★MIAMI INTERNATIONAL ARPT-AAF-180' twr of Rdo Stn WBAY, 3-1/2 mi S, lgtd, Flash. code bcn on top. (2-23). Two 60' poles, 1 lgtd, 1 unlgtd, 25' apart lctd E side fld near 20th St. Terminal Bldg. (2-17) See page 136. Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. (2-10)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicint touch and go landings ngts. Closed sunset to 0700. (11-15)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED-no facs. (10-28)

••NORTH POMPANO OLF(POMPANO)-No Navy activity. (2-12)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. No Army maintenance Sats and Suns and from 1700 to 0800 daily. (10-9). Radio controlled target ship in Pinecastle area 6 mi S of Orlando 0800 to 1200 daily Mon thru Fri. (7-1)

••ORLANDO AVIATION COUNTRY CLUB ARPT (WINTER PARK)-New fld. Lat 28-36-30, long. 81-22-00. Flood lgts on req. (9-10) See page 134.

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. (2-11)

••PENSACOLA ARPT-202' twr of Rdo Stn WCOA, 3 mi S, obst lgtd. (2-12) Ext Navy train, thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW.

Pilots desiring to land at Chevalier Fld ctc Pensacola Navytwr before entering traffic pattern. Rnwy numbers and center lines being repainted thru Mar 31. (2-19)

PETER O. KNIGHT ARPT (TAMPA) -Equip. on fld days. Sodded areas unsafe heavy acft. (1-16)

**PIERSON MEMORIAL ARPT-New fld. Lat 29-14-30, long. 81-27-30 (12-3) See page 132 & 134.

★PINELLAS CO. MASTER ARPT (ST. PETERSBURG) -RADIO: Feb 24 transmitting freq of CAA twr changed to 317 kcs, 118.3 mcs. FLD: Closed to all acft except airlines Mar 8 and 9 between 1330 and 1730 for airshow. (2-25)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs).

**ROSELAND ARPT (SEBASTIAN) -Repossessed by Navy as OLF to NAS Banana River and will hereafter be carried as Roseland OLF. (2-12) See page 134.

ST. AUGUSTINE ARPT-All lighting facs inop. (1-25)

★SAUFLEY NAAS (PENSACOLA)-RADIO: Navy GCA avail. via twr on 30 minute notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. No weather minimums given. (2-12)

**SKYLAND ARPT (PANAMA CITY)-New fld. Lat 30-10-00, long. 85-40-30 (11-27) See page 128.

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

TAYLOR FLD (OCALA)-Use rnwys only. (1-24)

★TYNDALL FLD (PANAMA CITY)-RADIO: Army range has no sched weather bdcast. Voice fac now in cont oper. (3-3)

**VALKARIA ARPT (MELBOURNE)-Repossessed by Navy as OLF to NAS Banana River and will hereafter be carried as Valkaria OLF (2-12) See Page 134.

VERO BEACH ARPT-Closed to all civil. trans acft. (1-29)

WHITING FLD NAS-NORTH (MILTON) -Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Taxi lgts being installed. Equip. adj rnwys. (12-9)

WITHAM FLD (STUART) -Use rnwys only. (2-12)

[redacted]

ALBANY ARPT-Use rnwys only. (2-23)

ALMA ARPT, SITE 43, MM-AG-Unlgtd 40' hangar N edge NW/SE rnwy. (2-21)

★ATLANTA ARPT-RADIO: CAA ILS recomm Feb 22. Glide path angle 2.7°. Glide
** path transmitter relctd 1137' NW from SE end of NW/SE rnwy. See Page 124.
FLD: Glide path bldg obst lgtd ngts. (2-13) Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. (2-13)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (1-7)

**BOWSER ARPT (BAXLEY) -New fld. Lat 31-44-45, long. 82-21-40. (2-13) See Page 132.

**BRUNSWICK ARPT-New fld. Lat 31-11-10, long. 81-28-45. (2-13) See page 132.

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

**CAMILLA ARPT-Correct lctn: Lat 31-14-30, long. 84-13-30. (2-13)

CAMP STEWART AAF (HINESVILLE) -Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

**GLENVILLE ARPT-New fld. Lat 31-55-20, long. 81-57-30 (2-13) See page 130.

GLYNCO NAF-LTA-RADIO: Navy twr temp closed, operates on call on one hrs notice. FLD: Tetrahedron temp removed. (10-11)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

[redacted]

★JONESBORO-RADIO: Compass lctr decomm as a separate fac Feb 28, fac relctd 4.5 mi from SE end of Rnwy 15-33, at site of outer mrkr of CAA ILS. Freq 219 kcs. Ident. "H". Figt-checked, oper normal.

KINGS ARPT (MILLEDGEVILLE) -Soft after rainy weather. (11-6)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only-grass areas soft. (12-27)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

**LAWSON FLD (COLUMBUS)-Elev 232' (2-16) See page 124. MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic on Rnwys 2,9,32. (12-16)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-Ltd sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

**POLO AIRFLD (ATHENS)-New fld. Lat 33-56-30, long 83-24-45 (12-6) See page 124

**ROSSVILLE ARPT-New fld. Lat 34-57-30, long 85-18-00 (12-4) See page 105

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

SOUTHER FLD (AMERICUS)-Use strips only-parked acft.

SPENCE FLD (MOULTRIE)-Use rnwys only. Rnwy lgts inop. (12-21)

THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)

TURNER FLD (ALBANY) -RADIO: Army air to groond stn. temp. inop. (2-10)
FLD: Use rnwys only. Use Rnwys 14L, 32R, 4L, 22R only.

VADA ARPT (BAINBRIDGE) -CLOSED (cattle on fld). (1-16)

**WAGES FLD (LAWRENCEVILLE)-New fld. Lat 33-59-00, long 83-59-15 (12-4) See page 124.

[redacted]

BENNETT FLIGHT STRIP (ANDERSON DAM) -Avail. for emerg use only. (5-7)

BOISE-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

BOISE AIR TERMINAL ARPT-Use rnwys, taxi strips only-shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million caldle pwr ceilometer 1000' NNW arpt bcn. (12-11)

BRADLEY FLD (BOISE)-Non-standard traffic patterns. (2-19)

BURLEY-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)

DU BOISE-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

★GOODING-RADIO: MH and voice fac on 215 kcs, rcvg watches on 3105,4495,6210 3117.5 kcs, plus weather reporting services recomm Mar. 1. MH opers on req. only. These data rcvd too late for Data Page and Chart.

GOODING ARPT, new-Use strips only-sod unsafe (erosion). (3-1)

**GOWEN FLD (BOISE) -Name changed to Boise Air Terminal Arpt. (2-12) See page 21

IDAHO FALLS-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

MALAD CITY-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.

POCATELLO-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)

[redacted]

POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)
POCATELLO AAF-RADIO: Army air to ground stn temp inop. (2-10)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (11-5)
STREVELL-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm. on 116.1 mcs. (2-9)

[redacted]

ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. Closed to acft over 2000 lbs until March 15, 1947. (2-15)
CASEY ARPT-S 1000' N/S strip being graded. (10-31)
**CHAMPAIGN ARPT-No range lgts. (11-27). See page 68.
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (9-23)
CHICAGO ARPT-RADIO: Outer compass ltr of CAA ILS will be decomm soon, and relctd at new site S of Hines Veterans Hospital, Maywood, Ill. at a later date. (2-18) FLD: Equip. 32' E of W edge of 400' ramp in line with center of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at the NE corner of fld. Snow extension lgtd 22' above grade on Rnwys 31L, 36R, 27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. NE/SW rnwy closed, unlgtd (parking area). Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Min. charge $2.00. Fee payable at Airport Supt's. Office before take-off. Hangar under const N side fld. Ctn when taxiing. (2-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
**CHICAGO-ORCHARD ARPT (CHICAGO)-Army facs located NE corner fld. (2-17) See page 140. Landing fees same as Chicago Arpt. Trans acft register in city office on S side of fld. (2-14).
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld. traffic. (11-8)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (2-20)
**DU QUOIN ARPT-ABANDONED. (12-30). See page 68.
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED (1-14)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (11-22)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off. bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11)
JOLIET-RADIO: About Mar. 10, NW course will be realigned to 139°. (2-22)
JOLIET ARPT-SITE 22, LS-CG-Emerg. fueling and acft svcg avail. 2400 to 0800 on req. (1-18)
MARION ARPT-Exten train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
PEORIA-RADIO: About Mar. 8, weather permitting, E and W courses will be realigned to 254°, 89°. (2-24)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use rnwys only in thawing weather. (2-24)
ROCKFORD-RADIO: About Mar. 7, SE course will be realigned to 283°. (2-22)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
**SANDWICH ARPT-New fld at lat. 41-38, long. 88-38. (2-4). See page 33.
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
**STERLING MUN. ARPT-No lgts. (11-21) See page 33.
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
**VANDALIA MUN. ARPT-Bcn, bndry, obst lgts (12-4). See page 68.
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

[redacted]

AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
**BAER FLD (FORT WAYNE)-Bcn, bndry, range, rnwy, obst lgts. Fld lgts on req. (2-21). See page 36. Svcg 0800 to 1700 only (2-21)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Newly graded fld muddy when wet. (1-24)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)
CAMPUS ARPT (BLOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (12-22)
EVANSVILLE ARPT, old-Use rnwys only. Equip. on fld days. (1-18)
**FORTVILLE ARPT-ABANDONED (12-23). See page 69.
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing, taking off. (1-14)
GOSHEN ARPT-Ctn during thawing weather. (1-17)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion) (1-16)
INDIANAPOLIS-RADIO: About Mar. 13, weather permitting, NE course will be realigned to 255°. (2-22) GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Runway 4. Transmits on 212 kcs., 126.18 mcs., receives on 3105, 4495, 6210, 3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr., Indianapolis Radio or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc boundary marker using keyed 3000 cycle tone, operating intermittently at SW boundary of arpt. Exper lcizr on 108.3 mcs SW end NE/SW rnwy. Exper. radio range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 miles NW of arpt on 172 and 194 kcs. Low power (holding marker), 75 mcs, 10 mi SW of airport on ILS lcizr course, keying "U" tone 3000 cycles, twr inop. (11-22)
INDIANAPOLIS ARPT-RADIO: CAA ILS not monitored. (1-7)

[redacted]

INDIANAPOLIS ARPT-Use rnwys only-soft. No crash equip. Mil pilots register with registrar in Admin Bldg Lobby, trans acft at City Desk in Terminal Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. Tetrahedron uncontrollable. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. (2-25)

**JORDAN FLD (BLOOMINGDALE)-Change name to Port O' The Woods Arpt. Lctn 39-53-15, long. 87-15-45. (1-22). See page 68.

McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)

MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)

MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)

MORGANTOWN-RADIO: FM on S course Indianapolis Range will remain in oper on exper basis. (11-8)

MUNCIE ARPT-Hangar under const along S bndry. (1-24)

MYERS FLD (FT. WAYNE)-CLOSED (soft during thawing weather). (1-27)

PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE/SW strips avail. with ctn. (1-23)

PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)

**ST. ANNE #2 (SEYMOUR)-Will hereafter be carried under North Vernon, Ind. 3 mi NNE. (2-12). See page 69.

**SHELBYVILLE ARPT-ABANDONED. (12-23). See page 69.

SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Const area mrkd. (1-21)

SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)

SOUTH BEND-RADIO: Courses aligned by ground check only. (2-22)

STARKE CO. ARPT (KNOX)-N/S strip spft. (11-4)

STOUT FLD (INDIANAPOLIS)-Ltd svcg facs trans acft. Crash equip., base opers avail. 0800 to 1700. Lgts on prior req. (1-20)

**TIPPECANOE SEAPLANE BASE (LEESBURG)-New base: Lat 41-20, long. 85-48. (2-1). See page 145.

TRI-STATE ARPT (ANGOLA)-N/S strip closed to trans acft. (1-26)

URSCHEL FLD (VALPARISO)-Strip soft in wet weather. (2-16)

WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (2-17)

WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

[redacted]

ADAMSON AIRWAYS (PERRY)-CLOSED. (2-20)

AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.

★BURLINGTON-RADIO: Auto. range monitor. device comm Feb 18.

CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. N 1/2 N/S, NW 1/3 NW/SE strips soft or muddy until approx Apr. 24. (2-24)

CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)

DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.

ELKADER AIRPARK-Strips rough and rolling. (2-11)

HARLAN ARPT-Strips plowed up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)

HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)

[redacted]

IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)

LUCAS-RADIO: About Mar 10, Lucas FM on S course of Des Moines range will be decomm for relctn to lat 41-21-30, long. 93-36-12, as Indianola approach control FM. (2-20)

MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)

OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)

★SIOUX CITY-RADIO: Attention signal of approx 10 dots per sec comm Feb 23.

SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. No svcg mil acft 1700 to 0800. (2-12)

WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

[redacted]

ALLMAN ARPT (LENEXA)-Use strips only. (9-12)

BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (11-4)

CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)

DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking ramp. 9' hole 50' from N side Admin Bldg adj taxi strip. (2-19)

DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)

**FT. RILEY-Square danger area for Smoky Hill AAF, approx 25 mi SE (approx 4 mi SSW of Alma) has been discont. AA firing conducted immediately N of Marshall Range Stn.

GARDEN CITY AAF-No svcg or maintenance avail. (2-7)

GOODLAND-RADIO: VHF range oper suspended indefinitely. (2-12)

GOODLAND ARPT-Rnwy sides soft when wet. (2-21)

HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. (1-18)

HUTCHINSON NAS-CLOSED-no facs. (11-25)

INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)

JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (9-17)

KINSLEY ARPT-To be abandoned soon. (1-24)

MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)

MORLAND-RADIO: VHF range oper suspended indefinitely. (2-14)

**NEWTON ARPT-This is still a Navy fld and will hereafter be carried as Newton OLF. (2-11). See page 61.

OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.

**OLATHE NAS-RADIO: Navy GCA avail. via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 kcs and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/4 mi. (2-12). FLD: Closed 1800 to 0800-flights desiring landing during these hrs must notify opers before 1600. (6-13)

OLATHE OLF NO. 2-Use in emerg only-no facs.

OLATHE OLF NO. 4-Use in emerg only-no facs.

OLATHE OLF NO. 7-Use in emerg only-no facs.

OLATHE OLF NO. 9-Use in emerg only-no facs.

SALINA-RADIO: VHF range oper suspended indefinitely. (2-12)

SANTANTA ARPT-Strips soft in wet weather. (2-19)

SHARON SPRINGS ARPT-Cattle outside strips. (12-27)

SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15; right traffic on strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S

KANSAS

strip. Closed to VHB type acft. Closed 2000 to 0800 daily. (1-27)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (1-7)
TOPEKA-Inst flying rdo range ngt, day. Call Topeka Rdo at least 20 mi out before flying range.
TOPEKA-RADIO: VHF range oper suspended indefinitely. (2-12)
★TOPEKA AAF-RADIO: Army VHF DF stn comm and opers cont on 139.32 and 140.58 mcs. (2-25)
WALDO-RADIO: VHF range oper suspended indefinitely. (2-12)
★WICHITA ARPT-RADIO: Glide path course of CAA ILS now intersects outer mrkr at 2750' when inbound on lclzr course. Point of contact 600' from approach end of rnwy. Glide path bldg in temp lctn-use for training only. Glide path angle 2-3/4°. (2-27) FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

KENTUCKY

ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only. Red obst lgts NW end NW/SE rnwy inop. Const. (2-4)
●●BOWMAN FLD (LOUISVILLE)-No flood lgts. (12-3). See page 69.
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Rnwy 4-22 only avail. (2-10)
GODMAN FLD (FORT KNOX)-RADIO: Army range now unreliable. (2-25) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
GREATER CINCINNATI ARPT (COVINGTON)-Use rnwys, taxi strips only-sod portion fld soft. (1-31)
●●JODY FLD (LONDON)-Flood lgts. (10-4). See page 108. Const-use rnwy N of hangars only. (1-11)
LOUISVILLE-RADIO: About Mar 12, E and W courses will be realigned to 266°, 86°. (2-22)
●●MAYFIELD-GRAVES CO. ARPT (MAYFIELD)-Name changed to Graves Co. Arpt. (10-1). See page 104.
●●PARIS ARPT-Flood lgts. (9-21). See page 69.
●●RICE ARPT (MONTICELLO)-Lat 36-50-45, long. 84-49-45. (9-27). See page 105.
●●STANDIFORD FLD (LOUISVILLE)-No lgts. (12-3). See page 69.
●●THOMPSON SEAPLANE BASE (LOUISVILLE)-New base. Lat 38-15-30, long. 85-45-00. (2-5). See page 145.

LOUISIANA

●●ALEXANDRIA AAF-No Army activity-will hereafter be carried as Alexandria Arpt. Rnwys lgtd. (1-29). See page 120.
★BARKSDALE FLD (SHREVEPORT)-RADIO: Army GCA sys comm and may be contacted thru the twr, air/gnd stn or D/F homer. Sys operates 0800-1700 Mon thru Fri, immediately on call during IFR; and on 40 minutes call at all other times. Sys operates on 116.1 mcs in addition to freqs previously listed. (2-24) Army ILS (CAA type) temp inop. (1-15) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct avail. (1-24)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sta. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangement with Arpt. Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop (11-14)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. (1-23)
LAFAYETTE ARPT-Use rnwys only. (1-20)
LAKE CHARLES AAF-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. (12-17)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Outer mrkr of CAA ILS shut down Mar 3 for modernization. These data rcvd too late for (O) symbol. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPK-Avail. days only. (12-20)
●●NACOGDOCHES ARPT-1.5 SSW should be Natchitoches Arpt. (2-24). See page 120.
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS-RADIO: Courses aligned by ground check only. (3-4)
●●NEW ORLEANS ARPT-Rnwy ctc lgts on all rnwys except NE/SW rnwy. (2-21). See page 126. CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Equip. on fld days. Non-rdo equipped acft use extreme ctn. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47, series, C-60, C-64, liaison acft, helicopters and autogyros. (2-21). Army svcg and opers to be discont Mar 10 and fld to be Army temp inactive with civil facs. 100 oct Army contract gas will also be avail.
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. (2-28)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (2-24)

MAINE

AUGUSTA ARPT-Rnwys 3-21, 12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (1-15)
★BRUNSWICK NAS-RADIO: Navy range not taken over by Aeronautical Rdo Services Inc, as previously advertised. Decomm Mar 1. FLD: Closed to all but off. flights (caretaker status-no facs).
DOANES ARPT (BREWER)-Avail. only ski-equipped acft during winter. (1-6)
DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)
DOW FLD (BANGOR)-E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest true heading rather than mag. heading. (12-10)
●●HOLBROOK POND SEAPLANE BASE (EAST HOLDEN)-ABANDONED. (2-19). See page 144.
HOULTON ARPT-Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.
MILLINOCKET ARPT-Avail. ski-equipped acft only. (2-25)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts. (ctc lgts inop). (1-18)

MAINE

PORT OF MAINE ARPT (S. PORTLAND)-Avail. ski-equipped acft only. (1-22)
PRESQUE ISLE AAF-RADIO: Army VHF DF stn inop, but avail. on 1/2 hr req notice thru gnd/air or point-to-point facs. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 percent at each freq. (2-17). FLD: Rnwy 16-34 closed. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 only. (2-25)
RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-28)
SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)
TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)
WESTON FLD (MADISON)-Avail. emerg only. (8-29)
★YARMOUTH-RADIO: Navy FM decomm Mar 1.

MARYLAND

BALTIMORE ARPT-No crash equip. ngts. Boats with 120' masts anchored in harbor S and W of fld. Smoke stacks N and SE. Rdo rqrd between sunset and sunrise. (2-4)
BALTIMORE MUN. SEAPLANE BASE-Land at own risk (floating logs and debris). Control launch and other services not avail. commercial operators except by prior arrangement with BOAC. Ctc Baltimore Twr for landing pattern. (2-4)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penn. RR. High alt bombing E and S. Stay on concrete. (2-20)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking-off in area off rnwys. (2-18)
KENT ARPT (WORTON)-Landing area under const. (3-17)
LEE ANNAPOLIS ARPT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway avail. unsuitable for acft heavier than twin-engined type. (2-13)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
★PATUXENT RIVER NAS-RADIO: Navy GCA avail. via twr cont. Will transmit on HF from 2000 to 18100 kcs and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/4 mi. (2-12). FLD: Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches, equip. adj taxiway parallel to Rnwy 2-20, ditches adj Rnwy 9-27, mrkd. Equip. on fld. Rnwy 9-27 being repaired. (10-14)
PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. No maintenance or RON. Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld; firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)
SALISBURY-RADIO: Soon, VHF range will be comm at lat 38-19-22, long. 75-24-59. Freq. 109.1 mcs, Ident. "FY". Visual courses: 42°, 222°, Aural courses: 132°, 312°. Var. 8° W. Class: VARW.
SALISBURY ARPT-Use rnwys only. (2-17)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

MASSACHUSETTS

BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. E/W rnwy closed. Use rnwys only until Mar 11-hi snow banks. (3-3)

MASSACHUSETTS

BEDFORD AAF-Two of three 435' twrs 3.5 mi SW (245° true) completed. Temp lgtd with 1000 watt non-flash. lgts. (11-2)
BOWLES ARPT (AGAWAM)-CLOSED DURING WINTER MONTHS. (2-12)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx. 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
**FORT DEVENS AAF (AYER)-Not rstd to Army. Will hereafter be carried as Ayer Arpt, Ayer, Mass. (1-20). See page 45.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only (muddy). (2-27)
GREYLOCK ARPT-Temp closed. (1-27)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-Equip. on fld. Mercury arc vertical beam NW end temp NW/SE rnwy-used intmtly day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail.-NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16). Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid.
MANSFIELD ARPT-Open week-ends only. (2-3)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (2-22)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)
MYRICKS ARPT-Wires on S end N/S strip. (11-20)
**OTIS NAAS (FALMOUTH)-Redesignated as OLF to NAS, Quonset Point, R.I. (2-12) See page 45. Use in emerg only (caretaker status-no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (8-27)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (2-19)
SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat. (11-15)
SPRINGFIELD ARPT-Lgts inop. (6-24)
SQUANTUM NAS-RADIO: Navy range flgt-checked Feb 27, NE course 2° NW, bear. 258°; SE course 6° NE, bear. 315°; NW course 7° NE, bear. 148°. FLD: Unlgtd 100' boom on lighter at bndry due W between Rnwys 2, 8. Equip. at bndry. Fld avail. 0800 to 20 mins prior to off. sunset. (9-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29)
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (SCS-51) glide path inop. (2-13). FLD: Red bcn atop Mt. Nanatuck inop. (2-28). All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover approach control

MICHIGAN

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (1-10)
ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)
BAKER'S FIELD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
**BISHOP ARPT (FLINT)-160' water twr 1 1/4 mi NE, obst lgtd. (2-21)Four 400' twrs of Rdo Stn WFLM erected 5 mi ESE (105°) true, at lat 42-56-22, long 83-37-41. (1-13) Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. (2-21)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. (12-3)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (6-24)
CAPITAL CITY ARPT (LANSING)-Use rnwys only. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (2-21)
DALTON ARPT (FLUSHING)-N/S, E/W strips unusable. (11-13)
DETROIT NAS-Closed 1700 to 0800. (9-14)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (2-24)
EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (2-14)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only.(8-14)
FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31)
GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet-muddy. Land on sod with ctn. (2-14)
JAMES CLEMENTS ARPT (BAY CITY)-Closed ngts. Heavy acft use rnwys only Closed wheel landings and oper. (2-14)
JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (2-22)
LANSING-RADIO: About Mar 11, weather permitting, S, E, N courses will be realigned to: 325°,145°,281°. Quadrant signals will be shifted so that the N signal will be in the NE and SW quadrants. (2-22)
LAPEER ARPT-N end of NW/SE diagonal strip rough. (2-19)
LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (11-16)
LINDBERGH ARPT (KALAMAZOO)-Avail.. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (2-19)
MACKINAC CO. ARPT (ST. IGNACE)-Avail. ski-equipped acft only. Rnwys plowed upon req. (12-30)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MILAN ARPT-Fld soft in wet weather. (2-19)
MOUNT PLEASANT ARPT-Strips soft in wet weather. (2-14)
MUSKEGON CO. ARPT-Use rnwys only-rough. (2-21)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)
PARK TOWNSHIP ARPT (HOLLAND)-Avail. ski-equipped acft only. (2-28)
PRICKETT FLD (SIDNAW)-Unusable- under const. (6-25)
ROMULUS-RADIO: About Mar 10, weather permitting, S course will be realigned to 327°. (2-23)
**SAGINAW ARPT-Bcn and fld lgts on req. (2-21) See page 37
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13). Use strips only. (9-26)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (9-20)

MICHIGAN

SKYHAVEN ARPT (SAGINAW)-Use strips only. When wet, avail. only lgt acft. Right traffic when landing S, SW and W. Left traffic N, NE, and E. (2-20)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)
TRAVERSE CITY ARPT-Only E/W rnwy open ngts. All other rnwy lgts obscured. Obst lgts S end N/S rnwy inop. (2-8)
TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wh eel-equipped acft land at own risk. No snow removal equip. Telefone 9277 for further info.(1-7)
WASHTENAW ARPT (ANN ARBOR)-Use rnwys only. Avail. days only. (2-20)
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)

MINNESOTA

APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. (2-28)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use caution. (6-28)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Temp closed (const.). (6-17)
FLYING CLOUD ARPT (MINNEAPOLIS)-Const. (12-17)
MANKATO ARPT-Use NE/SW, NW/SE strips only. (2-14)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
ORTONVILLE ARPT-Temp closed (const.) (6-20)
ST. PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New rnwys avail. ski-equipped acft only. Ctn in thawing weather. (1-7)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough. (9-30)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Avail. only ski-equipped acft winter months. Fld rough. (2-21)
★WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-RADIO: Mar 2, CAA ILS comm. Voice-equipped lclzr freq 109.9 mcs. Ident "MP". Approach bear. 7° mag. Glide path freq 333.8 mcs. No bndry mrkr. Middle mrkr 0.70 mi from end of rnwy. Ident alternate dots and dashes. Middle mrkr compass lctr freq 201 kcs, ident. "S". Outer mrkr 4.7 mi. from end of rnwy. Ident. two dashes. Outer mrkr compass lctr freq 219 kcs, ident. "M". Sys opers cont. Outer and middle compass lctrs flgt-checked, oper normal. These data rcvd too late for inclusion on data page. FLD: Foreign Clearing Stn for Musk-Calf Project Flgts. Ltd maintenance facs, no overngt parking facs for mil acft. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. (2-27)

MISSISSIPPI

AUGUSTINE FLD (JACKSON)-Use strips only- parked acft.
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
GULFPORT MUN. ARPT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27)
HAWKINS ARPT (JACKSON)-Rnwys 2-20, 16L-34R closed. (1-10)
**JACKSON ARPT-Name changed to Hawkins Arpt, Jackson, Miss. (2-16). See pages 121 and 122.
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only- drainage grills under grass. (5-17)

[redacted]

KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off Rnwy 4. Obst lgts atop glide path bldg 1000' from end of Rnwy 36 and 400' E of center of rnwy inop. Bndry lgts W side fld, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop.(2-14)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
**ULMER ARPT (BROOKHAVEN)-18' bldg erected E edge of N end of landing area. (2-25)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

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BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
**CHILLICOTHE INT, SITE 7, KC-CG-This is now a mun arpt and will hereafter be carried Chillicothe Arpt, Site 7, KC-CG. (2-24) See page 32.
CHILLICOTHE ARPT, SITE 7, KC-CG-Sod areas soft when wet, slightly rough when dry or frozen with portions slightly rutted with tire tracks. Use ctn. Avoid unmrkd ditches SW side of SE end rnwy and SE edge NE/SW rnwy SW of CAA weather stn. (2-24)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only - parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only- parked acft.
INDEPENDENCE ARPT-N/S strip avail., bal fld closed (grading). (6-25)
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45-C78.(5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: Glide path and bndry mrkr temp inop until perm lclzr recomm at a later date. (11-14) FLD: CLOSED TO ALL ARMY ACFT EXCEPT IN EMERG-USE FAIRFAX FLD. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. Obst lgt atop dike and on the extension of center line of N/S rnwy. (1-20)
KANSAS CITY-GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (2-24)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
★LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Feb 19, CAA twr now transmits on 278 kcs, 126.18,118.3 mcs. CAA ILS lclzr, bndry and outer mrkr flgt-checked Feb 21, oper normal. FLD: Closed to non-radio equipped acft. Equip. on fld. Const E, SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. (1-9)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs.)
NEW FLORENCE-RADIO: Feb 26, MH fac shut down, and will be recomm about Mar 6, pwr will be increased to 50 watts. Class will be BH. (2-21)
NEW FLORENCE INT, SITE 17, KC-LS-Unsafe heavy acft during thawing weather. (2-21)

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ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH) Use rnwys only-sod areas unsafe. Equip. on fld. days. (1-28)
★ST. JOSEPH-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-3) These data rcvd too late for inclusion on data page and chart.
SAVANNAH ARPT-Effect Mar 15, will be abandoned and unusable. (2-27)
★SEDALIA AAF (KNOBNOSTER)-RADIO: Army air/gnd stn now in oper on 137.88, 116.1,140.58 mcs. (2-20)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)

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BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
BOYDE MOUNTAIN, BCN SITE 34, SA-HL-Bcn inop. Acetylene blinker operating 42 FPM. (2-18)
BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
CUT BANK ARPT-Ctc lgts avail. on req. (11-28)
DILLON-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20, 16-34 only. (12-6)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E/W rnwy closed. (2-22)
HOT SPRINGS ARPT-Rough- muddy when wet. (12-13)
LEWISTON ARPT-200' temp lgtd rdo twr stn KXLO 3 mi NE (58°) true. (2-7) Use rnwys only. (2-25)
MILES CITY ARPT-Bndry lgts inop. (2-2)
★MISSOULA-RADIO: Additional voice transmitting fac avail. at commun stn on 111.1 mcs. (2-26)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr - courses unreliable (ice on loops) (11-3)
POLSON ARPT-Usable with caution. (7-19)
PONDERA CO. ARPT (CONRAD)-CLOSED (muddy). (2-20)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe- large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
★SUPERIOR-RADIO: VHF voice fac comm at commun stn Feb 19. Transmitson and gds 116.1 mcs cont. Range flgt-checked Feb 28, courses correctly aligned.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)

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AINSWORTH MUN. ARPT-Use rnwys only. (10-27)
CLAY CENTER ARPT-Use strips only. (5-19)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (9-26)
ELGIN ARPT-Haystacks on fld. (12-3)
*FALLS CITY ARPT-2 SSW. Abandoned (2-28) These data rcvd too late for inclusion in Flight Planning Chart and Arpt Data Page 29.
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (11-15)

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★GRAND ISLAND-RADIO: Additional voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-4) These data rcvd too late for inclusion on data page and chart. About Mar 17, range freq will be changed to 263 kcs. (3-1)
••GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27) FLD: No lgts or svcg. (2-26) See page 29
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office. (1-29)
LEE BIRD FLD (NORTH PLATTE)-Army acft rstd from refueling except in extreme emerg. (10-9)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)
McCOOK AAF-NW/SE rnwy avail. only. (2-3)
★OMAHA-RADIO: Additional voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-4). These data rcvd too late for inclusion on data page and chart.
OMAHA ARPT-RADIO: Feb 24, outer mrkr of CAA ILS temp suspended for installation of low freq compass ictr. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
••SCOTTSBLUFF ARPT-Bcn, rnwy lgts on req. (2-12) See page 28
SIDNEY INT, SITE 50, SL-OH-E/W strip avail., bal fld rough. (2-21)

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BATTLE MOUNTAIN-RADIO: 116.1 mc transmitter and rcvr temp inop. (2-10)
BATTLE MOUNTAIN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Portions of bndry lgts operating intermittently. (1-10)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)- S 700' N/S taxiway closed. (4-2)
FALLON NAS-Closed except in emerg. (9-27)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion,-soft sand, mrkd. (2-21)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (1-2)
★LAS VEGAS-RADIO: Commun stn guards 3117.6 kcs during hrs 0000 to 0800.(2-26) Mar 3, VHF range comm cont on test basis, at lat 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident "LQ". Courses: Visual, 29°, 209°; Aural, 119°, 299°. Mag. variation 16°E. Simultaneous voice channel and receiving watches (3117.5 kcs, 116.1,131.7 mcs.) avail. 24 hrs daily. Stn class: VAR-DTV. Disregard spurious signals.
LAS VEGAS AAF-Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
RENO-RADIO: 116.1 mc transmitter and receiver temp inop. (1-31)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

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BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. 34' hangar under const adj to bldgs S border fld. Avail. ski-equipped acft only. (2-22)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (1-20)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
KEENE ARPK-CLOSED. (2-28)

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LACONIA ARPT-E/W rnwy avail. wheel equipped acft. N/S rnwy, safety strips E/W rnwy avai. ski oper. Ctc lgts inop winter months. (2-25)
LAKES REGION ARPT (WOLFEBORO)-CLOSED (const.). (2-28)
LANCASTER ARPK-New surface dangerous when wet. (11-21)
LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (2-17)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
WHITEFIELD ARPT-Ski-equipped acft land off rnwy. (2-20)

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ATLANTIC CITY-RADIO: VHF rng operating on test basis only.
ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
BENDIX-RADIO: Tests of exper equip. will be conducted on freqs of 108.5, 109.3, 110.1 mcs.
CALDWELL-RADIO: Soon, VAR range will be comm at lat 40-50-45, long 74-23-00. Freq 109.1 mcs. Ident "NU". Visual courses: 112°,292°; aural courses: 22°,202°, Var. 11°W. Class: VARW (2-5)
CAPE MAY CGAS-Closed to trans acft except in emerg(caretaker status-no facs)
CARTARET-Bcn, side lgts inop on twr Radio Stn WOR. (7-24)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (8-2)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)
LAKEHURST NAS-Rnwy tests completed. These data rcvd too late to delete ⓪s.
LAKEWOOD ARPT-N/S strip under const. (2-24)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Ctc lgts E/W rnwy inop. (2-7)
★NEWARK ARPT-RADIO: CAA ILS comm Feb 19, 1947. See page 80. Concurrently with comm of this system Army ILS decomm. FLD: Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on Rnwy. No hangar space for Army acft. S 1600' from extreme end pavement Rnwy 1 closed. 75'lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. (2-8) To reduce the noise of acft flying over Newark residental areas and to avoid tall bldg section following must be complied with: 1.Increase the rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)
RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. E end E/W strip seeded. (2-18)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways muddy. (1-30)
••WOODBURY ARPT-New fld. Lat 39-49, long 75-11. See page 77

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ALMAGORDO AAF-RADIO: Army range inop. (2-17) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (2-28)

ALBUQUERQUE ARPT-Used by RFC. Avail. only for delivery surplus acft this fld, prospective purchasers of surplus acft or parts, or in emerg.
B & B FLYING SERVICE ARPT (ROSWELL) -Const. Avail. trans acft wi th extreme ctn. Heavy equip. on fld. (12-24)
CARLSBAD-RADIO: Courses flgt-checked, correctly aligned. (2-27)
CLOVIS AAF-RADIO: Army twr and ILS temp inop. (1-21) FLD: No opers office.
CONDON FLD-See notice under White Sands Proving Ground, N.M.
CREWS FLD, SITE 42, EO-PU (RATON) -Avail. days only. (2-25)
GALLUP ARPT-E/W rnwy closed. (5-4)
GALLUP CITY FLD-ENE/WSW strip under const. (5-7)
HOBBS AAF-Rnwys 3-21, 12-30 closed. (2-4)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (7-21)
J UNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened.(5-28)
LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)
ROSWELL-Inten inst train. on Roswell Radio Range below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg.
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld. White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condo n Fld. When Condon Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by radio prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14)

NEW YORK

ALBANY ARPT-Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-avail. skd-equipped acft only. (2-20)
BALLSTON SPA. ARPT-Avail. skd-equipped acft only. (2-14)
BENDER-BRENTWOOD FLD (BRENTWOOD) -Const o n fld-ctn. (2-18)
BRIGGS FLD (CARLISLE) -Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. 70' unlgtd smokestack W/ bndry fld between E/w and NE/SW rnwys. Rnwys and taxi strips marked with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, unlgtd. Projects 4' above obst lgts on lclzr bldg. (2-1)
CHEMUNG CO. ARPT (ELMIRA) -Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
★CLASON POINT-RADIO: LFM decomm Feb. 18.
CROTON AIR PARK (PEEKSKILL)-Hangar under constr. (6-11)
★FLOYD BENNETT FLD NAS (NEW YORK)-RADIO: Navy GCAavail via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 Kcs, and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/4 mi. (2-12) FLD: Closed 1700 to 0800.(2-20)
FORT PLAIN INST, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough.
★GLENS FALLS -RADIO: MHW relctd to the Warren Co. Arpt, 2.5 mi NE of Glens Falls, lat 43-20-38, long 73-36-30. (1-31)
**GLENS FALLS ARPT,SITE 18 LG-UL-All lgting equip perm discont. this date including 36 inch rot bcn, bndry, obst and wind cone lgts. These data received too late for inclusion on page 44. (3-1)
GLOVE CITY ARPT (GLOVERSVILLE) -Right traffic except when taking-off or landing to E. NE corner fld unusable-soft area mrkd. Closed to all acft above 250 HP. (11-25)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only - caution when wet. (5-18)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole. (1-13)
IDELWILD ARPT-Temp pavement on Rnwys B-(N/S) and C (NE/SW) being removed with trenches across rnwys presenting extreme hazard even in emerg. Not yet opened-const. (10-15)
ISLIP-RADIO: VAR range will be comm soon, at lat 40-50-30, long 72-57-57. Freq 108.3 mcs. Ident "IP" Visual courses: 61°, 241°; aural courses: 151°, 331°. Var 12° W. Class: VARW.
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)
★LA GUARDIA-RADIO: Feb 18, the new La Guardia Range comm at Clason Point. When the new range was tuned on,the old New York range at Maspeth was decomm. Coordinates of new range: Lat 40-49-11, long 73-50-33. Freq 209 kcs. Courses: 42°, 129°,222°,273°. Flgt-checked and correctly aligned. Outer mrkr of CAA ILS relctd and comm 4.5 mi SW of SW end of NE/SW rnwy at lat 40-42-52, long. 73-55-47. (2-18) See page 80.
★LA GUARDIA FLD (NEW YORK) -RADIO: Effect Feb 24, ADF approach control transmitting and rcvg facs on 116.1 mcs discont. Transmits on and guards, 126.18 mcs. (3-4) FLD:ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and13-31,mrkd. (2-24)
LONG MEADOW ARPT (REXFORD)-Avail. skd-equipped acft in emerg only. (12-27)
MacARTHUR FLD (ISLIP) -Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld daylight hrs. (2-21)
**MAHOPAC ARPT-New fld. lat 41-23, long 73-46 (2-4) See page 44.
MALONE-DUFORT ARPT (MALONE)-Avail. skd-equipped acft only. (11-21)
MASSENA-156' twr Radio Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion li ghting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (6-11)
★MITCHEL FLD (HEMPSTEAD)-RADIO: Army VHF DF stn opers 0730-2330 daily. Army ILS (CAA type) temp inop. (1-20)FLD: Rnwy 18-36 closed. (12-18)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
**NEWARK INT, SITE 27A, CV-AZ-Fld and lgts perm discont. (3-1) These data recd too late for incl on Flight Planning Chart and Arpt Data page 41.
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09,long. 75-52-34. Elev 261' MSL. (11-25)
★NEW ROCHELLE-RADIO: FM comm Feb 18 at lat 40-53-17, long 73-47-19, on NE course of new La Guardia range. See page 80.
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long 73-15; to lat 40-49, long. 72-30; to lat 40-00, long 72-30; to lat 40-00, long 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 150.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod) . Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
PULASKI ARPT-Const. Landing area being extended in all directions. (8-7)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days.
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28- avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed oridnance that any person violating traffic pattern, Federal and State regulations subject t o a penalty of $100. for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E.
SHERIDAN ARPT (WILLIAMSVILLE) -E/W rnwy under const-NE/SW avail. with ctn. (11-22)
SMITHPORT INC (UTICA) -Hangars under const. (10-14)
STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. range.
STEWART FLD (NEWBURGH) -Pilots unfamiliar with Stewart Fld let-down procedure will not be cleared this fld under actual inst conditions. Final approach under these conditions will be made on SW leg Stewart Fld range only. (8-5)
SYRACUSE-RADIO: About Mar 17, weather permitting N course will be realigned to 194°. Quadrant identification will be shifted placing N in NW. (2-28)
**SYRACUSE MUN ARPT-147' twr 15 mi SE, now lgtd (2-21). Turf areas soft after heavy rains. (2-21)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Bcn inop. (2-28)
WATERTOWN-RADIO: VHF range will be commissioned soon. Lat 43-57-08, long 76-03-52, 3.15 Mi 48° mag to SW end of NE/SW rnwy from stn. Freq. 109.1 mcs. Ident. "WB". Visual courses: 64-244, Aural courses: 154-334. Var. 12°W. Blue sector N. hemisphere. Stn class: VARW. (1-15)
WATERTOWN ARPT-Installing lgts. Land, taxi with ctn-holes along rnwy edges. (8-1)
WESTCHESTER ARPT INC (ARMONK) - Const, tree removal equip on fld. (8-16)
WESTCHESTER CO. ARPT (WHITE PLAINS)-Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S, E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. (12-31)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

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ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).
BALLOON FIELD NO. 1 (FORT BRAGG) -CLOSED TO ALL ACFT. No army maintenance.
★BOGUE MCAAS-RADIO: Navy twr comm Feb 19. See page 112.
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-CLOSED (equip) (11-25)
CANNON ARPT (CHARLOTTE) -Surplus Acft Sales Center - parked acft.
**CAP ARPT (RALEIGH) -New fld. lat 35-49, long 78-37. (2-10) See page 109. S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
CHARLOTTE-RADIO: Range figt-checked Feb 25, courses correctly aligned.
CHERRY POINT MCAS-RADIO: Temp repairs made Navy range, use with caution. (11-20) FLD: Const, equip. on rnwys. Rnwy lgts being repaired.(12-20)
DOUGLAS ARPT (CHARLOTTE) -Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
FAIRCHILD-CIVIL ARPT (BURLINGTON)-Use rnwys, taxi strip only. No fld facs.
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 110 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
**GASTONIA ARPT-1.3 SW ABANDONED (2-19) See page 109
**GASTONIA MUN ARPT-Ngt landing facs by pre-arrangement (2-19) See page 109 Training program consisting of from 2 to 6 acft in progress ngtly during CFR condi tions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT (GREENSBORO)-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (12-5)
HICKORY-RADIO: VHF rng operating on experimental basis only
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)
LEXINGTON ARPT-Ctn-strip rolling. (10-1)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
POPE FLD (FORT BRAGG)-RADIO: ILS (SCS-51) temp inop. (12-23) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1 -31)
★RALEIGH-DURHAM ARPT-RADIO: CAA twr now transmits on 272 kcs, 126.18 mcs. (3-4) Twr will assume 24 hr oper Mar. 5. These data revd too late for inclusion on data page and chart. Voice fac comm on CAA ILS lclzr Feb 20. Lclzr aligned by ground-check only. FLD: CAA ILS figt-checked Feb 25, oper normal. ILS and transmitter bldgs 900' from NE end NE/SW rnwy Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. (2-25)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
THOMASVILLE ARPT-Ctn-strip rolling. (10-2)
WARRENTON INT, SITE 46, JX-RW-Unsafe heavy acft (soft). (1-31)
WEEKSVILLE NAF-LTA-AVAIL. HTA and LTA acft day lgt hrs; ngts by prior arrangement or in emerg. (9-3)

NORTH DAKOTA

BISMARCK-RADIO: About Mar 7, E course will be realigned to 250°. (2-22)
**BISMARCK ARPT-348' twr of Rdo Stn KFYR, erected 11 mi NE (63°) true, at lat. 46-51-12, long 100-32-30. (1-13) Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)

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CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)
DICKINSON MUN. ARPT-Three 15' hay stacks along E bndry fld. (1-16)
FARGO-RADIO: About Mar 7, weather permitting, W course will be realigned to 83°. (2-22)
FARGO ARPT-HECTOR FLD (FARGO)-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (12-17)
GRAND FORKS ARPT-50' const booms adj to NE corner fld, lgtd ngts. (11-21)
PEMBINA INT, SITE 14A, FO-WG-N/S rnwy avail. ski-equipped acft, bal fld closed. Equip. on fld days. (1-26)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (2-26)

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AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N,W and SW. (11-24)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BROOKFIELD ARPT-CLOSED (grading). (2-27). These data rcvd too late for (R) symbol.
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (11-27)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT-Three 200' twrs 10 mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (2-19)
CLINTON CO. AAF (WILMINGTON)-RADIO: Army VHF DF stn opers on 139.32 140.58 and 137.88 mcs. (2-25) FLD: Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst. train. being conducted for danger area outline see Chart Columbus 71. (1-22)
COLUMBUS-RADIO: About Mar 10, weather permitting, the NE and E courses will be realigned to: 205°, 264°. (2-25)
CONNEAUT ARPT-Use mowed strips only. (6-4)
COUNTRY CLUB ARPT (JOHNSVILLE)-ABANDONED. (2-24). See page 69.
DAYTON ARPT-Use rnwys only at ngt. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush range lgts. Sod areas W of Rnwy 18-36 and N of Rnwy 9-27 rough-use in emerg only. (3-2)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
HOMERVILLE-RADIO: About Mar 12, FM will be decomm, coincidental with shifting of Columbus NE range course. (2-27)
LAKEWOOD AIRPARK (CINCINNATI)-New fld. Lat 39-14, long. 84-35. (1-23). See page 69. Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Army VHF DF stn comm and opers cont on 139.32 and 140.58 mcs. (2-25) Lclzr of Army ILS inop. (12-30)

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LORAIN CITY ARPT (LORAIN)-Water main being run thru the SW corner of fld; temp shortening NE/SW strip to 1800'. (9-27)
LUNKEN ARPT (CINCINNATI)-RADIO: CAA twr now transmits on 227 kcs, 118.7 126.18 mcs. (2-21) FLD: Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. Two 300' twrs Stn WLW, 17 mi NNE being dismantled. (2-26)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
MATHER ARPT (CLEVELAND)-ABANDONED. (2-20). See page 140.
McKINLEY ARPT (CANTON)-80' twr midway between NE/SW and NW/SE rnwys on E bndry. To be removed approx Mar 21, 1947. (2-21)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (9-17)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE.(11-27)
PATTERSON FLD (FAIRFIELD)-RADIO: Army GCA sys inop being dismantled. (2-10). Army ILS (SCS-51) will be used for CFR training flgts and in emerg only. (2-17) Army VHF DF stn installed, but not yet in oper. (2-25). FLD: Equip. on fld. (1-3)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (11-26)
POLK GROVE ARPT (VANDALIA)-ABANDONED. (2-24). See page 69.
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Use only E/W strip when soft. Fills in NE/SW strip during thawing weather. (2-21)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather-use rnwys only. (2-20)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)
TOLEDO-RADIO: About Mar 10, weather permitting N course will be realigned to 174°. Quadrant signals will be shifted so that the N signal will be in the NE and SW quadrants. (2-22)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. (11-27)
WELLINGTON ARPT-Right traffic on S and SW rnwys. (12-22)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FLD. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flights. Ltd maintenance. No quarters for trans crews. (10-22)
WYNKOOP ARPK (MT. VERNON)-Under const. (6-20)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (12-5)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (12-5)

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ALTUS ARPT-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (12-13)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (9-13)
BOISE CITY ARPT-Emerg use only. (5-11)

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CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (11-27)
ENID AAF-Ltd parking facs. Use rnwys, taxiways only. (1-29)
GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (11-26)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm. (11-25)
HATBOX FLD-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only - parked acft.
**HUNTER'S FLIGHT STRIP (HOBART)-New fld. Lat 35-01, long. 99-06. (1-5) See page 93.
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (12-2)
**MARIASH ARPT (CHICKASHA)-Lat 35-00-30, long. 97-56-00. (2-6) See page 97.
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lc traffic avoid flying over bldg area and corporate limits of Norman. (12-2)
NEWKIRK SKYPARK-NW/SE strip under const. (8-3)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
**POST FLD (LAWTON)-This fld should be carried under Fort Sill. (2-24) See page 96. All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip on fld. (2-19)
ROOSEVELT-RADIO: Dec 5, VHF range flgt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00, long. 99-03-48. Freq. 108.7 mcs. Ident. "RQ". Visual courses: 53°,233°; aural courses: 143°,323°.
SHAWNEE ARPT-Use rnwys, taxi strips only. (11-25)
STILLWATER ARPT NO.1-1325' twr Rdo Stn KSPI being erected 4 mi SSE (160°) true. Will be completed approx Mar 20. (2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army range reported unreliable for orientation and homing. (10-30)
TULSA ARPT-Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. Army svcg, crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (2-27)
★**WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: CAA ILS comm with voice and flgt-checked on cont oper Feb 19. Glide path lctd 1000' N of S end N/S rnwy. See Page 97. FLD: Neon approach lgts and green course lgt serving Rnwy 35 comm Feb 22. (2-22) See page 97. Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

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BAKER ARPT-Use rnwys only. (1-29)
BEAVER MARSH INT, SITE 73, RV-ND-Avail. large acft with ctn-unsafe lgt acft. (12-10)
BLUE STAR ARPK (EAGLE POINT)-Hangars under const. (10-18)
CIVIL AIR PATROL ARPT (WORDEN)-CLOSED (muddy during winter months). (11-25)
COASTWAY SCHOOL OF AERONAUTICS(TILLAMOOK)-Non-standard traffic patterns. (2-19)
EUGENE ARPK-N/S rnwy closed-to be used as taxiway only. (9-13)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade.(6-5)
HOOD RIVER ARPT-Grading in progress to widen and lengthen strips. (9-16)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LA GRANDE-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (2-9)
MAHLON SWEET FLD (EUGENE)-Equip. on fld: Use rnwys only. (10-6)
MEDFORD ARPT-Use rnwys, taxi strips only. Tetrahedron controllable from twr

OREGON

until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil. acft. (1-6)
★PENDLETON FLD-RADIO: CAA twr now guards 3105,4495,6210,3117.5 kcs, 118.7, 122.5 mcs. (2-28) These data rcvd too late for inclusion on data page.
★PORTLAND-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (2-25)
PORTLAND AAB-RADIO: CAA ILS will be comm about Mar 15. Approach bear. 113° Mag. Voice-equipped lclzr freq. 109.9 mcs. Lctd 900' SE of SE end of NW/SE rnwy on centerline. Glide path freq. 333.8 mcs, angle 2.5°. Lctd 1119' SE of NW end NW/SE rnwy. Outer mrkr lctd 4.81 mi NW of NW end of rnwy, keyed two dashes per sec. Middle mrkr lctd 0.52 mi NW of NW end of rnwy, keyed alt. dots and dashes. No bndry mrkr. (1-20) FLD: Flash. lgts on tetrahedron indicates suspension CFR flights. Ltd JP-1 fuel avail. Use rnwys, taxi strips only. (2-17)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (11-26)
SEASIDE ARPT-Non-standard traffic patterns. (2-19)
TROUTDALE ARPT-Surplus Acft Sales Center - parked acft.
VALE ARPT-Hangar under const. (9-12)

PENNSYLVANIA

ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 6, 14, 18 inop. (1-19) 370' twr Rdo Stn WFMZ being erected 5 mi SW (218°) true. (2-19)
BARRETT ARPT (CANADENSE)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (12-5)
**BUCKSTOWN INT, SITE 12B, WA-CV-Fld and lgts perm discont. (3-1) See page 73.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right hand traffic on W take-off. (11-27)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (6-11)
CECIL-RADIO: Visual and aural FM signals reported in Vicinity of Imperial, Pa. (7-17)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. (12-10)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. (11-28)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months.(11-15)
DALEVILLE ARPT-Right traffic used on S to SE take-off. (11-29)
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
**EMMAUS ARPT-New fld. Lat 40-32, long. 75-32 (12-5) See page 74.
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREEN ACRES ARPT (HAZLETON)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy, mrkd. (1-28)
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT (HARRISBURG)-Use rnwys only. (12-5)
JOHNSTOWN ARPT-Use rnwys only. (11-22)
JOHNSVILLE ARPT-RADIO: Soon, freq of Navy twr will be changed to 284 kcs. (2-24)

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KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (5-27)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd.(11-27)
MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)
★MILLBROOK-RADIO: Freq for VHF range 109.1 mcs. (2-24)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (12-2)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use Rnwys 11, 32 for ngt landings. (12-26)
PHILADELPHIA NORTHEAST-RADIO: VHF rng operating on experimental basis only.
PHILADELPHIA NORTHEAST ARPT (PHILADELPHIA)-Avail. rdo-equipped acft. Use rnwys only. Equip. on fld intmtly days. Trans pilots must register in Admin Bldg on arvl and deptr. (10-15)
PHILADELPHIA SOUTHWEST ARPT (PHILADELPHIA)-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident "PG". (12-31) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (10-8)
PITTSBURGH-RADIO: DF stn temp inop. (11-24)
PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. (2-21)
PITTSBURGH-BETTIS ARPT (PITTSBURGH)-Right traffic on NE and NW rnwys. (11-30)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (11-27)
READING ARPT-RADIO: CAA ILS comm Oct 9 on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not-flgt-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)
SMILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)
STAR VALLEY ARPK (CHARLEROI)-Equip. on strip intmtly. Unusable in wet weather. (11-22)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (10-15)
VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (5-29)
VANDERGRIFT ARPT-Soft after hard rains. (2-4)
WEST CHESTER ARPT-Strips under const. (4-15)
WILKES-BARRE-WYOMING VALLEY ARPT (WILKES-BARRE)-Use rnwys only. (11-14)

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WILLIAMSPORT-RADIO: Soon, weather permitting freq of range will be changed to 375 kcs. (2-25)
WILLIAMSPORT ARPT-Closed ngts. Avail. emerg landings only. (10-4)
WILLOW GROVE NAS-Closed sunset to 0800. Equip. sides all rnwys days -lgts being installed. IFR inbound flgts will be accepted daylgt hrs but no IFR outbound flgts may be made. (2 -11)
WINGS FLD (AMBLER)-NW/SE rnwy unusable (plowed up). Hangar const S side fld. Fld being graded, mrkd days. (9-14)

RHODE ISLAND

★CHARLESTOWN NAAS-RADIO: Navy GCA avail. via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 200', 1/4 mi. (2-12) Avail. for training only. NAVY twr now transmits on 269 kcs, 142.74 mcs. (2-12) FLD: Const. Low alt formation break-up. Use ctn below 1000' alts. Equip. on Rnwy 4-22.
GREENE ARPT, THEODORF FRANCIS (PROVIDENCE)-Use rnwys only. (1-9)
PROVIDENCE-RADIO: VHF range will be comm soon at lat 41-40-32, long. 71-50-49. Freq. 108.7 mcs. Ident. "PR". Visual courses: 59°, 239°. Aural courses: 149°, 329°. Var. 14° W. Class: VARW.

SOUTH CAROLINA

CHARLESTON MUN. ARPT-Use rnwys only.
CLARK FLD (CHARLESTON)-Strips rough. (4-19)
★COLUMBIA-RADIO: Stn now guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. These data rcvd too late for inclusion on data page. (3-3)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). (12-5)
GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)
GREENVILLE AAB-Wind tee removed. Tetrahedron lgts inop. Non-rdo equipped acft watch twr for landing direction. Occasional heavy glider traffic. Maintenance 0830 to 1700 daily. (2-7)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH. FLD: Ltd army svcg 0800 to 1800. Ltd parking space. (12-23)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (12-5)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
★SHAW FLD (SUMTER)-RADIO: Army VHF DF stn comm and opers 0600-2400 on 139.32,140.58 mcs. (2-25) FLD: No 73, 91 oct. (12-11)
WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flgt plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

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ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld.
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn.(11-15)
★PHILIP-RADIO: INSAC, MH fac, rcvg watches, weather reporting services and teletype facs recomm Mar 1. Freq 206 kcs, ident "IL". MH fac opers on req. Guards 3105,4495,6210,3117.5 kcs. These data rcvd too late for inclusion on data page and chart.
RAPID CITY AAB-RADIO: Army ILS temp suspended. (1-3)
SIOUX FALLS ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (1-8)

W. W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Blinding 30 million candle pwr ceilometer 1000' NW bcn. (9-27)

BERRY FLD (NASHVILLE)-RADIO: Middle and outer mrkrs of CAA ILS will be inop for installation of compass lctrs. FLD: Use rnwys only-rnwy,taxiway shoulders soft. (1-13)

CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)

CORNELIA FORT AIRPARK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)

CUMBERLAND FLD (NASHVILLE)-Strips under const.

EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only - parked acft.

KNOXVILLE-RADIO: About Mar 8, low pwrd range, 3.2 mi SW of McGhee Tyson Arpt, will be decomm. (2-21)

KNOXVILLE-McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (10-3)

LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)

McKELLAR ARPT (JACKSON)-Use rnwys only - parked acft.

MEMPHIS ARPT-RADIO: CAA ILS and compass lctr at middle mrkr site flgt-checked Feb 26. Outer compass lctr inop (interference) (2-26) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only - shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way rdo transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)

MEMPHIS FLYING SERVICE (MEMPHIS)-All N take-offs and landings, right hand traffic, all S take-offs and landing, left hand traffic. NE/SW and E/W rnwys closed. (2-24)

MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flgt plans should be addressed to "MEMPHIS NAVY". Exten flgt opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR.(2-8)

OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, N W/SE strips during rains and after thaws. Use grass spots only. (1-13)

SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (2-13) FLD: Only minor acft repairs. (2-14)

TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0600 to 2100. Lgt gun only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)

WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Lgt acft use ctn. (2-3)

ABILENE-RADIO: S tn guards 3117.5 kcs 2300 to 0700.

ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr.(9-3)

ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (10-20)

ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only - parked acft. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (6-3)

ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (11-22)

ASHERTON ARPT-High brush - use strips with caution. (6-11)

AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flgt-checked, courses correctly aligned, break in stn lctn mrkr lgt pattern. (5-23)

BERGSTROM FLD (AUSTIN)-NE/SW, NW/SE rnwys closed. (2-10)

★BIGGS FLD (EL PASO)-RADIO: Army VHF and DF, call name DF Homer transmit on and guards 139.32,140.58 mcs. cont. (2-28) Army ILS (CAA type) temp inop. (1-3) FLD: See notice under White Sands Proving Ground, N. M. (12-26)

★BIG SPRING-RADIO: Stn guards 3117.5 kcs 2300 to 0700. (2-27)

**BROOKS FLD (SAN ANTONIO)-Oscillating fan type bcn replaced by 24" rigid DRUM SINGLE ROT. BCN. (2-19)

★BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 0000 to 0800. (2-23)

BRUCE FLD (BALLINGER)-Holes in fld. (10-18)

CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)

CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flgt-checked for cont oper at lat 34-32-12, long. 100-17-12, lctn approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "OM". Visual courses: 53°,233°; aural courses: 323°, 143°. (7-25)

CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)

CLEVELAND-RADIO: Oper on exper basis only. (1-9)

CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. (9-12)

COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. (2-11)

★CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700 (2-25)

★CORPUS CHRISTI NAS-RADIO: Navy GCA avail. via twr on 30 minutes notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. No weather minimums given. (2-12)

**CUDDIHY NAAS (CORPUS CHRISTI)-No Navy activities. Will hereafter be carried as Cuddihy Arpt. Open to priv and commercial flying (2-26) See page 113.

CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings should be made within orange cone bndrys. Use strips only-parked acft. No svcg or lgts.

DIMMIT CO. ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)

DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)

EDNA ARPT-Ctn when wet. Use strips and taxi strips only. (2-22)

EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)

ELDORADO ARPT-E/W strip soft in wet weather. (12-6)

★ELLINGTON FLD (HOUSTON)-RADIO: Army twr now operates only during Air ** Reserve flying training. (2-21) Army air to ground stn now in cont oper on 137.88 116.1,140.58 mcs. (2-21) FLD: On active status, Rot, split beam bcn, rnwy, bndry, obst lgts. (2-12) See page 117. Closed to VHB acft except in emerg. Svcg 0800 to 1700 only. (2-24)

ENGLISH FLD (AMARILLO)-Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. Five 300' lgtd twrs of Rdo Stn KGNC being erected 15 mi NE (30° true). (1-19)

FAIRCHILDS, BCN SITE 16, ZN-HU-Soon will be perm discont. (12-12)

FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)

FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)

FORT WORTH AAF-E/W rnwy closed. 40' trees immediate end Rnwy 35L. (12-20)

FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discression in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FIELD (SHERMAN)-Use rnwys only.
GIBBS FLD (FT. STOCKTON)-Use rnwys only-parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (12-5)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Rdo. Local inst acft using range. Ltd parking, svcg facs. (1-8)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (1-6)
GUTHRIE-RADIO: VHF range flight checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108-3 mcs. Ident. "UH" Visual courses: 72°, 252°, aural courses: 162°, 342°. Blue sector in North quad. "N" in E quad, "A" in W quad. (1-10) Var. 11° E.
HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HEARNE BCN SITE 15, GS-WC-Bcn inop. (5-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FLD (FORT WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO 6390 kcs transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Radio for ngt landings. (5-12)
HOUSTON ARPT-Four 190' twrs rdo stn KATL being erected 15 mi NW (313°) true. (2-19) Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (12-31)
JOAQUIN-RADIO: VHF rng operating on experimental basis only.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°, aural courses: 38°, 218°. (12-9)
★KELLY FLD (SAN ANTONIO)-RADIO: Army VHF DF stn comm and opers cont. on 139.32, 140.58 mcs. (2-25) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. (1-2)
KENDLETON: BCN SITE 14, ZN-HU-Soon, will be perm discont. (12-12)
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130°) true. (1-22)
LAMESA FLD-Holes in fld. (10-16)
LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information. (12-14)
LAUGHLIN FLD (DEL RIO)-Closed-emerg use only.
LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr cellometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. Rnwy 7 closed. Rnwy 25 open for take-offs only. (2-7) 520' rdo twr under const 8.7 mi SE (120°) true. (1-20)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
MEACHAM FLD (FORT WORTH)-RADIO: CAA ILS flgt-checked Feb. 10, oper normal. FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. About Mar. 5, approach lgt lane on N end N/S rnwy will be discont. 285' twr rdo stn KCNC being erected 5 mi SE (135°) true. (2-17).

MINERAL WELLS ARPT, new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (12-5)
**NACHITOCHES ARPT-4 mi WSW should be Nacogdoches Arpt (2-24). See page 120
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE AIRPORT-NE/SW, NW/SE strips under const. Use only E/W strip. Fld flooded after rains. (7-10)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (10-21)
PAMPA ARPT-Hangars being const along N/S hangar line parallel to N/S strip. (10-18)
PARKER ARPT (TEXAN)-Hangar under const. (9-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (11-6)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 clsd. Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. (2-28). 180' rdo twr being erected 3 mi SSE (158°) true. (2-13)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (8-1)
SALTILLO, BEACON SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio ATC. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stns and adhere to instructions issued by San Antonio ATC. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-Acft arriving after dark rqrd to have 2-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN ARPT (WICHITA FALLS)-Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
SKYHAVEN ARPT (MIDLAND)-Hangar under const. (10-30)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Svcg, opers avail. 0800 to 2200. Ltd transportation, no housing, messing facs. (12-12)
STAMFORD ARPT-155' twr rdo stn KDWT being erected 3 mi SSE (160°) true. (2-19)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (11-12)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BEACON SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt, 0800-1615 daily except Sat. and Sun. All acft cautioned to fly above 1500' over this area.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
★WACO-RADIO: Additional VHF voice fac avail. at commun. stn. Transmits on 111.1 mcs cont. (3-1)

WHITE FLD (BRADY)-CLOSED (8-7)
WOLF CITY ARPT-Use in emerg only. (2-25)
WOODSON ARPT (TEMPLE)-Rough-use rnwys only in wet weather. (2-4)

BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-CLOSED (snow). (1-30)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (10-23)
HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7 mc rcvr temp inop. (1-23)
HILL FLD (OGDEN)-RADIO: Army VHF DF stn being installed, but not yet in oper. (2-25)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr Trench across taxiway, mrkd. (2-18)
PROVO ARPT-Const until approx Apr 3, 1947. Land at own risk. (2-20)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. (1-2)
SALT LAKE CITY-RADIO: Auto. range monitor. sys. on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S,SE, or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip Area, from 0800 to 1800. See chart ?3.
WENDOVER FLD-Opers inop 1700-0730. Fld closed 1800 to 0730 except on 24 hrs advance notice and in emerg. Obst lgts on mtns N and W of fld inop. (2-3)

BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. (12-3)

ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
★BLACKSTONE-RADIO: Mar, 3, range freq changed to 326 kcs, 116.1 mcs. These data rcvd too late for inclusion on data page, charts and for (R) symbol. Courses aligned by ground check only. Reception on all guarded freqs, except 116.1 mcs occasionally unreliable (heavy lcl interference) (1-29)
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. (3-3)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
••CHESAPEAKE BAY-AA firing will be conducted during hrs 1000 to 1130 and 1300 to 1430 daily thru Mar 7. Firing will be conducted by PT boats from a position in lat 37-43-06, long. 76-07-24, a point approx 14 mi E of Kilmarnock. (2-27)
CHILHOWIE INT, SITE 29B, NA-WA-CLOSED (snow). (2-27)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req. with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on request. IFR flight plans accepted only 0800-1630 Monday through Friday except on holidays and on 2 hrs notice. Fld lighting sys under repair, unreliable. Use rnwys and taxi strips only, soft shoulders and trenches along sides of rnwys and taxi strips. Equipment on field. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with caution. (2-26)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF BUS. OR IN EMERG; Off. flights must be cleared thru one of the following: Naval Air Stns: Anacostia, D.C.; Patuxent River, Md.; Norfolk,Va.; Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory, Philadelphia, Pa.; Cherry Point MCAS, S.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld,Va.; Wright Fld,Dayton,Ohio; Aberdeen Proving Gnd,Aberdeen,Md.; Lakehurst NAS,N.J. 1 rnwy clsd. Equip. on fld. Only 1 rnwy avail. ngts. (8-28)
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status-no facs)
FRONT ROYAL-RADIO: Soon, weather permitting, range freq will be changed to 359 kcs. (2-27)
GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
★LANGLEY FLD-RADIO: Army GCA sys avail. for training and in emerg. Freqs 116.1,126.18,137.88,140.58,137.70,134.10 mcs. Transmits on: 3475,4890,6640. Receives on all high freqs. (2-24) N course of Army range swinging 5° W, bear. 167°. (1-15). Army VHF DF stn comm and opers cont on 139.32 and 140.58 mcs. (2-25) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD-SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (12-31)
••MILFORD INT, 49B, AC-LG-Fld and lgts perm discont (3-1) See page 76.
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs)
MOUNT VERNON-See Special Notice under District of Columbia.
★NORFOLK-RADIO: Simul. range now equipped with Attention Signal. (2-25) VHF range comm FOR TEST PURPOSES ONLY. Lctd at lat 36-48-18, long. 76-12-06. Ident "NW". Freq. 108.7 mcs. Visual courses: 20°, 15', 200° 15'. Aural courses: 110° 15', 290° 15'. Class: VARW. Aligned by ground check only. (1-20)
★NORFOLK NAS-EAST FLD-RADIO: Navy GCA avail via twr on 39 minutes notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 200', 1/2 mi. (2-12) FLD: Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flights proceeding in accordance with IFR to NAS Norfolk, shall establish radio ctc with twr at NAAS Chincoteague, Va., for further clearance instructions from Navy Norfolk. Pilots on Northbound coastal flights proceeding in accordance with IFR to NAS Norfolk shall establish radio ctc with Navy Weeksville Radio, NAS (LTA) Weeksville, Elizabeth City, N.C., for further clearance and instructions from Navy Norfolk. Equip. on fld. (7-22)
OCEANA NAAS-Rnwys, taxi strips under const. Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Essential mil flights accepted anytime on prior notification. (9-26)
ORANGE CO. ARPT-Strips muddy in wet weather. (12-29)
PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)
PETERSBURG ARPT-Avail emerg landings only. (1-20)
PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
RICHMOND-Elko Aux. Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDINGS BY ACFT OF ANY TYPE. Care should be taken not to confuse this fld with the Richmond AAB.
RICHMOND AAB-Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)
ROANOKE-RADIO: Soon, weather permitting, range freq will be changed to 371

kcs. (2-26)
SHENANDOAH ARPT-N/S strip under const. (10-28)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (10-18)
VALLEY ARPT (WAYNESBORO)-Ctn when wet. (12-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (6-7)
WOODRUM FLD (ROANOKE)-Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

WASHINGTON

SPECIAL NOTICE: Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON NAAS-Use in emerg only (caretaker status-no facs)
BARRY'S SKYHARBOR ARPT (TACOMA)-Non-standard traffic patterns. (2-19)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
BUENA ARPT-Non-standard traffic patterns. (2-19)
CLE ELUM ARPT-Non-standard traffic patterns. (2-19)
COLVILLE ARPT-NW/SE strip closed. (11-6)
COUNTY-CITY ARPT (PORT TOWNSEND)-Non-standard traffic patterns.(2-19)
COUPEVILLE OLF-Closed except in emerg. Training use requires 24 hrs advance notice thru Whidbey Island NAS. (9-11)
DOROTY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)
EASTON INT, SITE 5B, SA-HL-Portions of fld hazardous, mrkd. (2-26)
★ELLENSBURG-RADIO: Stn now guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs Additional VHF voice fac avail. at commun. stn. Transmits on 111.1 mcs. (3-3) These data rcvd too late for inclusion on data page and charts.
EPHRATA ARPT-Cattle on fld. (10-7)
★EVERETT-RADIO: Feb. 25, Overseas-Foreign Aeronautical Communications Stn (KCJ) now transmits on and gds 116.1 mcs. Circuit 457 Air Carrier air-ground freqs 1638,3082.5,5037.5,6347,9980 kcs rcvg and transmitting. Circuit 460 CW bdcast 4580,8220 kcs transmitting only. Circuit 300X Rdo teletype and high-speed rdo telegraph 168,4070,8130,11331,16232.5 kcs transmitting; 91, 4475, 8100,13600,16280 kcs rcvg. Circuit 316 Air Carrier point to point 183,2748,4690, 6545,8015 kcs transmitting; 197,1722,2748,4690,6545,8015 kcs rcvg. Circuit 311, alternate for circuit 316 point to point rdo telegraph transmitting and rcvg 183, 2796,5310,7880,12290 kcs. KCJ, OFACS discont opers on circuit 454-456 on Feb. 24, on 2912,3285,4220,4595,6523,8200,11445 kcs transmitting and rcvg, at which time McChord Army Airways assumed guard of these Army air-ground freqs. (2-13) Additional VHF voice fac avail at commun stn. Transmits on 111.1 mcs. These data rcvd too late for inclusion on Data Page and Chart.
FAIRWEATHER FLD (REPUBLIC)-Avail. lgt-ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (2-7)
HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment. (7-1)
KELSO ARPT, SITE 61, SA-SF-Obst lgts atop antenna poles NE corner fld inop. (2-22)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KING CO: ARPT-BOEING FLD (SEATTLE)-Daylgt CFR opcrs-lgt non-rdo equipped acft use mrkd dirt landing strip, E side adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking-off to NE. Flash. amber lgt on control twr will indicate right pattern in relation to dirt landing strip, All turns,taxiing off or back on dirt area made toward control twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip on fld. (3-1)
★LA CENTER-RADIO: FM comm Feb. 11. See pages 1,142. Lat. 45-49, long. 122-39.
LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED (4-26)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Non-standard traffic patterns. (2-19)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
★McCHORD FLD (TACOMA)-RADIO: See Everett. Army ILS (CAA type) temp inop. (1-7) FLD: Use rnwys,taxiways only. Equip. on fld. (12-11)
MT.VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (10-1)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on 5 minutes before arvl and turned off upon arvl and landing of acft. (12-7)
ORCAS ISLAND ARPT (EASTSOUND)-Fld wet until Mar. 24. These data rcvd too late for Ⓡ symbol.
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt mgr of CAA Commun Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status-no facs)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only.(11-26)
PUYALLUP ARPT-Non-standard traffic patterns. (2-19)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
ROSALIA MUN. ARPT-12" grass and weeds. (7-16)
S & S AIRSTRIP (PUYALLUP)-Non-standard traffic patterns. (2-19)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE-All acft advised not to fly below or near blimps in Puget Sound Area.
★SEATTLE NAS-RADIO: Navy GCA avail. via twr, on 30 minute notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/2 mi. (2-12) FLD: Single-engine acft approach stn from Kirkland at 1000" alts. Seaplane landing approach over Lake Washington from N or S under 200'. Rnwy 14-32 lgtd 30 minutes prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
SEATTLE-TACOMA ARPT (SEATTLE)-RADIO: About Mar 15, bndry and outer mrkrs of CAA ILS will be discont, and outer mrkr will be relctd 4-1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs, to be lctd 1150' N of S end of N/S rnwy and 400' W of centerline. Lclzr continues to operate on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (2-14) FLD: Equip. on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. Taxiway #1 from intersection to S end closed. (2-19)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14).
★SPOKANE-RADIO: Additional voice transmitting fac avail. at commun stn on

111.1 mcs. (2.27)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds (7-1)
SUNNYSIDE ARPT-Non-standard traffic patterns. (2-19)
**TOLEDO INT, SITE 63B, SF-SA-Change name to Toledo-Winlock Int, Site 63B, SF-SA. (2-26).
TOLEDO-WINLOCK INT, SITE 63B, SF-SA-Use strips only-sodded portions soft. (11-18)
**WALLA WALLA AAF-RADIO: Army VHF DF stn now in cont oper on 139.32,140.58 mcs. (2-28) FLD: No opers office. Equip. on fld days Mon thru Fri. (2-10)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
**WHIDBEY ISLAND NAS-AULT FLD-RDO: Navy GCA avail. via twr on 39 minute notice. Will transmit on HF from 2000 to 18100 kcs, and rcv on 1500 to 9050 kcs. Weather minimums 100', 1/4 mi (2-12) FLD: Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. Tetrahedron lgts inop. (12-12)
WILBUR ARPT-Center 200' strip avail. Equip. on fld. All taxiing on fld is on the left side of strip. (12-13)
YAKIMA CO. ARPT-Use rnwys, taxiway only, graded areas rough with ridges of dirt 6" to 2' high. Equip. on fld 0800 to 1600 daily. (2-27)

[redacted]

TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

[redacted]

BOLLINGER FLD (CHARLESTON)-Obst lgts on 240' twr rdo stn WKNA 5 mi N (360°) true inop. (2-13)
ELKINS ARPT-Contact Elkins Rdo or circle fld before landing. (7-16)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains.(1-6)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (12-31)

[redacted]

BOYCEVILLE ARPT-Fld soft in wet weather. (2-17)
CHAPLIN'S ARPK (PLYMOUTH)-NE/SW, NW/SE strips under const. (10-21).
CLINTONVILLE ARPT-Use plowed strips only. (1-8)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN; ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in spring 1947. (11-18)
GENERAL MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to icly based acft. All acft landing according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin. Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)
GINNOW ARPT (OMRO)-Use strips only. (1-6)
LA CROSSE ARPT-Use rnwys only. (9-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-CLOSED (snow) (2-17)
MOREY ARPT (MADISON)-Use strips only. (1-8)
PLATTE ARPT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)
SHAWANO ARPT-Use rnwys only. (1-2)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (1-3)
SOLON SPRINGS ARPT-Const-unusable. (10-29)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TOMAH ARPT-N/S strip under const. (2-24)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 to 0730. (2-3)

[redacted]

VETERANS FLD (MENOMONIE)-Rough. (1-2)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. (12-13)
WINNEBAGO COUNTY AIRPORT (OSHKOSH)-Use N/S, E/W runways only. (1-8)

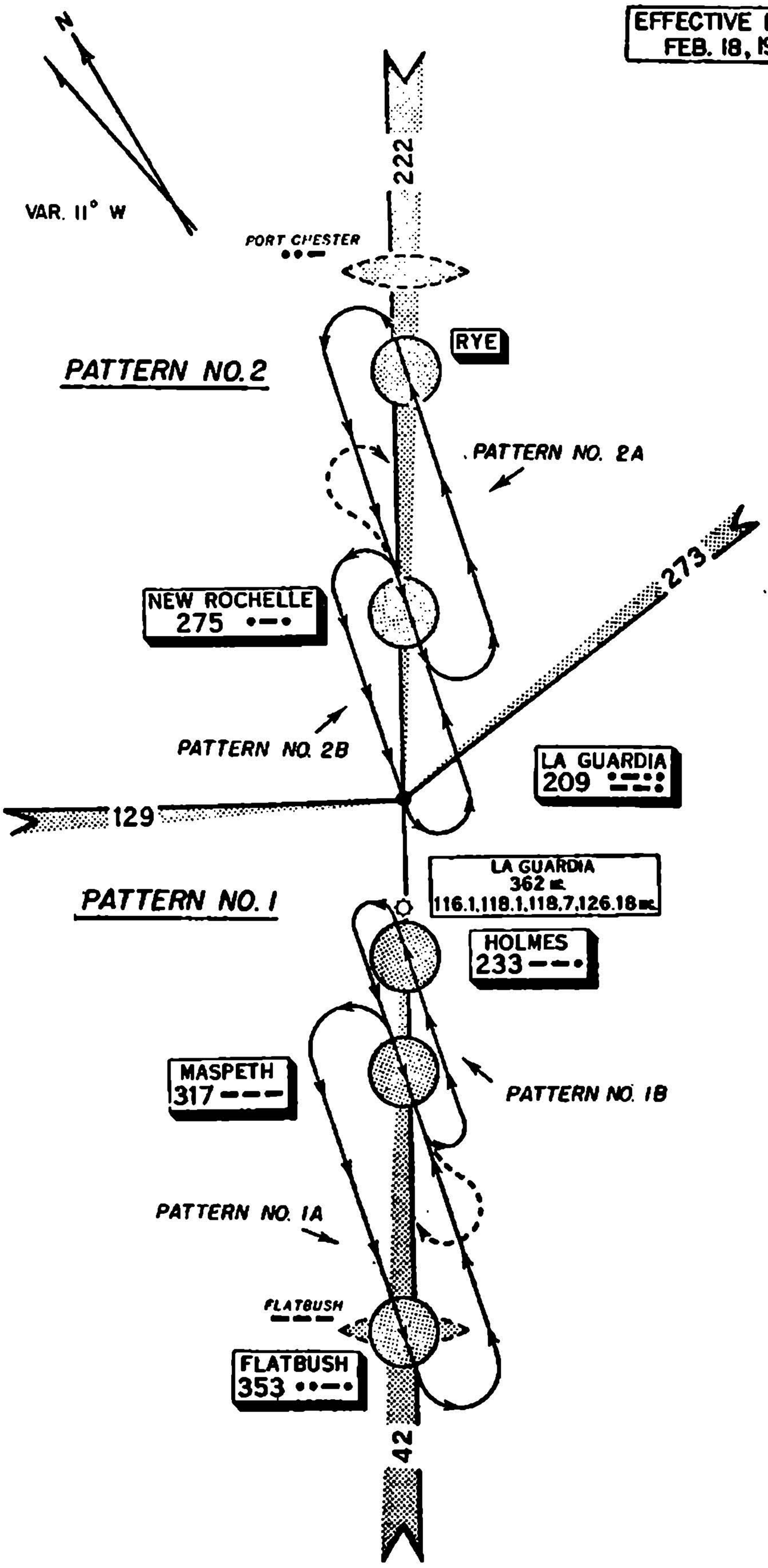
[redacted]

BUFFALO INT, SITE 27, CX-GT-CLOSED (snow). (2-26)
CASPER AAF-No opers office. (1-29)
**CHEYENNE ARPT-Neon approach lgt lane comm Feb. 18 at E end E/W rnwy. Hrs of oper. sunset to sunrise (2-19). See page 28. Equipment on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
FORT BRIDGER INT, SITE 9, SL-OH-Hazardous to all acft (snow). (2-4)
JACKSON MUN. ARPT-Cattle on field intmtly. (5-20)
KEMMERER INT, SITE B17, BX-RT-Hazardous to light aircraft (muddy).. (2-20)
**KNIGHT INT, SITE 6, SL-OH-Field discontinued, converted November 6, to A type site with 24" rot. bcn showing 6 clear flash per min and red course lgts flash. chart "6" (- . -) Beacon remains at same location. (2-1). See page 24.
SHERIDAN COUNTY AIRPORT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equipment on fld intermittently.Ctc Sheridan rdo for fld lgts. (2-6)
SUSSEX INT, SITE 22A, CX-GT-CLOSED (snow). (2-4)
WARDWELL FIELD (CASPER)-Use rnwys, taxi strips only - balance field rough Thirty million candle power ceilometer projector 1000' N of beacon. (10-30)

REVISIONS TO FLIGHT INFORMATION MANUAL, CHAPTER XI, INSTRUMENT APPROACH PROCEDURES

STATION	MIN. INITIAL APPR. ALT. FROM THE DIRECTION AND RADIO FIX INDICATED	SHUTTLE	FINAL APPR. LEG	PROCEDURE TURN MIN. AT DISTANCES FROM RADIO RANGE STATION	MIN. ALT. OVER RANGE FINAL APPR.	STATION TO ARPT. MAG. BEAR.	STATION TO ARPT. DIST. (MI.)	MIN. LETDOWN ALT. OVER ARPT.	VSBY. MIN (MI.) D	VSBY. MIN (MI.) N	IF CONTACT NOT ESTAB. OVER ARPT. REMARKS
ALBANY, N.Y. Albany Airport	N-1200' (Saratoga Springs, FM,final) S-2900' (Medway FM) W-2500' (Auriesville FM)										
ALLENTOWN, PA. Allentown-Bethlehem Airport	NE-3000' (NW leg New York) W-3500' (S leg Williamsport)[Delete NW approach] W-2000' (Slatington FM)										
ATLANTA, GA. Atlanta Airport Procedure #2	NE-3000' (Spartanburg Range) NE-2200' (Stone Mountain FM) SE-2500' (Macon Range) SW-2500' (Maxwell Range) SW-2200' (Madras FM)				1800' over East Point LFM	151° from East Point LFM	3.5				
BANGOR,ME., Dow Fld.					1000'						
BIRMINGHAM, ALA.	N-1800' (Bradford FM)[Delete Bedford FM]										
BOSTON, MASS. **Logan Airport El. 12' Procedure #2**	N-1500' (SE leg Concord) E-Min. enroute alt. SW-1700' (N leg Providence) SW-1200' (Franklin FM, final) W-1500' (N leg Providence)	None	SW	10 mi.-1600' S side SW leg 15 mi.-1600' " 20 mi.-1600' " 25 mi.-1600' "	1200' over South Boston LFM	58° from South Boston LFM	1.9	512'-D 612'-N	1	2	Climb to 1500' on N leg.
CASPER, WYO. Wardwell Field	E-6000' (Parkerton FM, final) S-10,000' (E leg Sinclair)				6000'	256°	2.0				8000' terrain both sides of S leg within 8 miles.
COLORADOSPGS,COLO.											Climb to 10,000' on S leg
ELKINS, W. VA.	N-5000' (Morgantown Range)[Delete E approach]										
JACKSONVILLE, FLA.	N-1200' (Brunswick H fac.)										
JOPLIN, MO.	E-2500' (SW leg Springfield)					172°	6.2				
KEY WEST, FLA.,NAS											Climb to 1500' on E leg within 25 mi.
" Meacham Fld	E-1300' (Stock Island LFM)		W								
LYNCHBURG, VA.	NE-4000' (NW leg Richmond)[Delete 4400' minimum]										
MELBOURNE,FLA.	S-1200' (N leg West Palm Beach)										
MITCHEL(Hempstead)	W-1500' (NE leg New York)										
MUSCLE SHOALS,ALA.											Climb to 2000' on W leg within 25 mi.
NEW CASTLE,DELA.				25 mi.-2000' E side S leg							
NEW YORK, N. Y. **La Guardia Field El. 19' Procedure #1**	NE-2000' (Hartford Range) NE-1000' (Port Chester FM,final) NE-*800' New Rochelle FMK,final) E-1500' (NE leg Mitchel) SW-2300' (SE leg Newark) NW-2500' (NE leg Allenton)	None	NE	10 mi.-1500' N side NE leg 15 mi.-1500' " 20 mi.-2000' " 25 mi.-2000' "	*1000'	222°	3.2	519'	1	1	Climb to 2300' on SW leg *Descent to cross range stn at 800' may be started only if New Rochelle FMK is rec'd.
Procedure #2	NE-2000' (Hartford Range) E-1500' (NE leg Mitchel) SW-2300' (SE leg Newark) SW-1500' (SE leg Newark,final) NW-2500' (NE leg Allentown) NW-1200' (Flatbush FM, final)	None	SW	10 mi.-1500' S side SW leg 15 mi.-1500' " 20 mi.-1500' " 25 mi.-1500' "	1200' over Maspeth ILS outer marker	42° from Maspeth ILS outer marker	4.5	519'	1	1	*Procedure turn distances are from Maspeth ILS outer marker. CTN: Empire State Bldg 1300'-4 mi NW of Maspeth outer marker. Climb to 2000' on NE leg.
ORLANDO,FLA.,AAB	Correct elev. 115'										
PHILADELPHIA, PA. (PG Range)SW Arpt.	W-800' (Boothwyn FM, final)										
PRESQUE ISLE, ME. (ZQ Range) AAF	NE-1500' (Limestone FM,final)										
TALLAHASSEE,FLA.	E-1500' (NW leg Cross City)[Delete 1400' minimum]										
TRI-CITY, TENN. **Tri-City Arpt.**				15 mi.-7000' N side NE leg 20 mi.-7000' " 25 mi.-7000' "							
TAMPA, FLA. Peter O.Knight Arpt.											Climb to 1500' on NE leg. [Delete remainder of remarks]
WASHINGTON,D.C. Anacostia NAS	NW-1800' (E leg Front Royal)[Delete 1500' minimum]										
Bolling Field	NW-1800' (E leg Front Royal) "										
Wash.Nat'l. Arpt.	NW-1800' (E leg Front Royal) "										

LA GUARDIA FLD. ADF HOLDING & INSTRUMENT APPROACH PROCEDURES



EFFECTIVE DATE
FEB. 18, 1947

NOTE: THIS CHART IS PRESENTED FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE USED FOR NAVIGATION.

ADF HOLDING AND INSTRUMENT APPROACH PROCEDURES FOR LA GUARDIA FIELD, N. Y.

The complete patterns outlined in Holding Pattern #1 will be used for North landings and the #2 Pattern will be used for South landings.

ADF approaches and holding will be in accordance with those procedures shown, normally when the La Guardia ceiling is reported less than 1000'. La Guardia Approach Control, however, will advise in all cases of the type of holding and approaches to be made.

Holding in Patterns 1A and 2A will generally be at the 5500,6500, 7500,8500, and 9500 foot levels. Holding in Patterns 1B and 2B will be at 4500,3500, and 2500 foot levels.

Pilots will be advised when to report over Maspeth or New Rochelle while in Patterns 1B and 2B and will be given a course to steer and advised when right turns to be made for return to the La Guardia radio range courses for final approach to the airport.

Appropriate detailed information concerning these procedures and for the entire New York Metropolitan Area are contained in the New York Airway Traffic Control Center Operations Letter #14, copies may be obtained from:

Chief Controller,
New York Airway Traffic
Control Center
La Guardia Field, N.Y.

Important Note: The Rye, N.Y. locator marker was not commissioned at the time this drawing was prepared. Consult the Airman's Guide for commissioning date, frequency, and identification.

AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey · Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	Jan. 7, 1947	
Albuquerque	Sept. 9, 1946	
Aroostook	Dec. 31, 1946	
Austin	Jan. 28, 1947	
Beaumont	Jan. 28, 1947	
Bellingham	Oct. 22, 1946	
Birmingham	Oct. 2, 1946	
Boise	Apr. 30, 1946	Oct. 25, 1946
Boston	Jan. 14, 1947	
Burlington	Dec. 31, 1946	
Butte	May 15, 1946	Nov. 6, 1946
Casper	Nov. 7, 1946	
Charlotte	Oct. 25, 1946	
Chattanooga	Oct. 25, 1946	
Cheyenne	Nov. 21, 1946	
Chicago	Dec. 24, 1946	
Cincinnati	Oct. 25, 1946	
Cleveland	Jan. 7, 1947	
Corpus Christi	Feb. 4, 1947	
Dallas	Sept. 23, 1946	
Del Rio	Jan. 22, 1946	Jan. 28, 1947
Denver	Sept. 17, 1946	
Des Moines	Dec. 13, 1946	
Detroit	Dec. 31, 1946	
Douglas	Jan. 14, 1947	
Dubuque	Oct. 2, 1945	Dec. 12, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	Nov. 1, 1946	
El Paso	July 25, 1946	Jan. 17, 1947
Fargo	May 29, 1946	Nov. 21, 1946
Glacier Park	Oct. 30, 1946	
Grand Canyon	Feb. 19, 1946	Sept. 16, 1946
Grand Junction	Feb. 19, 1946	Sept. 13, 1946
Green Bay	June 12, 1946	Dec. 9, 1946
Huntington	Oct. 9, 1946	
Jacksonville	Feb. 7, 1947	
Kansas City	Sept. 27, 1946	
Klamath Falls	Nov. 7, 1946	
Kootenai	Oct. 28, 1946	
La Grande	Oct. 25, 1946	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 13, 1946	Dec. 9, 1946
Lake of Woods	May 24, 1946	Nov. 19, 1946
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Lincoln	Dec. 3, 1946	
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Miami	Aug. 8, 1946	
Miles City	May 13, 1946	Nov. 12, 1946
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Minot	June 6, 1946	Nov. 19, 1946
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Mt. Shasta	Oct. 25, 1946	
Mt. Whitney	Aug. 27, 1946	
Nashville	Oct. 13, 1946	
New Orleans	Jan. 29, 1947	
New York	Jan. 9, 1947	
Norfolk	Oct. 23, 1946	
Oklahoma City	Sept. 23, 1946	
Orlando	Aug. 6, 1946	
Phoenix	Aug. 21, 1946	
Pocatello	Nov. 3, 1946	
Portland	Oct. 25, 1946	
Prescott	Mar. 5, 1946	Sept. 9, 1946
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Reno	May 17, 1945	Aug. 26, 1946
Roswell	Sept. 16, 1946	
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Salina	Sept. 26, 1946	
Salt Lake City	Nov. 7, 1946	
San Antonio	Jan. 28, 1947	
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Seattle	Oct. 23, 1946	
Shreveport	Sept. 16, 1946	
Sioux City	May 31, 1946	Nov. 22, 1946
Spokane	Oct. 23, 1946	
Trinidad	Sept. 16, 1946	
Tulsa	Sept. 27, 1946	
Twin Cities	May 31, 1946	Dec. 6, 1946
Washington, D.C.	Oct. 22, 1946	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	Nov. 1, 1946	
Winston-Salem	Oct. 2, 1946	
Yellowstone Park	Nov. 1, 1946	

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WAC 215	Oct. 19, 1946	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Aug. 11, 1946	WAC 467	Aug. 6, 1946
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WAC 217	Nov. 1, 1946	WAC 268	Nov. 1, 1946	WAC 357	Oct. 13, 1946	WAC 405	Aug. 28, 1946	WAC 469	Jan. 22, 1947
WAC 218	Nov. 12, 1946	WAC 269	Oct. 28, 1946	WAC 358	Oct. 2, 1946	WAC 406	Sept. 13, 1946	WAC 470	Jan. 20, 1947
WAC 219	Nov. 12, 1946	WAC 304	Oct. 29, 1946	WAC 359	Oct. 2, 1946	WAC 407	Sept. 23, 1946	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	Nov. 12, 1946	WAC 360	Sept. 23, 1946	WAC 408	Oct. 3, 1946	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Sept. 11, 1946	WAC 409	Oct. 8, 1946	WAC 525	Aug. 8, 1946
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Aug. 29, 1946	WAC 410	Oct. 13, 1946		
WAC 265	Dec. 5, 1946	WAC 308	Dec. 12, 1946	WAC 363	Aug. 11, 1946	WAC 466	Aug. 10, 1946		

RADIO DIRECTION FINDING

21-DF	Jan. 3, 1947	23-DF	Sept. 6, 1946	25-DF	Oct. 6, 1946
22-DF	Jan. 15, 1947	24-DF	Nov. 21, 1946	26-DF	Oct. 30, 1946

LOCAL

Brownsville	July 8, 1946	New York & Vicinity	Aug. 6, 1946
Los Angeles	Sept. 13, 1946	San Diego	Aug. 20, 1946
Miami	July 3, 1946	Seattle	Nov. 28, 1946
		Washington	Nov. 7, 1946

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WAC 62	Feb. 1946	Nov. 1946	WAC 78	Mar. 1946	WAC 136	Jan. 1947	WAC 190	Apr. 1946
WAC 63	May 1946		WAC 117	Aug. 1946	WAC 137	Mar. 1946	WAC 191	Apr. 1946
WAC 64	Mar. 1946	Dec. 1946	WAC 118	July 1946	WAC 138	May 1946	WAC 192	Mar. 1946
WAC 76	May 1946		WAC 119	Jan. 1946	WAC 139	Mar. 1946 Dec. 1946	WAC 193	Mar. 1946
WAC 77	Mar. 1946		WAC 135	Nov. 1946	WAC 186	Mar. 1946 Dec. 1946		

FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb., 1945	FC 178	Nov. 13, 1946	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	July 23, 1946	FC 15	Oct. 1, 1946	FC 181	July 11, 1946	FC 216	Oct. 26, 1946	FC 226	Dec. 12, 1946
FC 6	Oct., 1946	FC 16	Dec. 24, 1946	FC 182	Aug. 6, 1946	FC 217	Sept. 13, 1946	FC 227	Dec. 30, 1946
FC 7	Aug. 6, 1946	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Oct. 14, 1946	FC 228	Aug. 1, 1946
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FC 11	July 9, 1946	FC 175	Jan. 8, 1947	FC 187	May 31, 1946	FC 222	Dec. 2, 1946	FC 232	Sept. 10, 1946
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FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Aug. 19, 1946	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

AUXILIARY

3060b	Nov. 1, 1945	3069a	July 9, 1946

INDEX TO FLIGHT PLANNING CHARTS

SPECIAL NOTICE

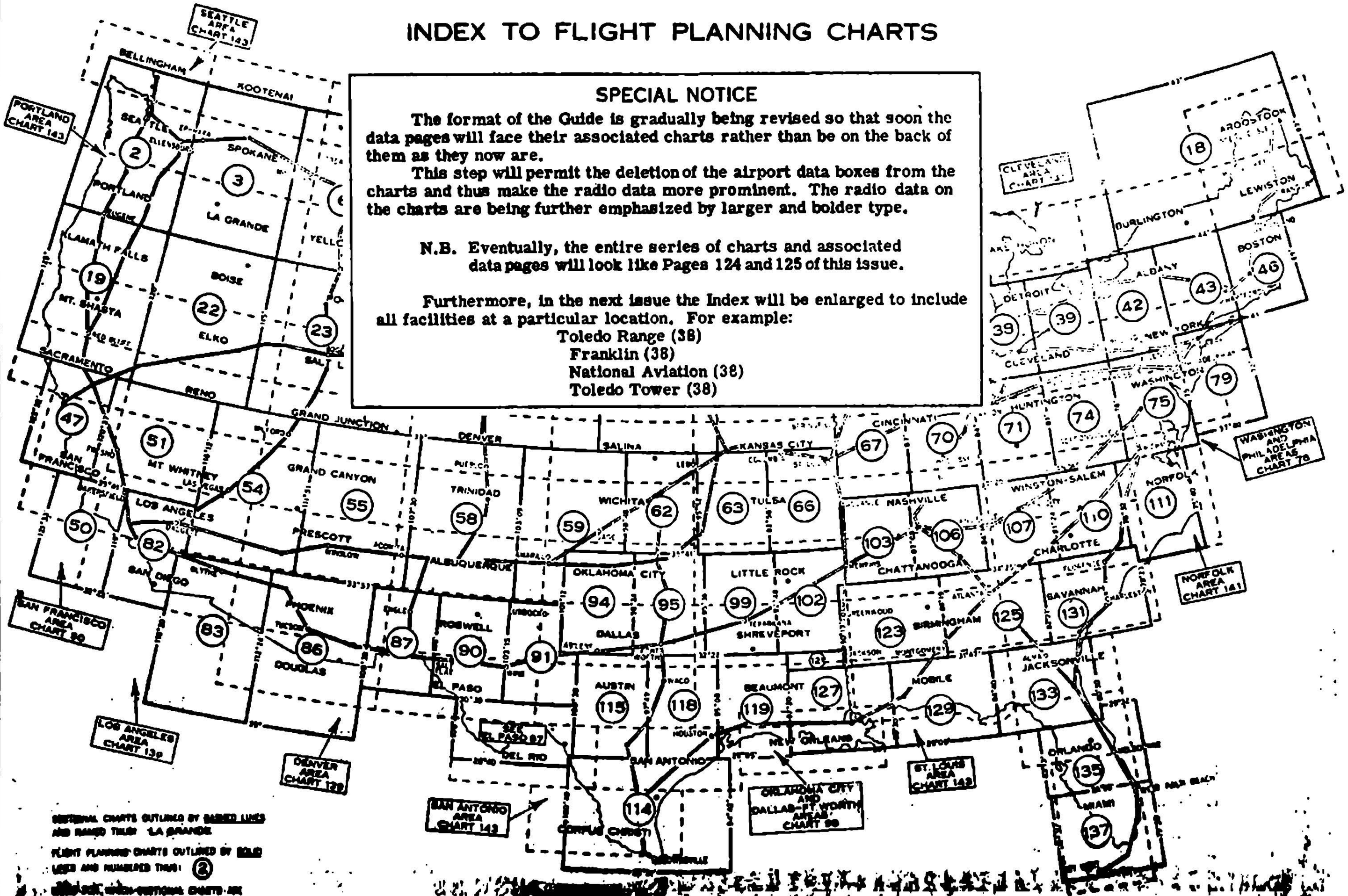
The format of the Guide is gradually being revised so that soon the data pages will face their associated charts rather than be on the back of them as they now are.

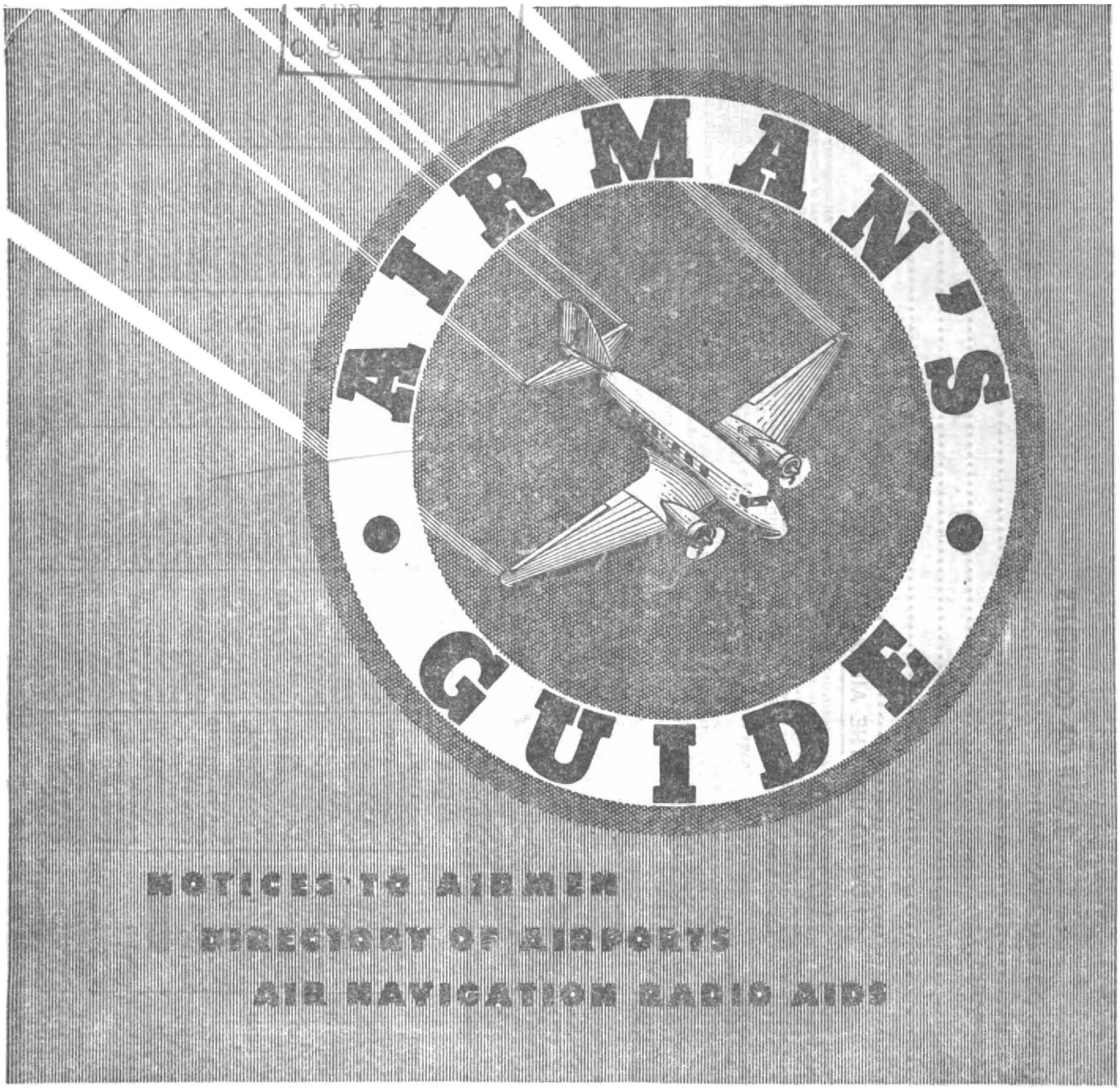
This step will permit the deletion of the airport data boxes from the charts and thus make the radio data more prominent. The radio data on the charts are being further emphasized by larger and bolder type.

N.B. Eventually, the entire series of charts and associated data pages will look like Pages 124 and 125 of this issue.

Furthermore, in the next issue the Index will be enlarged to include all facilities at a particular location. For example:

Toledo Range (38)
Franklin (38)
National Aviation (38)
Toledo Tower (38)





VOL. 1, NO. 26 .... MARCH 18, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

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Washington 25, D. C. – Price 30 cents per copy, $7.50 per year

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HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS: The Airman's Guide is a composite Directory of Airports, Air Navigation Radio Aids, and Notices to Airmen. On the data pages are tabulated all the data covering the facilities charted on the facing pages. This presentation is gradually being revised, however, so that eventually the data pages will face the charts.

INDEX OF FACILITIES: To find the number of the page on which a facility is charted, refer to the Index of Facilities below. As outlined above, the detailed data for that facility will be found on the data page backing, or facing the chart.

NEW DATA PRESENTATION: (a) On the data pages backing or facing the charts, new data or revisions are indicated by arrows; (b) in the Notices to Airmen section, citations covering new or revised radio data are prefixed by one large star " ★ ". Citations covering new or revised airport, or miscellaneous data, are prefixed by two asterisks "**"

DATA PAGE NOTAMS: Because of the serious paper shortage, the data pages, where possible, have to serve as notam (Notices to Airmen) pages. Resultantly, most of the new data formerly notamized in the Notices to Airmen section with prefixed large stars or double asterisks are no longer carried in that section. Only commissionings, abandonments, or changes so potentially hazardous that they are indicated with Ⓡ (for red flag) symbols on the charts, are now cited in the Notices to Airmen section. Notamizing on the data pages is effected by the use of prefixed arrows as in the former Air Navigation Radio Aids publication. All changes from the previous issue, whether cited in the Notices to Airmen section, or not, are indicated by the prefixed arrows. Following are examples of changes notamized only on the data pages: field obstruction, servicing, elevation, location, and runway length changes. Because of the use of the prefixed arrows as new data indicators, a further innovation had to be adopted. This is a tinted horizontal line following the last tabulated facility and titled either New Radio Facilities or New Airports.

NEW FACILITIES ON DATA PAGES: Space below the tinted horizontal lines on the data pages has been reserved as a supplement for new radio aids and airports whose data were received after the data pages were originally typed. Revisions to existing airports and radio aids are super-imposed on the old data. New airports and radio aids, however, are listed, necessarily out of alphabetical alignment, below the tinted horizontal lines until the page is re-typed.

CHART NOTAMS: Notamizing on the charts is effected by use of the super-imposed Ⓡ and Ⓞ symbols. The Ⓡ (for red flag) indicates a very hazardous condition or a major change. The Ⓞ symbol (for orange flag) indicates a minor change or hazardous condition with the facility still usable with caution. The pertinent details to which these symbols refer will be found listed in the Notices to Airmen section under the facility name (and state) by which they are charted.

Ⓡ and Ⓞ SYMBOLS: These symbols were adopted for super-imposition over charted facilities to indicate hazardous conditions and covering Notices to Airmen. Thus, if a chart user notes no symbol on the facilities he is planning on using there is no necessity for him to wade through the 30-odd page Notices to Airmen section.

NOTICES TO AIRMEN SECTION: All temporary conditions (field soft, runway under construction, range course out of alignment, etc.) are cited in full in the Notices to Airmen section until they are no longer in effect. When a citation carries a permanent item and a temporary item, the permanent item is underlined. Parenthetical date at end of item indicates time item was reported. To conform to chart practice, all facility data are listed in the Notices to Airmen section and on data pages alphabetically by states and by facility name. Thus, an airport will be found listed alphabetically under its own name rather than under its locale's name. If the airport or radio facility name is other than that of the city in which it is located, the location is shown in parenthesis after the facility name.

SPECIAL NOTICES: Notices of national interest, of great importance, or of non-localized nature, will be found at the beginning of the Notices to Airmen section.

WHO SHOULD BE ADVISED ABOUT CIVIL FACILITY CHANGES: Please advise the Office of Aviation Information, Attention A-260, C.A.A., Department of Commerce, Washington 25, D. C., as soon as temporary conditions covering civil airports or navigational aids begin or terminate, data revisions are effected, or flight hazards are erected or removed.

NOTICE TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA: An under-manned staff prevents an individual acknowledgment of data submitted for the Airman's Guide by telegram, teletype dispatch, or letter. Your cooperation in permitting a Guide citation to suffice as an acknowledgment will be appreciated.

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LEGEND INDEX: A - Airport with an associated radio facility identically named. FM - Fan marker. M - Non-directional radio beacon. K - Independent compass locator station. R - Radio range. T - Airport with control tower.

*--Facility listed on data pages but not charted.:
N.B. All facilities without a letter suffix are airports. Names not followed by a number suffix are not airports but merely geographical locations.

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(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

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" Dixie Holland (111)
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" Midway (75)
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Farmville (111)
Fentress (141)
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" Shannon (75)
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" Stokes (74)
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" Vista (3)
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(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

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[redacted]

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(85)-Page number of chart on which these facilities are inscribed. *-Facility listed on data pages but not charted. Seaplane bases are not charted or indexed. N.B. New facility locations listed below black line.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City, County, Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMK.....Compass locator station when combined with fan marker
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System
IM.....VHF boundary marker
K.....Independent compass locator station
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TK.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range
W.....Without voice facilities
(W) .....ILS without voice feature
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •————	3 •••––	5 •••••	7 ––•••	9 ————•
2 ••–––	4 ••••–	6 –••••	8 –––••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts airway and meteorological information on a scheduled basis at 15 and 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, *see FLIGHT INFORMATION MANUAL*

AIRPORT DATA

LEGEND

NAME

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A) Airport owned or leased in whole or in part by Army
(CG) Airport owned or leased in whole or in part by Coast Guard
(N) Airport owned or leased in whole or in pary by Navy
(C) CAA Intermediate Field
(P) Non-military airport available for use by military aircraft (See Note 3)

N.B. If the airport name is followed by (A) for Army, (N) for Navy, or (CG) for Coast Guard, the field is exclusively an Army, Navy, or Coast Guard field. If the field is not exclusively Army, Navy, or Coast Guard and may be used by civilians, no (A), (N) or (CG) follows the airport name.

CLASS

SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

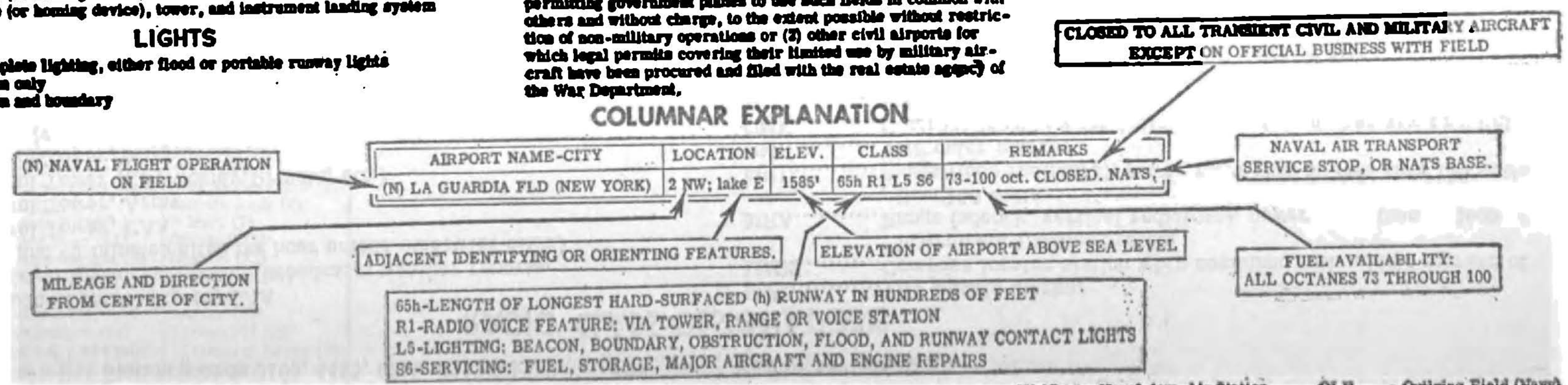
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an ag agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-D" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines are cited.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly, the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A) - Army Field
AAB - Army Air Base
AAF - Army Air Field
COAS - Coast Guard Air Station
LTA - Lighter than Air
MCAS - Marine Corps Air Station
MCAAF - Marine Corps Aux. Air Facility
(N) - Navy Field
NAAS - Naval Aux. Air Station
NAF - Naval Air Facility
NAS - Naval Air Station
NPG - Naval Proving Grounds
OLF - Outlying Field (Navy)

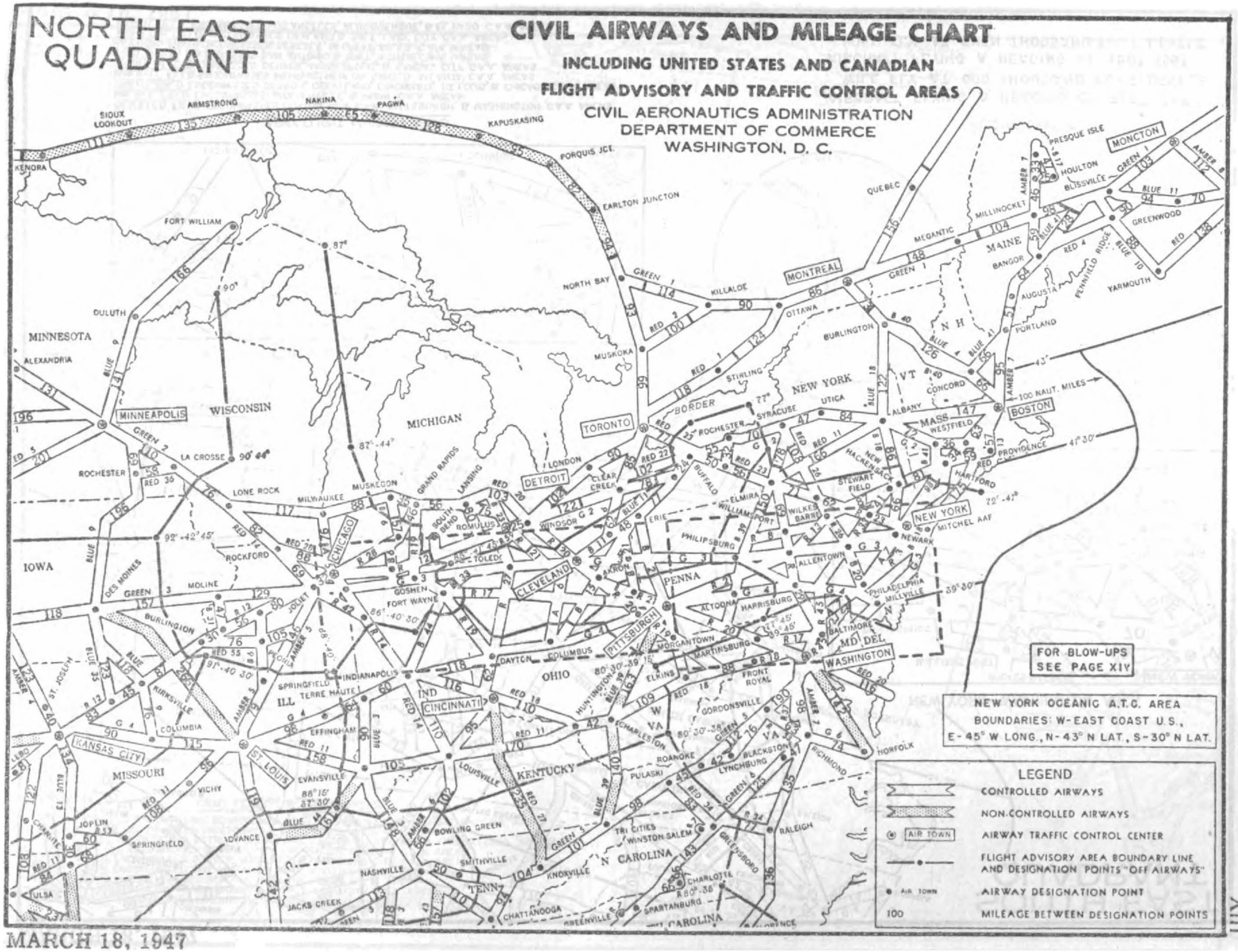
* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

NORTH EAST QUADRANT

CIVIL AIRWAYS AND MILEAGE CHART

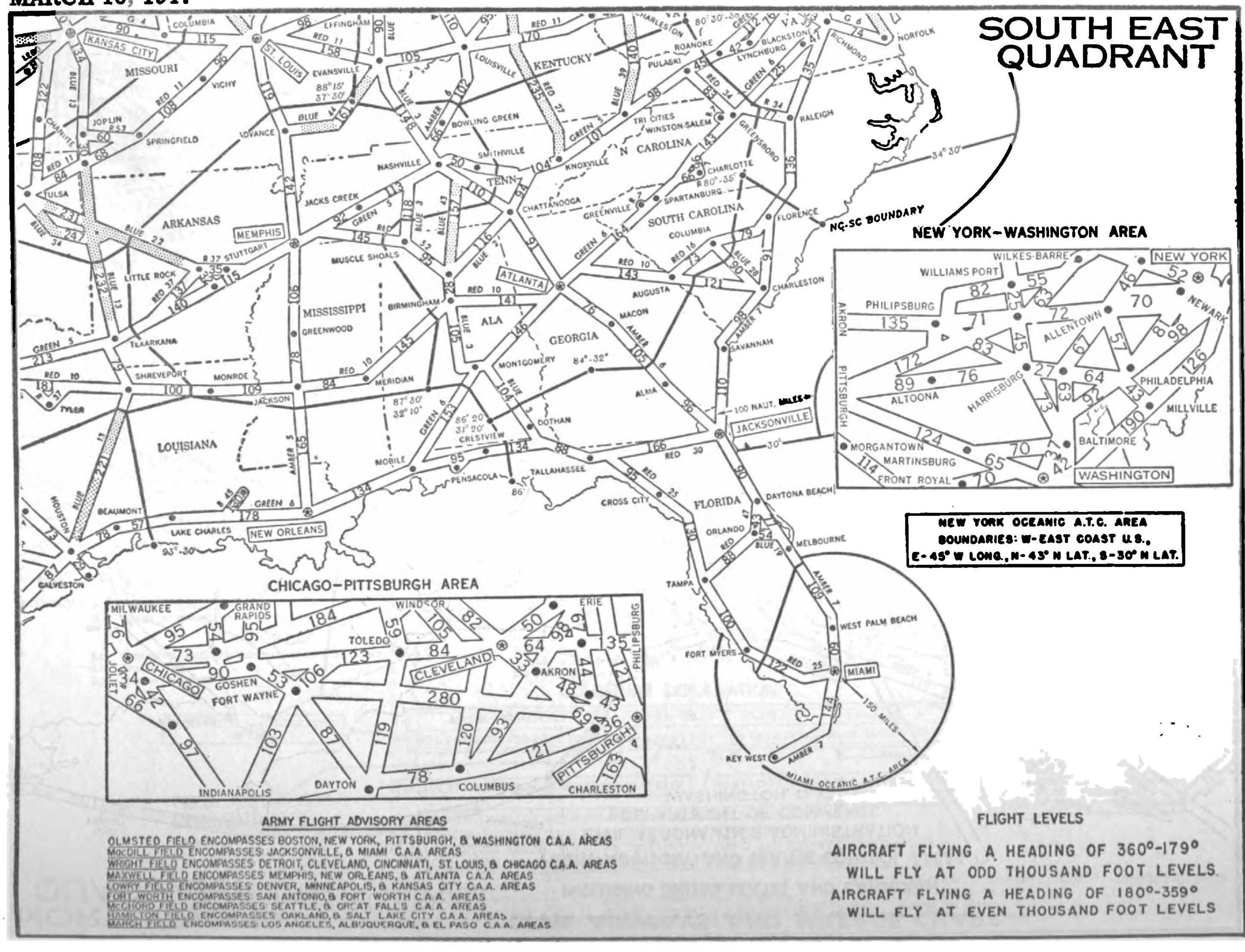
INCLUDING UNITED STATES AND CANADIAN FLIGHT ADVISORY AND TRAFFIC CONTROL AREAS

CIVIL AERONAUTICS ADMINISTRATION
DEPARTMENT OF COMMERCE
WASHINGTON, D. C.



MARCH 18, 1947

SOUTH EAST QUADRANT

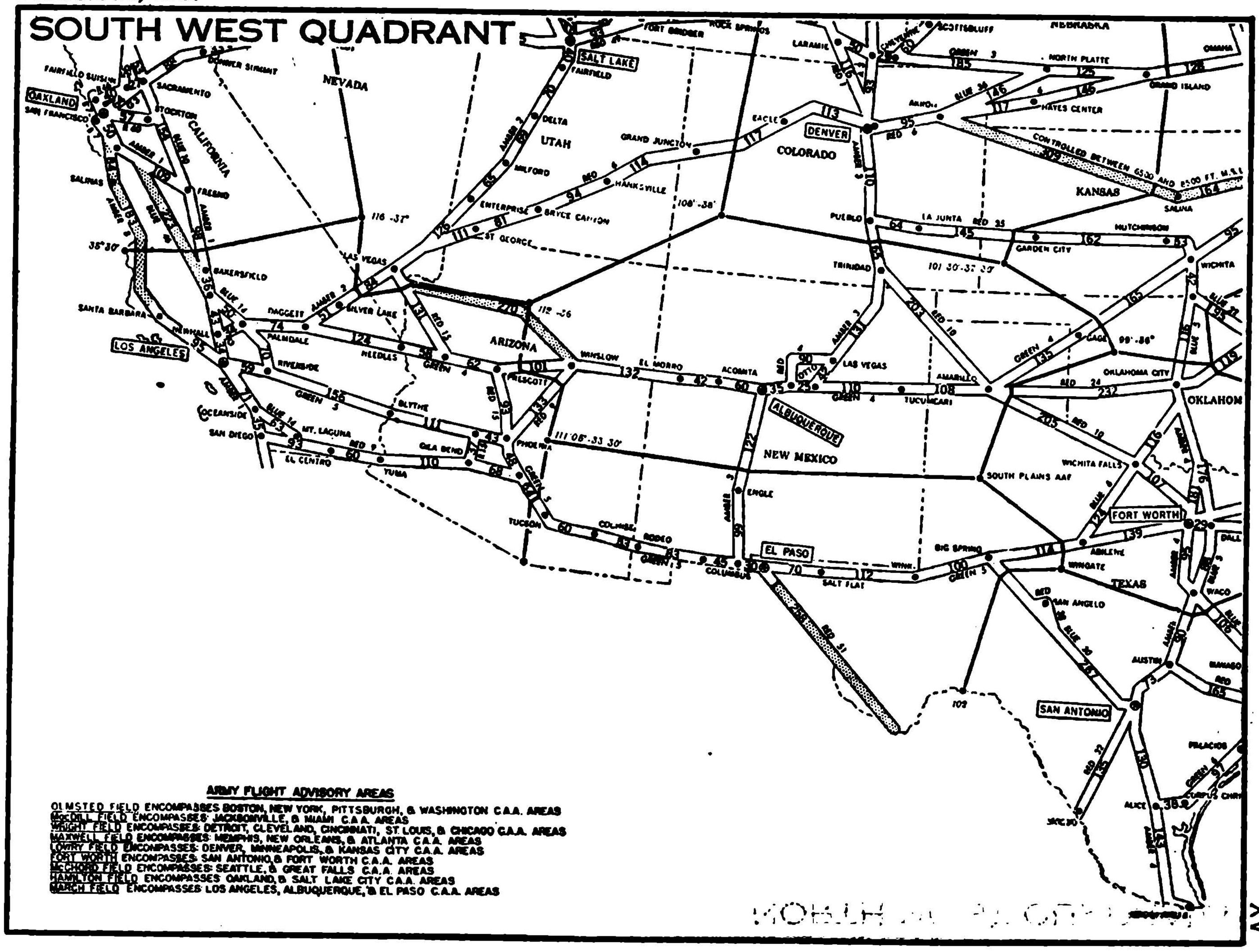


ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
MacDILL FIELD ENCOMPASSES: JACKSONVILLE, & MIAMI C.A.A. AREAS
WRIGHT FIELD ENCOMPASSES: DETROIT, CLEVELAND, CINCINNATI, ST LOUIS, & CHICAGO C.A.A. AREAS
MAXWELL FIELD ENCOMPASSES MEMPHIS, NEW ORLEANS, & ATLANTA C.A.A. AREAS
LOWRY FIELD ENCOMPASSES: DENVER, MINNEAPOLIS, & KANSAS CITY C.A.A. AREAS
FORT WORTH ENCOMPASSES: SAN ANTONIO, & FORT WORTH C.A.A. AREAS
McCHORD FIELD ENCOMPASSES: SEATTLE, & GREAT FALLS C.A.A. AREAS
HAMILTON FIELD ENCOMPASSES OAKLAND, & SALT LAKE CITY C.A.A. AREAS
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

FLIGHT LEVELS

AIRCRAFT FLYING A HEADING OF 360°-179°
WILL FLY AT ODD THOUSAND FOOT LEVELS.
AIRCRAFT FLYING A HEADING OF 180°-359°
WILL FLY AT EVEN THOUSAND FOOT LEVELS



ARMY FLIGHT ADVISORY AREAS

OLMSTED FIELD ENCOMPASSES BOSTON, NEW YORK, PITTSBURGH, & WASHINGTON C.A.A. AREAS
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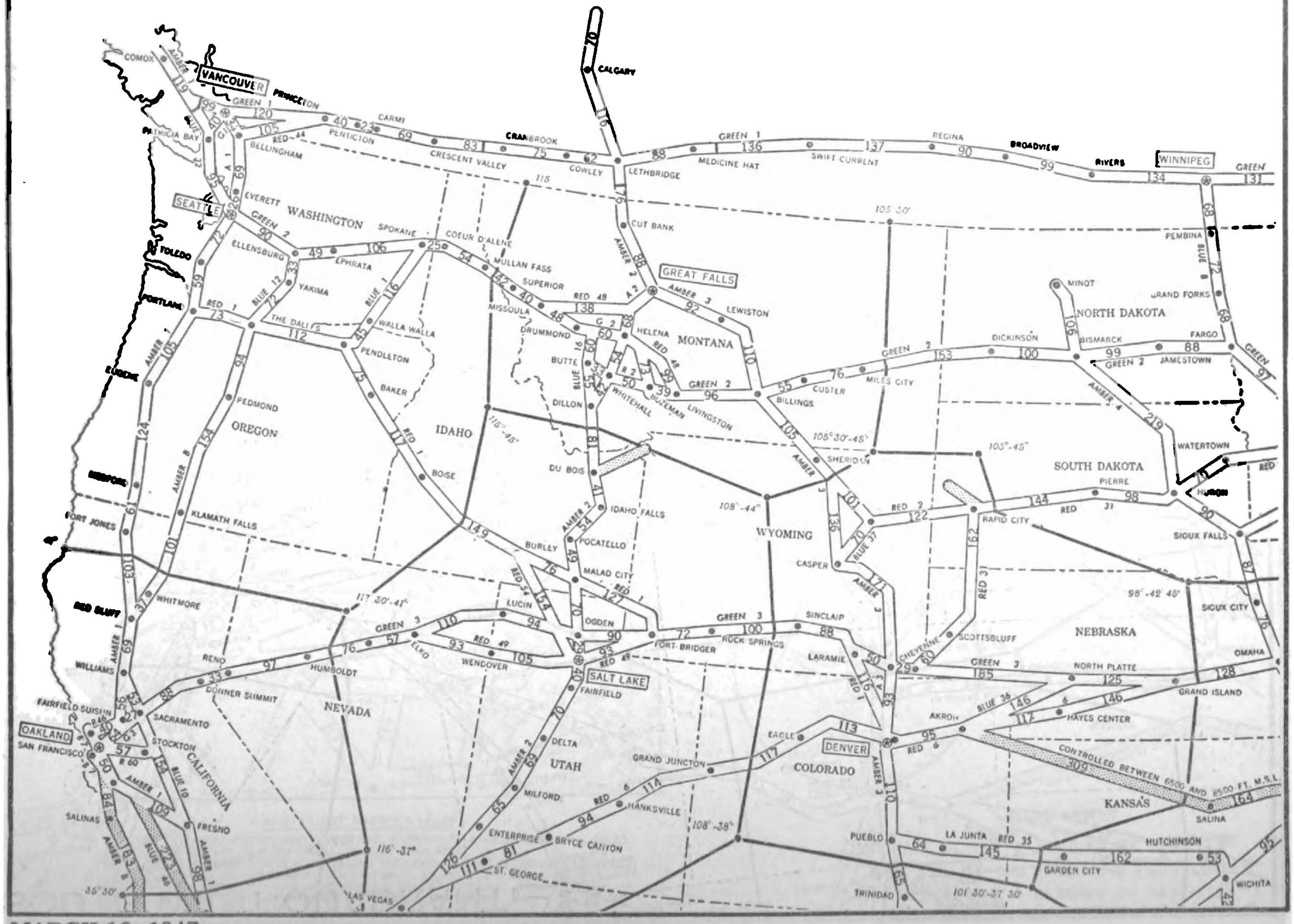
MARCH FIELD ENCOMPASSES: LOS ANGELES, ALBUQUERQUE, & EL PASO C.A.A. AREAS

NORTH WEST QUADRANT

XVI



MARCH 18, 1947

RADIO

OREGON

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS)
PORTLAND (AAB)	332 PD(116.1,111.1)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
→ Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 (8-sunset)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

WASHINGTON

BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
→ ELLENSBURG (Bowers)	385 (EB)(116.1)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
→ EVERETT (Paine)	224(MI)(116.1,111.1)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL) (116.1)	BMRLZ-DTV,236°, 2.8	(4); 116.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA)(116.1)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	C; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MAHLON SWEET (L6)	109.9 (W)	333.8	159°Mag.	IM-	MM- ·-·- (0.63)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	210	33	Brush N.
Albany	2.5 NE;RR NW	235	26 S6	73,80 oct. Poles W, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h	
Coastway School of Aeronautics (Tillamook)	1.4 E;hwy W	55	29 S2	80 oct.
(P)Corvallis	4.9 SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80,91 oct. No sto.
Dallas	1.2 N;RR S	400	23 S1	80 oct. Poles WSW.
Eugene Airpark	1.6 SW;rd W	420	28 S6	73,80 oct.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	Ltd fuel lgt acft only.
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
↘ Lebanon	1.3 SW; RR E	340	21 S4	80 oct.
(A)Madras (A)	2 NNW;RR SE	2420	74h	CLOSED.
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy W	156	50h S4	80,91 oct.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S4	80 oct.;91 oct.emerg.No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h R1 L5 S6	80,91 oct. Port rnwy lgts on req.No bcn.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E
Sky Haven (Brooks)	1.6 NE;RR W	180	17 S1	Ltd 80 oct.
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willametto Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.

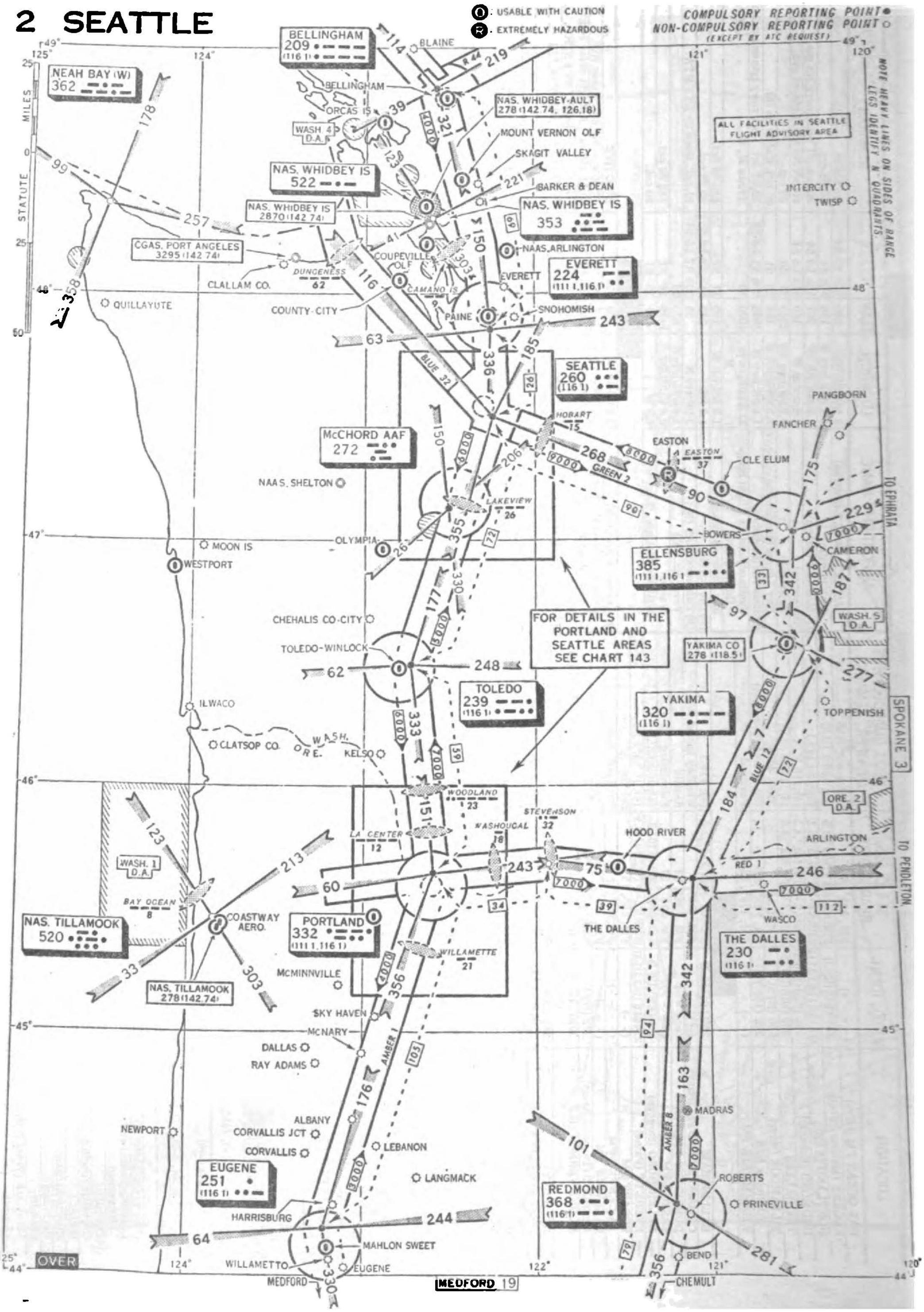
WASHINGTON

(N)Arlington NAAS (N)	3 SW;hwy W	129	50h	INACTIVE.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. No sto. Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	18 S1	80 oct. ARPT OF ENTRY.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
→ Bowers Aux. (Ellensburg)	8.6 NNW			ABANDONED
Cameron (Kittitas)	0.5 N;RR S	1650	26 S2	80 oct.
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	2.9 WNW;RR NW	290	52h S2	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW	110	33 S2	80 oct.Pole lines ESE,WNW.ARPT OF ENTRY
(N)Coupeville OLF (N)	2 SE	193	54h	
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	2.7 NNE;riv N	15	21 S4	80 oct. 30' hangar W
(P)Fancher (Wenatchee)	2.5 NE;riv W	1440	33h L3 S6	80 oct. Fld lgts prior req.
Forks (NC)	1 SW;rd S	286	23	75' trees E. HAZARDOUS.
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZARDOUS.
Ilwaco	1.5 ENE;riv S	8	20 S2	80 oct.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	73,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	12 S1	73, 91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	2.5 NW;hwy ENE	278	52h	Tower NW. INACTIVE
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Stack N.
Snohomish	0.9 SW;RR N	16	33 S6	80 oct. Poles,trees ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;riv S	371	50h R1 L3 S1	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S5	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Trees,hills WNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	73,80,100 oct. Pole line S.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA

2 SEATTLE


U: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
MORE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS 522
NAS. WHIDBEY IS 2870 (142.74)
NAS. WHIDBEY IS 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385 (111.1, 116.1)
TOLEDO 239 (116.1)
YAKIMA 320 (116.1)
PORTLAND 332 (111.1, 116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
THE DALLES 230 (116.1)
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
NAAS, ARLINGTON
COUPEVILLE OLF
EVERETT
CAMANO IS
PAINE
SNOHOMISH
DUNGENESS
62
CLALLAM CO.
QUILLAYUTE
COUNTY-CITY
BLUE 32
HOBART
15
PANGBORN
FANCHER
EASTON
EASTON
37
CLE ELUM
GREEN 2
LAKEVIEW
26
NAAS, SHELTON
BOWERS
CAMERON
WASH. 5 D.A.
YAKIMA CO 278 (118.5)
TOPPENISH
TO EPHRATA
SPOKANE 3
CHEHALIS CO-CITY
TOLEDO-WINLOCK
FOR DETAILS IN THE PORTLAND AND SEATTLE AREAS SEE CHART 143
ILWACO
CLATSOP CO.
WASH.
ORE.
KELSO
WOODLAND
23
STEVENSON
32
WASHOUGAL
18
LA CENTER
12
HOOD RIVER
ARLINGTON
ORE. 2 D.A.
WASH. 1 D.A.
BAY OCEAN
8
COASTWAY AERO.
WILLAMETTE
21
MCMINNVILLE
THE DALLES
WASCO
RED 1
SKY HAVEN
MCNARY
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
WILLAMETTO
EUGENE
MEDFORD
MADRAS
ROBERTS
PRINEVILLE
BEND
CHEMULT
OLYMPIA
MOON IS
WESTPORT
OVER
MEDFORD 19
MILES
STATUTE
125°
124°
122°
121°
120°
49°
48°
47°
46°
45°
44°
25
0
25
50
178
99
257
358
114
219
R 44
39
4000
321
123
221
41
150
3034
116
63
336
185
26
BLUE 32
150
6000
206
9000
268
8000
90
175
229
7000
355
72
26
177
330
5000
248
62
333
7000
59
151
123
213
60
243
75
7000
34
39
112
187
342
97
277
184
BLUE 12
72
33
303
356
4000
176
105
AMBER 1
94
163
AMBER 8
101
79
244
64
281
356

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY # QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN NO 1
OKANOGAN-LEGION
COLVILLE
NEWPORT
SANDPOINT
LIBBY
EUREKA
ANDERSON
CHELAN
EPHRATA 269
SPOKANE 365
HAFER'S
DEER PARK
CALKINS AIR TERMINAL
COEUR D'ALENE 347
COEUR D ALENE AIR TERMINAL
FELTS 278 118 9
SPOKANE AAF 245 126 18
DAVENPORT
WILBUR
COULEE CITY
THOMPSON FALLS
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE
WEEKS
LEMEN
KELLOGG
ROSALIA
ST MARIES
HARRINGTON
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206
LIND
LA CROSSE
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
WASH 5 DA
CONNELL
WASH 8 DA
ASOTIN CO.
LEWISTON
OROFINO
TOUCHET VALLEY
WALLA WALLA 212
SUNNYSIDE
NAS. PASCO
RICHLAND
PROSSER
VISTA OLF
KAMIAH
MARTIN
WALLA WALLA AAF 396 126 18
TWIN CITY
SKY RANCH
WASH.
ORE.
PENDLETON 278 118 7
IDAHO CO.
HERMISTON
BOARDMAN
OREGON SKY RANCH
CABBAGE HILL
PENDLETON AWYS. SER.
ENTERPRISE
JOSEPH
LEXINGTON
On request
LA GRANDE 329
LA GRANDE
PENDLETON 341
PILOT ROCK
ORE. IDAHO
McCALL
BAKER 221
JOHN DAY
BAKER
WEISER
CASCADE
PAYETTE 49
PAYETTE
ONTARIO
BOISE 350
ELKO 22
SEATTLE
SALT LAKE CITY
GREAT FALLS
SEATTLE
TO ELLENSBURG
TO THE DALLES
STATUTE MILES

RADIO

LOCATION	FREQ.. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
IDAHO			
COEUR D'ALENE (Air Term.)	347 (KO)	BMRLZ-DT;321°,5.2	(4)
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(116.1)	SBRAZ-DTV;116°,1.8	(4); 116.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
→ LA GRANDE	329(IU)(116.1)	MHVT	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
→ PENDLETON	34(PO)(116.1)(LL)	SBRAZ-DTV	(3);116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4);122.5,118.7
WASHINGTON			
EPHRATA	269 (EP)(116.1)	BMRLZ-DTV;336°,3.9	(4):116.1
FELTS (Spokane)	278 (118.5)	C;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)(LL)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365 (SM)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4) :116.1
Walla Walla AAF	396 (126.18)	CA ;182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
IDAHO				
Cascade	1 E; rd N	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	23	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	21	Maintained May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct.20' pole line W.
Kamiah	0.6 SE;RR E	1194	28	Rough. Trees NNW.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	7.7 ESE	6680	15	Maintained June to Nov.
(P) Lewiston	2 S;riv NW	1426	50h L	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S4	80 oct. Trees W.
Orofino	1.3 W,riv NE	1000	24 S1	80 oct.1000' mtns WNW, ENE.
Payette	2 NE;RR W	2200	35	Road crosses fld SE.
Priest River (NC)	0.9 NNW,RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW,hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	27	Rnwy data unverified.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct, No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
OREGON				
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE,riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N	1780	25 S2	80 oct.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;RR N	1100	16	Mtns NW
Asotin County(Clarkston)	0.6 N	780	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv E	1250	34 S2	Fuel. Hills W,N,S.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1150	40 S1	73 oct. 2000' mtn S.
(P) Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS
Hafer's Ranch (Chewelah)	3.6 SSW;RR E	1700	18	
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	24 S1	80 oct. Posts NE.
Okanogan Flight Strip (Omak)	4 N	1298	47h	
(N) Pasco NAS (N)	2.8 NNW,RR E	402	47h	INACTIVE.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	31 S1	80 oct. Pwr line SSW.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
(N) Vista OLF (Kennewick) (N)	4.5 W;rivs NW	516	35h	
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing. (See page xii) NC-(not charted) → NEW OR REVISED DATA

GREAT FALLS

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388 (DZ)	SBRAZ-DT, 332°,1.7	(4)
ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV)	SBRAZ-DT,327°,3.1	(4)
DILLON (Int.)	379 (DE)	BMRLZ-DT,167°,2	(4)
DRUMMOND (Int.)	296(DR)(116.1)	SBMRAZ-DTV;185°,1.3	(4);116.1
GREAT FALLS	317 (GT)	SBRAZ-DT	(3)
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(116.1,111.1)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4):118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224 (LT)	SBMRAZ-DT,247°,2	(4)
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(116.1,111.1)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4):116.1
WHITEHALL (Int.)	284 (WW)	SBRAZ-DT,183°,2.3	(4)
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mc's, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1,2 NNE;hwy E	5000	34 S1	73,80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30° pole W.
Flying R (Lake)	2.8 SE;lake W	6630	34 S1	Ltd 73 oct.
Moose Creek,USFS (Red Riv.Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S2	80 oct.Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat l Forest)(NC)	26 SE Swan Lake	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25	(NC)
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80 ,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat l Forest)(NC)	19 E of Ronan	3690	25	Closed to Public
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3899	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1,5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6008	70h L2	
★ Dillon Int,32, SL-GT	4,6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

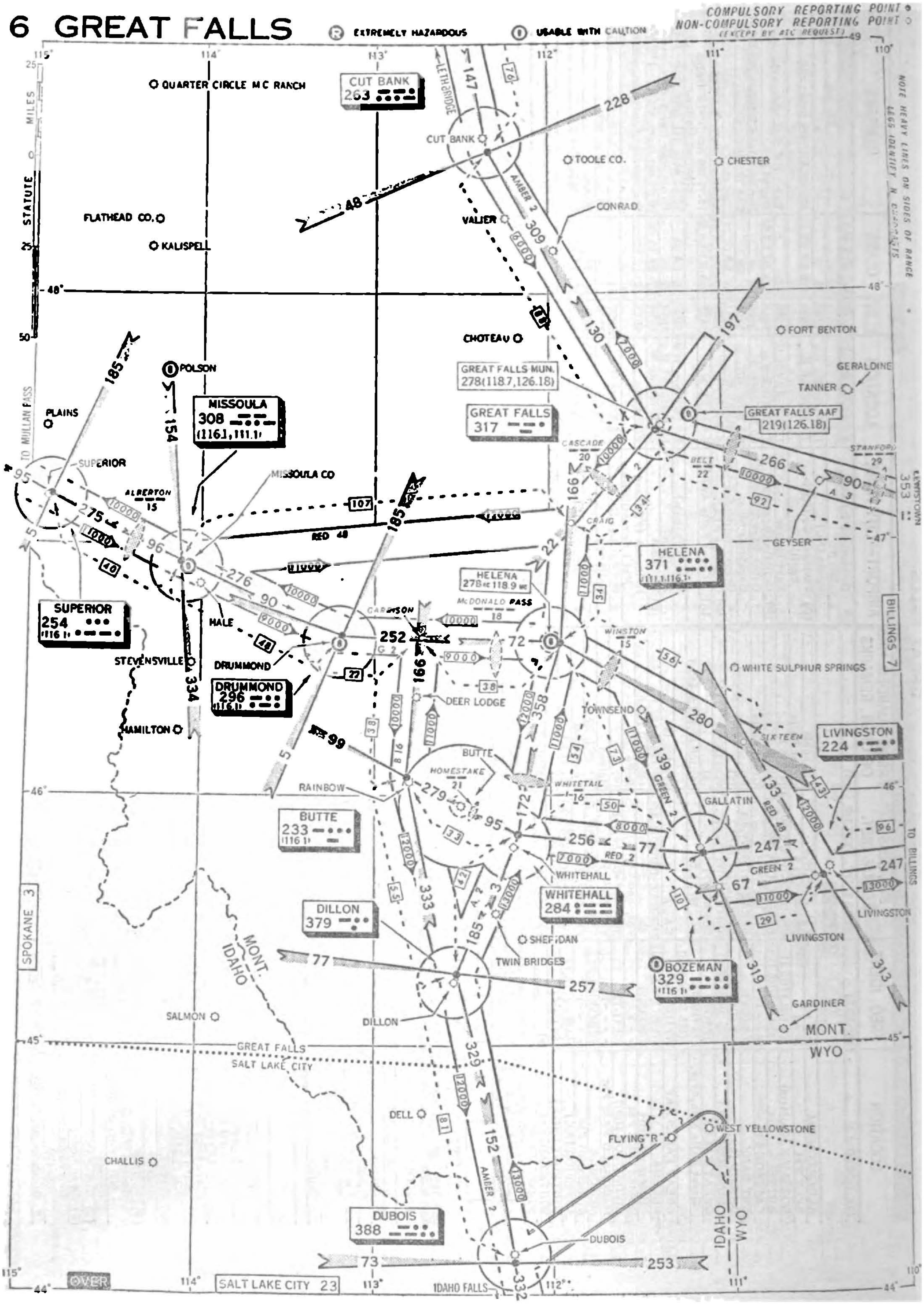
AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2690	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR K	3669	70h R2 L5 S6	80,91 oct. ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4,5 E;RR N	3459	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S. Rnwy data unver.
(P) HELENA	2,5 ENE;hwy W	3894	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.Poles NW.
→ Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ Int.10.HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat l Forest)	21 ESE Swan Lake	4000	22	(NC) Closed to Public
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.
Plains	1.3 NNW;RR E	2500	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schaeffer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.Closed to Public
Seeley Lake (NC)	1.5 WNW;lake SE	4150	20	Trees NW.
Sheridan	1.5 SE;RR W	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat l Forest)(NC)	14 ENE Swan Lake	3800	22	Closed to Public
Stevensville	2 ENE;riv 2 W	3620	30 S2	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR SW	2700	35 R1 L2	Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38	
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner (Mont)	1 NNW; RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page x11) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS



BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(R) EXTREMELY HAZARDOUS (U) USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

49° 110° 109° 108° 107° 106° 105° 30' 105°

STATUTE MILES 0 25 50

GREAT FALLS 6

BISMARCK 10

CHINOOK (U)
HAVRE CITY-CO.
HARLEM
MALTA AIRPK
ETCHART, O
VALLEY CO (U)
GUSTAFSON-ANDERSON
WOLF POINT
SCOBEY
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
MOORE
FOREST GROVE
LEWISTOWN 353 (116.1)
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
HARLOWTON
LAVINA
CUSTER
NIBBE
MILES CITY
MILES CITY 320 (116.1)
FORSYTH
RAPELJE
BILLINGS 278 (118.7)
BIG TIMBER
LIVINGSTON 224
COLUMBUS (U)
PARK CITY
BILLINGS
ZELKA
BIG HORN CO
ST. XAVIER
BONES BROS. RANCH
MILDRED
RED LODGE
MONT. WYO.
POWELL
COWLEY-LOVELL-BYRON
SHERIDAN CO.
SHERIDAN
SHERIDAN 239 (116.1)
UCROSS
CODY
GREYBULL
BASIN
BUFFALO (R)
GILLETTE MUN.
GILLETTE ARPK.
GREAT FALLS SALT LAKE CITY
ROCK SPRINGS 26
CASPER 269
TO HIGHLIGHT
MINNEAPOLIS GREAT FALLS
DENVER

197 90 17 146 270 145 142 238 60 240 50 229 67 247 297 118 325 326 208 28 298 159

RADIO

MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER.. REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3):116.1
Billings Airport	278 (118.7)	C(ILS):247°,1.3	(4):118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4): 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4): 116.1
NIBBE FM	**(-)**	**FM, 49°, 25.4**	**Billings**
PARK CITY FM	**(. . - - -)**	**FM, 247°, 21**	**Billings**

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV,298°,1.84):116.1	
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3 (W)	335	253° Mag.	IM-	MM- ·--·(0.6)	OM- --(4.3)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on odd guards 116.1, 127.65, 149.55 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE, riv W	3000	31	(NC)
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW, hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW, RR S	3612	57h R3 L6 S6	73,91,100 oct.
(P) Bones Bros. Ranch (Birney)	2 ESE, crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE, rd W	2480	42	
Circle	1.3 E, RR N	2400	21	
(P) Columbus	1 ESE, RR N	3575	50 S1	80 oct. Poles W, E, NW.
Custer Int,25,HL-Twin Cities	2.3 E, riv NE	2868	42 L3	
Denton	2.2 SSW, RR N	3850	26 S4	73 oct.
Etchart (Tampico)	0.5 NNW, RR S	2100	29 S2	80 oct. Trees SE.
* Forsyth Int,30,HL-Twin Cities	3 ENE, riv N	2722	30 L3	
Fort Peck	1.6 W, hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW, RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE, RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW, riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW, lake E	2589	48h S4	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW, RR N	2950	24	
(P) Jordan	1.8 WNW, rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW, RR S	3496	39 L3	Use rnwys only.
(P) LEWISTOWN	2.5 SW, RRNW	4177	100h R1 L5S4	80 oct. Rnwy lgts on req.
(P) Malta Airpark	0.8 SW, RR N	2270	31 S4	80 oct. Shrubs NW. No sto.
* Mildred Int,38, HL-Twin Cities	3.4 WSW, rd E	2535	37 L2	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N, RR S	1970	33	
(P) Rapelje	1 SE, RR N	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N, hwy S	3500	37	Hwy W.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW, RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE, RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S, hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E, riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W, hwy N	3002	18	

WYOMING

Basin	2.5 NE, riv E	3775	34	Hills adj E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	80, 91 oct. Hwy E.
Cody	2 ESE, riv N	5084	47 S6	73,91 oct. Hill E; pole line S.
Cowley-Lovell-Byron (Cowley)	2 NNE, rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S2	73, 80 oct. Hwy E.
(P) Grey Bull	2 NW, hwy S	3900	44 S2	73 oct.
(P) Powell	8 NNW	5054	42 S2	73 oct.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW, hwy E	3961	60h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk. (Wyo.)	1.7 ESE, RR N	4650	25 S4	80 oct. Poles NW.
Moore (Mont.)	0.5 E; RR N	4100	20 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). → NEW OR REVISED DATA.

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)
[redacted]			
→ PHILIP (Int.)	206(IL)	MHT	(4)
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3108, 4495, 6216 kcs. (4)-3108, 4495, 6216, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 126.1, 127.85, 149.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE,hwy N	2290	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S1	73 oct. RR W.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24	
Chandler(Williston)	3 W,RR SE	1877	24 S6	80 oct.
(P) Crosby	1 N,RR SW	1962	33	
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) NC-(not charted). → New or revised data.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	[redacted]
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S1	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S2	73 oct. Polelines S.
New England	2.4 NE,hwy W	2666	24 S2	73,80 oct. Poleline W
Parshall	1 S,RR N	1970	22	
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1724	58h R1 L5 S4	80,91 oct. No bcn. Pwr line SW.
Rhame	1.5 SW,RR NE	3150	23 S1	73 oct. Pole line S.
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	73 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	1 S,dam N		30 S1	80 oct. Data unver.
[redacted]				
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct. (Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
→ Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	73 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S		28 S2	80 oct. Pole line N. Data unver.
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.

10 BISMARCK

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LINES INDICATE MOUNTAINOUS TERRAIN

105° 104° 103° 102° 101° 100°

49°

48°

47°

46°

50°

25 STATUTE MILES

CROSBY O
PORTAL O
PLENTYWOOD O
C MOHALL
TOWNER O
RUGBY O
PORT O'MINOT
MINOT 209
WRIGHT
CHANDLER I
WILLISTON
PARSHALL O
MILLER O
SIDNEY O
WATFORD CITY O
121
211
31
201
ILO
167
WAHPETON
BISMARCK 230 (116.1)
DICKINSON 308 (116.1)
GLEN ULLIN
GLENDIVE
BEACH O GOLVA
WORTH
JUDSON
BRISCOLL
MILES CITY 320
69
256
80
250
238
GREEN 2
NEW ENGLAND O
DICKINSON
BISMARCK
347
WYMAN
BAKER O
RHAME O
BOWMAN O
333
HETTINGER
MONT.
N.D.
S.D.
BILLINGS 7
MOBRIDGE
MINNEAPOLIS
DENVER
MONT.
WYO.
BLACK HILLS
NEWELL O
RUSHMORE
GEROME
BALLEY
RAPID CITY 221 (116.1)
RAPID CITY AAB 306 (126.1)
PIERRE 347 (116.1)
246
144
69
PHILIP 206
On request
PIERRE
CHEYENNE 27
HIGHLIGHT
66
182

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
49° (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
I: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.
100° 99° 98° 97° 96° 95°
N.D. MINN.
PEMBINA
ROLLA
LANGDON
CANDO
DEVILS LAKE
GRAND FORKS
THIEF RIVER FALLS
HARVEY
NEW ROCKFORD
MOHR
MATHENY
CROOKSTON
JAMESTOWN
VALLEY CITY
DAWSON
WEST FARGO
PARK RAPIDS
DETROIT LAKES
BISMARCK
GREEN 2
WHEATLAND
BARNESVILLE
WADENA
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
ASHLEY
EUREKA
BRITTON
SISSETON
GRACEVILLE
MORRIS
ALEXANDRIA
ORTONVILLE
MR. BANK
BENSON
APPLETON
WILLMAR
MEDENFELT
MADISON
MONTEVIDEO
REDWOOD FALLS
W. W. HOWES
WATERTOWN
ROPER-KAMNEGIETER
MILLER
MARSHALL
CARTHAGE
BROOKINGS
WESTBROOK
SIOUX FALLS
OMAHA 30
FLANDREAU
MADISON
77 257 170 260 344 365 (116.1) 250 73 83 80 278 350 160 165 345 161 109 289 166 307 186 120 300 96 177 75 256 254 (116.1) 357 224 113 76 341 346 234 44 293 263 347 206 329 (116.1) 382 (116.1) 239 (116.1) 353 (116.1) 245 386 (118.7)
PEMBINA 260
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
FARGO 365 (116.1)
JAMESTOWN 344 (116.1)
GRAND FORKS 278
BISMARCK 230
FARGO 386 (118.7)
ASHLEY (W) 206
ABERDEEN 329 (116.1)
WATERTOWN 382 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
HURON 353 (116.1)
SIOUX FALLS 245
PIERRE 347
MINNEAPOLIS 14
BISMARCK 10
MINNEAPOLIS 7

[redacted]

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
[redacted]			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,360°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
[redacted]			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(116.1)	BMRLZ-DTV,44°,2.7	(4);116.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

	AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)	Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80 oct.No sto.Fld lgts on req.
→	Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto.P-line S,SE,
→	Benson	2.4 NW	1031	22 S2	80 oct.P-line NW SW
→	Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst sur fld.
→	Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto.
→	Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
	Graceville	0.8 WNW,RR S	1110	16	Poleline S.
	Madison	1 S, hwy W	1086	31 L3 S6	80 oct.
(P)	Marshall	1.5 W;RR S,E	1167	30 S6	80 oct.P-line S.
→	Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P)	Morris	2.7 WSW,RR N	1134	31 S2	80 oct.Trees,poleline NW
	Ortonville	1 ESE,hwy S	1090	21	Hwy W.
→	Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
→	Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
	Thief River Falls	3.6 S, riv W	1110	21 S2	80 oct. Trees NW
	Wadena	1 E,RR NW	1300	30 S1	80 oct.Poleline S,NW.
	Westbrook	1 SE,hwy N	1500	18 S1	80 oct.Poleline W.
	Willmar,16,HR-MP	1.5 W,RR E	1130	28 R1 L3 S6	80 oct.

NORTH DAKOTA

	Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) NC-(not charted). → NEW OR REVISED DATA.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2025	40 L3	
Cando	1.1 SW,RR E	1490	26 S1	80 oct.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	43h	Poleline W
(P) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct.,P-1 Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	30 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	19 S1	Ltd 73 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	18 S1	80 oct.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct.Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S1	80 oct.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct.
New Rockford	1.5 N	1533	30	
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct.Ngt svcg on req. ARPT. OF ENTRY.
Rolla	0.7 N,lak S		21 S2	80 oct.Data unver.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71,HL-Twin Cities	1.5 NW,riv NE	1375	38h L1	
[redacted]				
(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Eureka (NC)	6 N, rd W	1895	28	Poles W.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.
Hofer-Kannegieter (Willow Lake)	1.5 E	1787	22 S2	73 oct.Poleline N.Data unver.
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.

NEW AIRPORTS

Carthage (S.D.)	0.3 S;RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun. (S.D.)	2 NNE;RR W	1350	24 S1	73 oct. Poles W.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH (Williamson-Johnson)	221 (DH)	SBRAZ-DT, 13°,3.9	(4)
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
→WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4):122.5126.18,118.3,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)					
WOLD CHAMBERLAIN	109.9	333.8	354°mag.	IM-	MM-	•–•– (0.7)	OM-	–– (4.7)	
					MMK-201	••• (0.7)	OMK-219	–– (4.7)	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE,riv SW	896	19 S1	80 oct.Poles NE; 629' twr SE.
↘Baudette	1 N, riv NE		27 S2	80 oct. Data not verified.
(P) Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
→Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
←(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
←(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Flares on req.Obst sur fld.
→Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
→Coleraine	0.8 SSE;lake SE	1390	25 S4	80 oct.
Ely	1.2 E	1425	24 S2	Poleline W;trees sur fld.
↘Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80,91 oct.No sto.Flares on prior req.
→Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
Gervais (Tofte)	1.2 NE,hwy S	800	27 S2	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	22 S2	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	26 S1	80,91 oct.Trees,poles sur fld.
(P) Hibbing	4.5 SE,lake NNW	1367	40h S6	91 oct.
→Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct.Poleline N, NE.
←(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
→Le Sueur	1.1 S,riv W	900	24 S4	80 oct.No sto.Rolling.
→Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
→Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	33 L1 S6	80 oct.Pwrline E, NE.
(P) Monticello	1.3 NNE,road S	940	50 S6	80 oct.
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E, hwy N	1000	23 S6	80 oct.
↘Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct.
→Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S, W blocked.
Princeton	1 W, RR E		20 S1	80 oct. Data not verified.
→Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
→St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct.
St. Peter	2.4 NNW,riv E	900	23	Poleline S.
Sells Flying Field (Mayer)	0.4 SSE	750	12	(NC)
Taylor Falls	1.5 W,RR S	950	23 S4	80 oct. No sto.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E.
Victory (Minneapolis)	9 N, riv E	860	33 S6	80 oct.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S2	73 oct. Poles N.
Waseca	0.5 S,RR NW	1150	39 S1	80 oct. Poleline N,W, E.
(P) Whitney Memorial (St. Cloud)	1.5 NNW,riv NW	1034	32 L3 S6	80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	6.5 NNW,hwy S	1428	57h R1 L1 S6	80,91 oct. Closed ngts. except airlines ARPT OF ENTRY
Winona	4.5 WNW	670	19 L3 S1	80 oct. Bet. RRs.
(A,N) WOLD CHAMBERLAIN →(Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	87-100 oct. JP-1. Rdo rec required. No sto. Ltd maint facs for mil acft-
Wyman (Aitkin)	1.3 N,riv S	1200	8	Poles W. Open to all acft.

[redacted]

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Amery	3.4 NNW,hwy N	1100	26 S1	80 oct.Poleline SE.
Arrowhead (Rice Lake)	1.3 SE,lake SE	1147	24 S4	80 oct.Trees SE.Data unverified.
Ashland	2.5 SSE,RR E	700	22 S3	80 oct. Hi-lines NE, SW.
Boyceville	0.5 SSW,hwy N	948	24 S2	80 oct.Obsts sur fld.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	26	
Chetek	1.5 SE,RR S	1050	22 S1	80 oct.Trees N,SE,NW; pole S.
Chippewa Falls	2 S,RR NW	910	26 S2	80 oct.Pole line W, NW.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	19 S1	80 oct.
Dallas	0.7 SSE,RR W	1100	22 S1	80 oct.Pole line S.
Eau Claire	1.5 SSE,riv NW	884	40 S6	80 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	
(P) Hayward	2 NE,RR NW	1200	30 S1	80 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	15	Pwrline N, W.
Jackson Co. (Black River Falls)	2 E, RR W	855	25 S1	80 oct.
Marshfield	2.3 SSW,hwy W	1253	20 S2	80 oct.
Neillsville	5.7 W,hwy SW	1000	21 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30	Poleline W,SW
↘Pines (Bloomer)	0.9 E,RR W	1050	16 S1	80 oct. Poles S, W.
→Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but lake appch.
Rice Lake	3.5 NNE,RR W	1150	37 S1	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 SW,RR E	674	33 S4	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SW	1150	11 S1	80 oct.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S1	80 oct.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE	400	19 S2	80 oct.Pole line N; bldg W, NE.
Veterans (Menomonie)	0.4 W,riv W	900	28	

NEW AIRPORTS

Owatonna (Minn.)	2.7 NW	1138	25 S4	80 oct.Data unver.
(P) INTERNATIONAL FALLS, ↘(Minn.)	2.2 S	1175	30h S4	80 oct.No sto.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). →← NEW OR REVISED DATA.

14 MINNEAPOLIS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
INTERNATIONAL FALLS
CAN. MINN.
LITTLE FORK
ELY
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
WILLIAMSON-JOHNSON
DULUTH 221
RICHARD BONG
WYMAN
FARGO 11
HEYWOOD
BRAINERD
CAMP RIPLEY
ASHLAND
OGOEBIC CO.
HAYWARD
SPOONER
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
MONTICELLO
ANOKA
LITCHFIELD
ANDERSON
OSSEO
VICTORY
TAYLOR FALLS
AMERY
U. OF MINN.
MINNEAPOLIS 266 (116.1)
NORTHPORT
HUDSON
ST PAUL
FLEMING
WILLMAR 254
ROBBINSDALE
WOLD-CHAMBERLAIN 278 (118.3, 126.1R)
FLYING CLOUD
HECTOR
JORDAN
HASTINGS
CEDAR
CARLETON
LE SUEUR
ST. PETER
NEW ULM
FARIBAULT
KENYON
ROCHESTER 236
MANKATO
WASECA
OWATONNA
PLEASANT CORNERS
DES MOINES 31
LAKE CITY
RED WING
WABASHA
WINONA
L CROSSE 371
WISC. 2 D.A.
RICE LAKE
ARROWHEAD
DALLAS
CHETEK
PINES
BOYCEVILLE
PRICE LAKE
PHILLIPS
RUSK CO.
TAYLOR CO.
CHIPPEWA FALLS
EAU CLAIRE MUN.
EAU CLAIRE
VETERANS
COLBY-ABBOTSFORD
SCHLOSSER
NEILLSVILLE
MARSHFIELD
JACKSON CO.
SAULT STE. MARIE 15
WISC. MICH.
MINN. WISC.
BLUE
GREEN
AMBER
RED
NOTE: MANY AIRWAYS ON SIDES OF MAPS OMITTED FOR CLARITY

SAULT STE. MARIE 15

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS Ⓒ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

15 STATUTE MILES 0 15

SAULT STE. MARIE 356 (116.1)

PELLSTON 206 On request

TRAVERSE CITY 365 (116.1)

CADILLAC 269 On request

GLADWIN 257 On request

MICH. 2 D.A.

CAN MICH

MICH WIS

CHICAGO DETROIT

CHICAGO

MINNEAPOLIS 14

CHICAGO 34 | GRAND RAPIDS 35

GRAND RAPIDS 35 | DETROIT 38

ISLE ROYALE SANDS · HOUGHTON CO · MARQUETTE CO · SAULT STE. MARIE · RACO AAF · KINROSS AAF · BOULDER JCT. · NORTHERN LAKES · KING'S GATEWAY · DR. A. L. HAUGHT · BLAKEY PARK · MACKINAC CO · THREE LAKES · FORD · NORTHLAND · ESCANABA · RHINELANDER · EMMET CO · PRESQUE ISLE CO · PET-O-SE-GA · CHARLEVOIX · ANTIGO · MENOMINEE CO · SCHEIDLER · HILLMAN · ALPENA · SKY HARBOR · ATLANTA · ALEXANDER · WISCONSIN VALLEY · OCONTO FALLS · SHAWANO · CHERRYLAND · CLINTONVILLE · KUBIAK'S · FRANKFORT · GRAYLING · MASONS · STEVENS POINT · BROWN CO · EAST SIDE · NICOLET · NEPCO TRI-CITY · WAUPACA · OUTAGAMIE CO · TIMBERS SKY CAMP · OSCODA AAF · CADILLAC · ST. HELEN · HOUGHTON LAKE · MANISTEE-BLACKER · VALLEY AVYS · GINKOW · MANITOWOC · LA FORTE · WINNEBAGO CO · SKY VILLAGE · CHAPLIN · KOHLER · MASON CO · GLADWIN · GREEN LAKE · FOND DU LAC

139 · 214 · 319 · 34 · 131 · 204 · 24 · 211

RADIO — MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(HK)	MHT	(4)
GLADWIN	257 (GU)	MHT	(4)
PELLSTON (Emmet County)	206 (PJ)	MHT	(4) (6-22)
SAULT STE. MARIE	338 (VC)(116.1)	SBMRAZ-DTV,317°,2.2	(4); 116.1
TRAVERSE CITY	385 (TG)(116.1)	SBMRAZ-DTV,319°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEM (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APP. CRS. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising) (NC)	4 SSE,hwy E	850	24	Twr N; woods all sides.
Alpena	6.5 WNW;RR S	685	50h	
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	20	Trees N, NW, W.
Au Gres (NC)	0.9 NNW,hwy S	590	20	Poles NE,SW.
Baldwin (NC)	1.3 SSE,RR W	835	25	
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	
(P) Bellaire (NC)	1 NE,RR W,S	614	30	Poles SE;trees surround fld.
Big Lake (NC)	7.3 SW Baraga	1100	20	Trees on all sides.
Blaney Park	0.5 NW;lake N	850	18 S1	80, 100 oct.
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun. (NC) (Indian River)	0.8 SE;RR,hwy W	602	20	Pole line N,trees E,W,S.
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. Poles W,NW,E.
D.A.R.(Rexton) (NC)	1.9 WSW:RR N	900	22	Poles N.
Doherty (Clare)(NC)	1 NE	840	21	Poles S; NE corner rough.
→ (P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80 oct. Bldg SW,WNW.
East Jordan (NC)	1.9 SSE,riv W	640	26	Trees E, W.
(P) Emmet County (Pellston)	0.6 NW,RR E	707	54h R1 L3 S1	80,91 oct. Lgts on req.
Escanaba	2 SSW,hwy E	594	26 S4	73,80 oct. Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE,lake W	650	29 S1	73,80 oct. Sur by hills.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct. Poles NW.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	22	Surrounded by trees.
Hillman	2.8 NW	995	20 S1	Ltd 73 oct. Woods all sides.
Houghton Co. (Calumet)	2 SE,RR W	1200	26 S4	80 oct. Twrs, poles W
Houghton Lake (Houghton Heights)	1.2 WNW,lake NNE	1150	27 S2	73,80 oct. Radio twr W,N, lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;lake SW	605	22 S4	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26	Pole line NW; trees NE, SW.
Luce County (Newberry) (NC)	4.1 SE,hwy S	872	20h	Poles S, trees W.
→ Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	28 S4	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE	640	30	Poles S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x10) NC-(not charted). →NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	
Northland (Norway)	2 W	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	24	Trees SW,NW,SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	TMP INACT NO FACS
Otsego County (Gaylord) (NC)	1 SW,RR E	1384	30	Pole line NE.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey) (NC)	4.5 NE,hwy E,N	620	20	Pole line,ridges E, N.
Poschke's (Harbor Beach)(NC)	2.5 W,rd S	670	18	
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett (Sidnaw) (NC)	0.5 N,RR SE	1300	18	Use caution.
(A) Raco AAF (A)	4 WSW,RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Pole line S.
Roscommon Co. (Prudenville)	4.5 N,riv N	1150	24	Trees sur fld. (NC)
St. Helens	0.9 SE,RR NE	1153	26	
(P) Sault Ste. Marie	1 SSW,hwy E	706	36 R1 L3 S4	80,91 oct. All lgts prior req. ARPT OF ENTRY.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct. Pole lines N, SW.
(P) Schoolcraft Co. (Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR N	1355	26 S1	73,80 oct. Pole line S.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct. No sto.
Watersmeet (NC)	1.5 NNE,RR SSE	1581	24	Poles SE.
[redacted]				
Alexander (Wausau)	2.5 S,riv SW	1191	27 LA S4	73,80 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S2	80, 91 oct.
Arbor-Vitae (NC)	2.9 W,RR S	1600	22	Pole line E, N.
Boulder Junction	1.5 NW		38 S1	80,91 oct. Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S5	80,91 oct. Pole line NE,SE,S.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,bay E	590	40 S2	80 oct. Pole line W,S.
(P) Clintonville	1 ESE,RR SW	828	34 S6	91,80 oct. No sto. Pole line SW.
Eagle River (NC)	1.3 NW,riv NW	1675	32	
East Side (Green Bay)	1.8 SE,RR S	600	19 S1	80 oct. Pwr line N,NE,NW.
Fond du Lac	2.6 ENE,lk NNW	769	26 S2	80 oct. 50' hi-line N.
Ginnow (Omro)	3 N,RR E	800	19 S2	80 oct. Trees SW.
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	31 S2	80 oct. Twr NE; pole line NW.
(P) Kohler	1 N,hwy S	647	30 L1 S6	80 oct. Obst sur fld.
Manitowoc	1.6 NNW,RR W	653	26 L3 S4	80 oct. No bcn. Obsts sur fld.
Merrill (NC)	1.2 NNW	1286	22	Pole line NE.
→ Nepco Tri City (Wisconsin Rapids)	2.5 SSW,riv W	950	36 L2 S6	80 oct. Lgts on req.
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct. Pole line E,W. Data unver.
(P) Northern Lakes (Manitowish)	6.8 E,hwy N	1600	35 S1	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S1	80 oct. Pole line N.
Outagamie Co. (Appleton)	2.2 ENE,RR S	750	29 S2	80 oct. Obsts sur fld.
(P) Rhinelander	2 W,riv SE	1598	37 S2	80 oct. 10' bank NE.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct. Poles SW. Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver. Lgts prior req.
(P) Stevens Point	3 NE,riv SE	1090	40h S5	73,80 oct.
Three Lakes	0.5 S	1664	23	Bldgs, trees around fld.
Tomahawk (NC)	0.5 WNW	1450	15	
Valley Airways (Neenah)	4 SSW,RR E	750	21 S2	80 oct. P-line E. Data unver.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE,riv N,E	853	25 S1	80 oct. Trees around fld.
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W.
Wisconsin Valley Inc. (Wausau)	7 S		34 S2	83 oct. Data unver. Rnwy data unver.
[redacted]				
(P) Masons (Grayling, Mich)	12 ESE;riv N	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Kubiak's (Pulaski, Wisc)	1,2 E	781	26 S4	Data unver.

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4);116.1
➤ DOW (Bangor)	278 (126.18)+	CA (ILS)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ)	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT	(4)
Presque Isle AAF	278 (126.18)	AC(ILS);189°,3.4	(4);118.7,122.5,116.1,126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)

[redacted]

MASSENA	108.7(ME)	VARW

VERMONT

BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18)	C; 151°,2.8	(4);122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2 8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
➤ DOW (L6)	109.9 (W)		153°Mag.	IM- ·····(0.06)	MM- ·····(0.81)	OM- --(4.60)
					MMK-	OMK-
➤ PRESQUE ISLE AAF	109.9 (W)		8° Mag.	IM- ·····(0.06)	MM- ·---(0.85)	OM- --(4.47)
					MMK- 201 (0.85)	OMK- 219 (4.47)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct.Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	14	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h S6	80 oct.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N,RR W	360	20	WSW,ENE blocked.
Caribou	1 NW,hwy E	623	35h S6	80 oct.No sto.Bldg E.ARPT OF ENTRY.
Deblois Flight Strip	2 SE,riv W,N	219	40h	
(P) Dexter	3 ESE,rd W,S	485	30h S2	80 oct.
Dibanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW,hwy NE	70	28h S1	80 oct. Pole line NW.
Fryeburg Arpk	1.3 E,RR S	400	20 S2	80 oct. Pole line S.
Greenlaw (Auburn)	1.8 W,hwy S	238	14 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S1	80 oct.
Guertin (Lewiston)	1 NE	220	12 S2	87 oct. Trees, poles SSW.
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	4.5 SW,RR W	290	45h L5 S4	80,91 oct.
Maheux (Minot)	3.5 NNW,hwy NE	720	21 S6	80 oct. Trees SSE.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21 S1	Ltd 80 oct. Pole line N.
Norridgewock	3.7 W,riv NE,W	270	40h	Trees ENE.
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.7 SSE,hwy E	190	40h S6	80 oct. Sand pile, bldg E.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct.No sto.ARPT OF ENTRY.
Princeton	1.5 SSE,hwy NE	250	40h	

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.
Rollins (Turner)	2.5 NNW,rd E	335	20 S6	80 oct.
Roy L.Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE,riv S	240	21 S6	80 oct. Poles S,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct.Fld lgts prior req.
Weston (Madison) (NC)	1 N,riv W	300	19	Poles WSW.Use in emerg.

[redacted]

Berlin	7.5 N,riv W	1140	52h S3	80,91 oct. No sto.
➤ Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW. Rnwy data unver.
➤ Lancaster Arpk.	0.3 N,riv W		19 S1	80 oct. Data unver.
Lewis (Littleton)	2.5 E,RR S	900	18 S6	80 oct. No sto.
Twin Mountain	0.8 SW,RR N	1430	18 S1	80 oct.
Whitefield	3 ESE,RR N	1030	24 S1	73 oct.
➤ White Mountain (No.Conway)	1.9 SSE	540	20 S4	80 oct. Trees W, NW.

[redacted]

Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E,riv,RR W	460	19 S1	80 oct. Pole line N.
Keeseville	1.4 S,riv W	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct.Bcn on req.Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW,riv W	375	50h L5 S1	80, 91 oct.
(P) Saranac Lake	5.3 NW,RR NW	1655	40 L1 S1	80 oct. Bcn on prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E,RR NW	1680	8	Use strips only.
Westport	2 S,RR W	285	22 S2	80 oct.

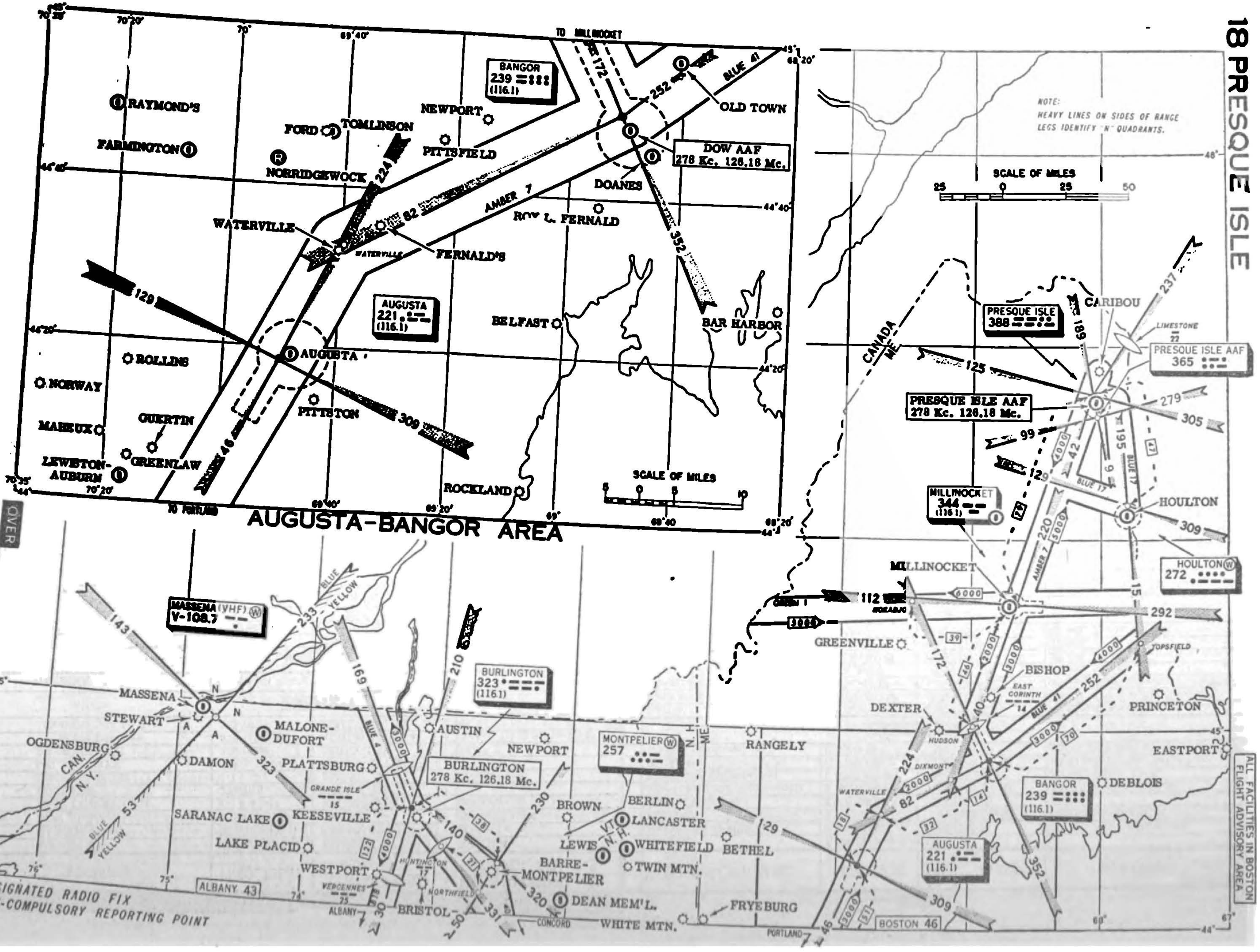
[redacted]

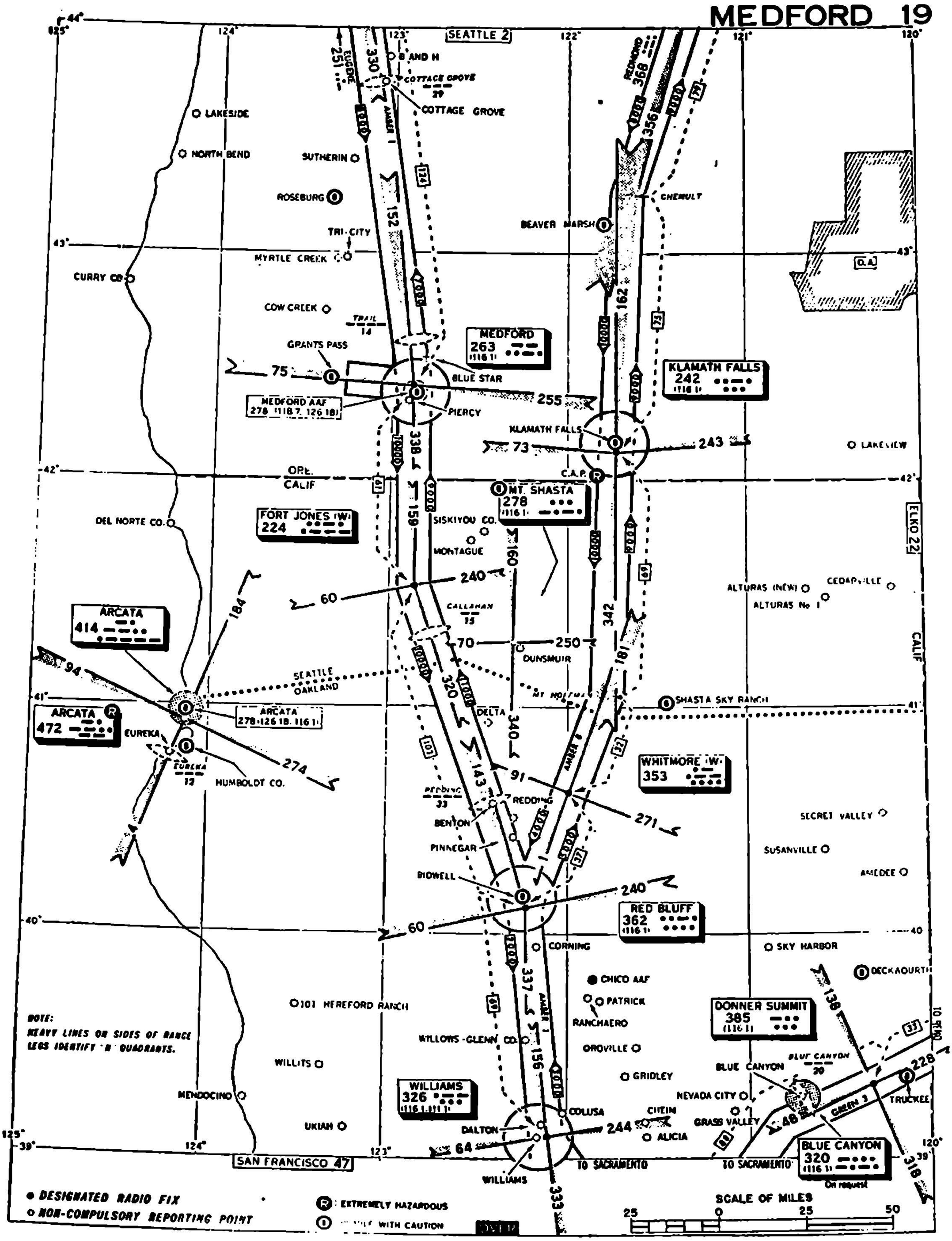
Austin (Swanton)	1.7 NE,RR W	235	30 L S6	80 oct.No sto.Port rnwy lgts. ARPT OF ENTRY.
BARRE-MONTPELIER(Berlin)	0.8 SE.	1149	40h L5 S2	80,91 oct.
Bristol	0.7 W,riv SE	570	22 L S6	80 oct.Port rnwy lgts.1680' mtn SE.
BURLINGTON	3 E,lake N	334	43h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct.All lgts prior req.

NEW AIRPORTS

➤ Farmington Arpk. (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
➤ Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct.No sto.WNW blkd.
➤ Ford (Skowhegan,Me.)	1 NNW	230	15 S2	80 oct.Bluff SW,Fairground S
➤ Franconia Arpk, (N.H.)	2 SE		20	
Brown (St. Johnsbury,Vt.)	5.2 N; RR E	807	23 S2	80 oct. Hills W, SW.

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). ➤ NEW OR REVISED DATA


AUGUSTA-BANGOR AREA
RAYMOND'S
FARMINGTON
NORRIDGEWOCK
FORD
TOMLINSON
NEWPORT
PITTSFIELD
BANGOR
239
(116.1)
OLD TOWN
DOW AAF
278 Kc. 126.18 Mc.
DOANES
Row L. FERNALD
WATERVILLE
FERNALD'S
AUGUSTA
221
(116.1)
BELFAST
BAR HARBOR
ROLLINS
NORWAY
MAINEUX
GUERTIN
GREENLAW
LEWISTON-AUBURN
PITTSTON
ROCKLAND
SCALE OF MILES
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
PRESQUE ISLE
388
CARIBOU
PRESQUE ISLE AAF
365
PRESQUE ISLE AAF
278 Kc. 126.18 Mc.
MILLINOCKET
344
(116.1)
HOULTON
HOULTON
272
MILLINOCKET
GREENVILLE
BISHOP
DEXTER
PRINCETON
EASTPORT
DEBLOIS
BANGOR
239
(116.1)
AUGUSTA
221
(116.1)
MASSENA (VHF)
V-108.7
MASSENA
STEWART
MALONE-DUFORT
OGDENSBURG
DAMON
PLATTSBURG
SARANAC LAKE
KEESEVILLE
LAKE PLACID
WESTPORT
BURLINGTON
323
(116.1)
AUSTIN
NEWPORT
BURLINGTON
278 Kc. 126.18 Mc.
MONTPELIER
257
RANGELY
BROWN
BERLIN
LANCASTER
LEWIS
WHITEFIELD
TWIN MTN.
BETHEL
BARRE-MONTPELIER
DEAN MEM'L.
WHITE MTN.
FRYEBURG
BRISTOL
ALBANY 43
BOSTON 46
CANADA
ME
N.H.
VT
N.Y.
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT


MEDFORD 19
SEATTLE 2
EUGENE 251
330
AMBER 1
B AND H
COTTAGE GROVE
COTTAGE GROVE 29
LAKESIDE
NORTH BEND
SUTHERIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
TRAIL 14
GRANTS PASS
75
MEDFORD 263
BLUE STAR
MEDFORD AAF 278 (118.7, 126.1B)
PIERCY
255
338
159
152
RICHMOND 368
356
162
CHEMULT
BEAVER MARSH
43°
44°
125°
124°
123°
122°
121°
120°
42°
41°
40°
39°
OR.
CALIF
KLAMATH FALLS 242
KLAMATH FALLS
73
243
LAKEVIEW
C.A.P.
MT. SHASTA 278
FORT JONES (W) 224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
160
240
60
CALLAHAN 15
70
250
DUNSMUIR
342
181
ALTURAS (NEW)
ALTURAS No 1
CEDARVILLE
ELKO 22
CALIF
ARCATA 414
184
94
SEATTLE
OAKLAND
ARCATA 278·126.1B·116.1
ARCATA 472
EUREKA
EUREKA 12
274
HUMBOLDT CO.
101 HEREFORD RANCH
WILLITS
MENDOCINO
UKIAH
WILLIAMS 326
DELTA
320
143
REDDING 33
BENTON
PINNEGAR
BIDWELL
91
271
WHITMORE (W) 353
SHASTA SKY RANCH
SECRET VALLEY
SUSANVILLE
AMEDEE
RED BLUFF 362
240
60
CORNING
SKY HARBOR
DECKAOURTI
CHICO AAF
PATRICK
RANCHAERO
OROVILLE
WILLOWS-GLENN CO.
156
337
333
DONNER SUMMIT 385
138
GRIDLEY
BLUE CANYON
BLUE CANYON 20
NEVADA CITY
GRASS VALLEY
CITEIM
ALICIA
COLUSA
DALTON
WILLIAMS
64
244
48
GREEN 3
TRUCKEE
228
318
TO SACRAMENTO
TO SACRAMENTO
BLUE CANYON 320
On request
SAN FRANCISCO 47
SCALE OF MILES
25 0 25 50
NOTE:
HEAVY LINES OR SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(I): USE WITH CAUTION

[redacted] CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL)	472 (NZM)	MRL	(3)
Arcata Airport	278 (116.1,126.18)	CI (ILS): 4°, 3	(3) 116.1,126.18 (8-17)
Arcata (H fac) (UAL)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DECOMMISSIONED
BLUE CANYON	320 (BC)(116.1)	MHVT	(4):116.1
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
→ RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(116.1,111.1)	SBMRAZ-DTV,244°, 2.2	(4);116.1,122.1

[redacted]

COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford	278 (126.18,118.7)+	AC; 158°, 2.4	(4):126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA,	109.5 (W)	332.6	312° Mag.	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.; 100 oct. on req.
(P) Alturas (new)	6.8 WNW,riv S	5034	63h	
Alturas #1	1 W,RR S	4391	28 S6	80 oct.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	7.6 NNW	217	60h R3	
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	0.8 ENE,RR S	4900	26 S6	73 oct.
Benton Airpark (Redding)	1.1 WSW,riv E	719	25 L3 S4	80, 91 oct.
(N) BIDWELL (Red Bluff)	1.7 SSW,RR E	354	40h R1 L5 S4	80,91,100 oct.
* Blue Canyon Int,13,SF-SL	1.1 NNE,RR S	5280	34 R1 L3	Obsts N, E. RR E.
Cedarville	0.6 S,lake E	4260	26 S2	80 oct. Pwr line E.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. No sto. Levee N, NE.
Chester, USFS (NC)	1.5 SSW,RR N	4525	31	18' pole line W. Closed to Public
(P) Chico	5 N,rd E	237	67h	
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	30 L1 S2	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	30 S2	80 oct. Pwr line S.
(P) Del Norte Co. (Crescent City)	2.5 NW	57	50h	
* Delta Int, 22, SF-SA	1 SW,RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h	
(F) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 W,riv SW	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	Ltd 80 oct. Trees sur fld. P-line NE.
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49	Road crosses NE/SW strip. Closed to Public
Gridley	0.7 ENE,RR W	97	26 S6	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E,rd N	2350	23	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.4 ENE,RR SW	10	18h S6	80,91 oct. Poles NW. Rnwy data unver.
Mendocino (Little River)	2.5 SE	572	53h	
Montague	1 W,RR N	2520	32 L1 S4	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) Oroville	3 SW,riv E	199	60h L5 S1	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. Poles N.
Pinnegar (Anderson)	1 S,canal E	435	23 S1	73 oct.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S4	80, 91 oct. Hwy NE.
Ravendale (NC)	0.2 N,RR W	5260	18	
Redding	7.5 SE,riv S	500	61h L3 S1	
Round Valley (Covelo)(NC)	0.8 SW,hwy E	1385	30	
* Secret Valley Int,52,RV-ND	3.6 ESE Karlo	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E,RR N	3400	28 S2	73 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	73 oct. Pwr line N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L3	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S4	80 oct. No sto.
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' poles S. Closed to Public
* Williams Int,9, SF-SA	4 S, RR E	120	42 R1 L3	
Willits	1.3 ENE,RR W	1356	20 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct, No sto.

[redacted]

* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	1 S,RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	23 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river —1 E	1350	43	Trees NNE. USFS
→ Klamath Falls	4.9 SSE,RR NE	4035	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.25 NE,hwy W	20	30	Pole line S.
Lakeview	3.5 SW,RR E	4726	53h L5 S6	80,91 oct.
(A,N) MEDFORD AAF	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3	Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW,RR E	1325	20 S4	80 oct. No sto. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19	Pole line N,S. Cattle on fld.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 ;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	26 S5	80 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;riv E	3300	33 S2	80 oct. Rnwy data unver.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350 (BE)	SBRAZ-DT,110°2.5	(3)
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);131.9,126.18, 118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4) (Wed.Sat.Sun 6-19, other days 8-1630)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker,(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW	4700	18	Pole line ENE.
Boise Airpark	1.8 WNW,RR S	2660	25 S6	73,80 oct.Trees SSE, NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S2	73 oct.
Floating Feather (Eagle)	2 E,hwy W	2635	38 S4	80 oct.Soft when wet.
(P) Glenns Ferry	1.3 WSW,riv S	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	49 S6	80 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE,hwy S	3931	70h	INACTIVE
HUBBARD (Reno)	3.4 SE,RR N	4404	64h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	4000	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 L S6	80 oct. Port rnwy lgts
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	on prior req.
Orovada (NC)	1.2 W,hwy E	4300	32	
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	26.6 SW,hwy E	4050	60h	
Vale	1.2 SSW;rvr E	2250	23 S1	80 oct. P-line NE.

NEW AIRPORTS

← BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 S1	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XII)(NC)-Not charted → NEW OR REVISED DATA

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY AIR MOVEMENT)

R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

SPOKANE 3
VALE
NYSSA
PARMA
CALDWELL
ROE-DAVIS
BURNS
ALKALI LAKE
ROME
FLOATING FEATHER
EMMETT
BOISE
350
BOISE AIRPK.
BRADLEY
RITCHEY
BOISE AIR TERM.
278 ∝ 118.3.126.18
BENNETT MOUNTAIN HOME
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
GLENNS FERRY
BURLEY
272
ONYHEE
SEATTLE
SALT LAKE CITY
ORE.
NEV.
IDA.
MEDFORD 19
ELKO
391
(116.1)
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
281
(116.1)
BATTLE MOUNTAIN FLGT. STRIP
CARLIN
ELKO
HUMBOLDT
209
(116.1)
BUFFALO VALLEY
RENO
254
(116.1)
LOVELOCK COM.
LOVELOCK
RENO SKY RANCH
RENO AAB
SPARKS
FERNLEY
FALLON
HUMBOLDT
AUSTIN OLF
SALT LAKE CITY
OAKLAND
SEATTLE
OAKLAND
LAHONTAN
LAHONTAN FLGT. STRIP
HUBBARD
278
FALLON
230
CARSON CITY
NAAS, FALLON
DONNER SUMMIT
YERINGTON
NEV.
CALIF.
FRESNO 51 LAS VEGAS 54

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

SALT LAKE CITY 23

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "W" QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6 | ELKO 22 | ROCK SPRINGS 26 | TO KING HILL | OKLA CITY 10 | TO ROCK SPRINGS | TO MILFORD

GOODING 215 | BURLEY 272 | IDAHO FALLS 359 | POCATELLO 257 | MALAD CITY 314 | SALT LAKE CITY 227 (116.1) | FORT BRIDGER 382 (116.1) | STREVELL 335 | LUCIN 302 (116.1) | OGDEN 263 (116.1) | HINCKLEY 284 | HILL AAF 396 126.18 | SALT LAKE CITY NO. 1 278 118.3 | WENDOVER AAF 201 126.18 | WENDOVER 248 | FAIRFIELD 362 (111.1,116.1) | DELTA 212 (116.1)

ST. ANTHONY | REXBURG | JACKSON | FRIEDMAN | CAMAS CO. | On request | ALBERT | FLYING BAR'S | GOODING (NEW) | JEROME | TWIN FALLS | BURLEY | IDAHOME | STREVELL | MALAD CITY | IDAHO NEV | POCATELLO | HAYFIELD | POCATELLO AAF | ABERDEEN | UNIVERSITY | AMERICAN FALLS | DUBOIS | IDAHO FALLS | AFTON | MONTPELIER | BEAR LAKE CO. | COKEVILLE | PRESTON | LOGAN-CACHE CO. | HILLCREST | CORINNE 23 | KEMMERER | BRIGHAM | HUNTSVILLE 19 | EVANSTON (NEW) | OGDEN ARPK. | FORT BRIDGER | KNIGHT | EVANSTON | LAYTON 18 | BOUNTIFUL | PROMONTORY POINT | LUCIN | WELLS | VENTOSA | LOW | TIMPIE 37 | KNOLLS | GRANTSVILLE | SALT LAKE NO. 2 | MIDVALE | ALTA | UTAH CENTRAL | TOOELE | RIVERTON 20 | FAIRFIELD | DUGWAY AAF | SPANISH FORK | PROVO | NEPHI | MT. PLEASANT | CARBON CO. | MANTI-EPHRAIM | YELLAND | DELTA | NEV. UTAH | IDAHO WYO.

102 | 192 | 359 | 176 | 282 | 186 | 64 | 93 | 56 | 326 | 147 | 271 | 92 | 269 | 330 | 152 | 156 | 110 | 94 | 260 | 61 | 79 | 332 | 162 | 336 | 149 | 246 | 78 | 250 | 66 | 342 | 92 | 343 | 272 | 187 | 97 | 277

LAS VEGAS 54 | WINSLOW 55

OVER

RADIO AIDS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
IDAHO			
BURLEY	272 (BX)	SBRAPZ-DT,200°,2.7	(4)
GOODING (new)	215(GG)	MHT	(4)
IDAHO FALLS (Mun.)	359 (IF)	SBMRAZ-DT,192°,2.6	(4)
MALAD CITY (Int.)	314 (WT)	SBRAZ-DT;131°.3.4	(4)
POCATELLO	257 (PQ)	BMRLZ-DT, 56°.2.5	(4)
STREVELL	335 (TV)	MH	(4)
UTAH			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362 (LA)(116.1)(I)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (IB)(116.1)	BMRLZ-DPV,156°.2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4), 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4)(830-2130 Wed. thru Sun, 1130-2130 Mon. & Tues.)
SALT LAKE CITY	227 (SL)(116.1)	SBRAZ-DTXV	(3); 116.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS); 163°, 2.9	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382 (HM)(116.1)	SBRAZ-VDT,228°.2.4	(4):116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE	110.3 Ⓦ	335	343° Mag	IM-	MM- .-.- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
IDAHO				
Aberdeen	2.7 SW,rd W	4460	32 S6	73 oct.No sto.
Albert (Richfield)	5.2 NE,RR W	4400	23 S2	Ltd 80 oct.
American Falls	2 NE,RR NW	4404	38 S1	73 oct. Poles S.
Arco (NC)	1.5 ESE,hwy W	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W,crk W,E	3690	41	
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S4	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31	Pole line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	73 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	73 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW	3570		ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4460	29 L3	
Jerome	3.3 ENE	3980	31 S1	73 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30	Rough.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3 S1	73 oct.
Montpelier	0.6 NNE,RR WSW	5900	30 S1	73 oct. Mtn NE
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S4	80 oct. Poles, trees NNE,Rnwy data unver
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	30	(NC)
(P) Twin Falls	6.5 S,crk N	4200	40 S6	80,91 oct. No sto.
University (Ham's)(Pocatello)	1 ENE,hwy W	4600	35 S2	Hills N,S. No fuel.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	25	UNUSABLE.
INDIANA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W	5665	29 L2	
Yelland (Ely)	3.5 NNE,hwy E	6258	60h L3 S6	80 oct. Fld lgts prior req.
UTAH				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30	Hwy W.
Bountiful Sky Haven	2.6 WSW,rd E	4222	38 S4	80 oct. Pole line N,NW,SE.
Brigham	3 NW,RR S	4220	37 L3 S6	80 oct.
Carbon County (Price)	2.8 E,RR W	5800	43 S6	80 oct.
Delta	4.8 ENE.	4755	61h R1 L5 S2	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE,riv W	5700	55	Pole line W, NW.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	26 S6	80 oct. Mtn SSE.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S2	No fuel.
Midvale	3 WSW,RR NW	4500	20 S4	73 oct. No sto.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S2	80 oct.
Myton (NC)	1 E,riv N	5090	31	
Nephi	2.5 NW,RR E	4800	48 S1	Ltd 80 oct.
Ogden Airpark	4 S,hwy NE	4700	31 S4	73 oct. No sto.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) Provo	2.8 WSW,RR N	4490	71h L5 S6	80,91 oct. Fld lgts prior req.
(P) SALT LAKE CITY #1	2.5 WNW,RR S	4222	55h R3 L6 S6	73,80,91,100 oct.Rdo rec rqrd.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S4	73 oct.
Spanish Fork	2 NW,RR SE	4560	49 S6	80 oct.
Tooele (NC)	1.4 WSW,RR W	4800	30 S4	80 oct. No sto. Mtns SE.
Utah Central(Salt Lake City)	4 SW,RR N	4240	28 S4	73 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4237	81h R2 L5 S6	73,91,100 oct. JP-1. CLOSED.
WYOMING				
Afton	0.3 SW,hwy E	6239	30 S5	73,80 oct. 40' trees N.
Big Piney (NC)	2 N	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston	3.6 SSW	6800	39 S1	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	56 S1	73 oct.
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
NEW AIRPORTS				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	1 NE;hwys S,W	6740		80,91 oct.Pwrline W. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC (not charted). ➔ NEW OR REVISED DATA

[redacted]LORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	VAR-DTV	3105,3117.5;116.1,131.7
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	VAR-DTV (ILS)	3105,4495,3117.5:131.7, 116.1
[redacted]			
→ CASPER (Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV:258°,2	(4):116.1,122.1
CASPER AAF	396(126.18)	CA	(3): 126.18
DOUGLAS	251 (DQ) (116.1)	BHTV	(4) :116.1
→ LARAMIE (Gen'l. Brees Field)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (new)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4); 116.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4): 116.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •---	335	110° Mag.	IM-	MM- •-•-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Steel. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs; (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Rainbows in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	Closed till June '47
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L2 S6	73,80 oct.Poles SE.
Glenwood Sprgs.	2 S	5900	38 S1	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Longmont	2.9 W;RR N	5030'	40 S6	80,91 oct.Trees NW.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	53 S2	80,91 oct.Poleline SE,E
Vernal (new)	1 SSE;hwy N,E	5280	31 S6	80,91 oct.
Vernal (old)	7 ESE;riv 4 E	5200	37	

WYOMING

AIRPORTS

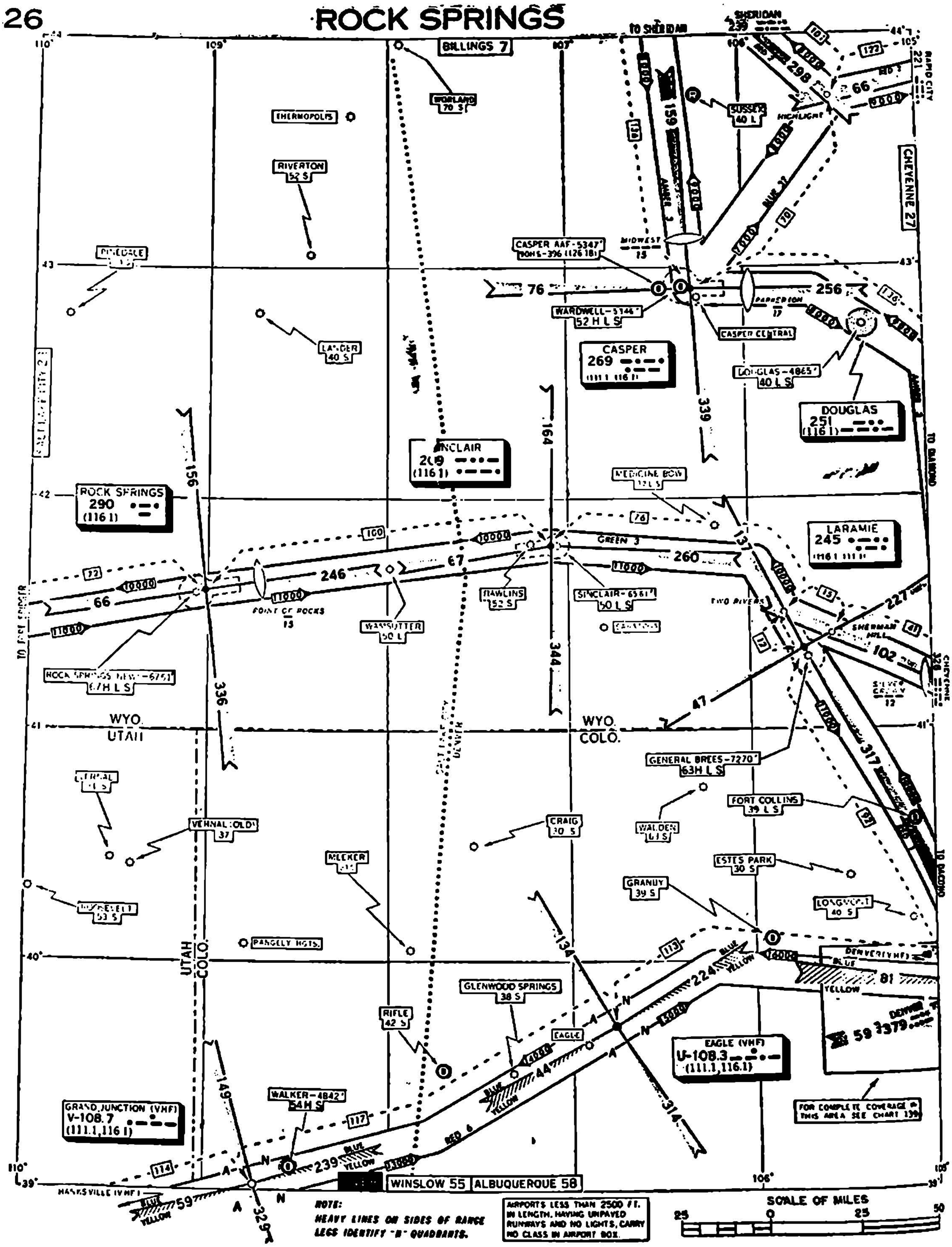
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
→ Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S1	73 oct.
General Brees (Laramie)	4 W;riv SE	7270	63h R1 L5 S6	73,91,100 oct.
Lander	1.5 S;riv W	5550	40 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy NE	7200	39 S2	73 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3 S1	80,100 oct.
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	33 S1	80 oct.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,91 oct.
(P) Worland	2.8 S;canal NW	4185	70 S1	80, 91 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). → NEW OR REVISED DATA

ROCK SPRINGS



CHEYENNE 27

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 8 QUADRANTS.

TO HIGHLIGHT

RED 2

66

WOOD

MONDELL

BOURASSA

172

HOADLEY

ROCK SPRINGS 26

HOT SPRINGS

EDGEMONT

WYO

S D

NEB

E91

346

RAPID CITY

221

BISMARCK 10

102°

101°

PRESHO

STATUTE MILES

25

D A

MINNEAPOLIS

DENVER

DENNETT CO

On request

CHADRON

206

1116 I

S D.

NEB.

43°

50

CHADRON

GORDON MUN

LUSK

CRAWFORD

FORT ROBINSON

HAY SPRINGS

TO CASPER

AMES 5

136

WHEATLAND

EAST SIDE

LINGLE

SCOTTSBLUFF

341

1116 II

83 J1

205

ALLIANCE MUN

TORRINGTON

SENECA

42°

OMAHA 30

MITCHELL

SCOTTSBLUFF

161

227

LARAMIE

245

DIAMOND

55

BAYARD

SIDNEY

314

1116 I

301

CHEYENNE

278 ∝ 118 3 126 18 ∞

MEADOWS

37

IDLE ACHES

41

45

SIDNEY

OSHKOSH

74

BIG SPRINGS

ROBERT

29

25

60

7000

ARCHER

256

CHAPPELL

OGALLALA

36

NO. PLATTE

PAXTON

125

80

260

PINE BLUFFS

NEB

COLO

LORENZO

GREEN 3

GOTHENBURG +

CHEYENNE

326

1116 I

347

SCHWARTZ - JOHNSON

JULESBURG

AKRON

368

1116 I

154

155

GRAND ISLAND

260

69

FOR COMPLETE COVERAGE IN THIS AREA SEE CHART 139

STERLING

HOLYOKE

BLUE 36

146

18

CURTIS

244

178

CROSIER

ALVIN

IMPERIAL

HAYES CENTER

DENVER

379

1111 I, 116 II

YOUNG

DOUGLAS

66

RED 6

HAYES CENTER

400

1116.1

McCOOK AAF

McCOOK

DACONO

20

HENDERSON

64

AKRON

YUMA

WRAY

117

BENKELMAN

335

NEB

KANS.

40°

239

261

WATKINS

15

AURORA

10

RODERICK

180

ANTON (VHF) (W)

V-108.7

ST FRANCIS

ATWOOD

+

OBERLIN

LENORA

RED 1

CONTROLLED ONLY BETWEEN 4500 AND 9500 FT. MSL.

DENVER (VHF)

W-109.1

1111 I, 116 II

334

270

COLO.

KANS.

EDDIE HUTTON

COLBY

267

81

261

FRANKTOWN

30

STAKES

FLAGLER

GOODLAND (VHF) (W)

U-108.3

GOODLAND (W)

353

MORLAND (VHF) (W)

W-109.1

CALHAN

HUGO

360

357

177

171

TO SMOKY HILL

TO PUEBLO

105°

39

104°

103°

102°

101°

ALBUQUERQUE 58 | AMARILLO 59

OVER

[redacted] COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AKRON (Int.)	368(RN)(116.1)	SBMRAZ-DTV,154°,3.6	(4); 116.1
ANTON	108.7 (AR)	VARW	
AURORA LFM	(- - -)	LFM, 155°, 9.5	Denver
DACONO FM	(. . -)	FM, 348°, 20	Denver
DENVER (Stapleton)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV;155°, 2.4	(3);131.7,116.1
[redacted]ENVER (Stapleton Airfld)	109.1(DV)(111.1) (116.1)	VAR-DTXV 211°, 9.7	(3);131.7,116.1
FRANKTOWN FM	(. . - - -)	FM, 155°, 29.6	Denver
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
WATKINS FM	(- -)	FM, 59°, 14.8	Denver
[redacted]			
GOODLAND	353 (GN)	HW-T	
GOODLAND	108.3 (GN)	VARW	
MORLAND	109.1 (MC)	VARW	
[redacted]			
→ BIG SPRINGS (Int.)			DECOMMISSIONED
CHADRON	206 (HC)(116.1)	MHTV	(4); 116.1
HAYES CENTER (Int.)	400(KB)(116.1)	SBMRAZ-DTV;64°,2.2	(4); 116.1
→ NORTH PLATTE (Lee Bird)	236(NQ)(116.1,111.1)	SBRAZ-DTV;352°,2.2	(4);116.1,122.1
SCOTTSBLUFF	341(TF)(116.1)	SBMRLZ-DTV;301°, 3.1	(4); 116.1
SIDNEY (Int.)	314(SD)(116.1)	BH-DTV;350°,0	(4); 116.1
WYOMING			
ARCHER LFM	(-)	LFM; 76°, 5.6	Cheyenne
→ CHEYENNE	326(CX)(116.1,111.1)	SBRAZ-DTV	(3);116.1,122.1
Cheyenne Airport	278(126.18,118.3)	C; 76°, 0.9	(4);118.3,126.18,122.5
EGBERT FM	(. . -)	FM, 76°, 29	Cheyenne
MEADOWS FM	(- - - -)	FM, 341°, 16.8	Cheyenne

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; [redacted]-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Akron Int,9,DV-GI	3.9 SE;RR N	4585	53 R1 L3	
* Alvin Int, 15, DV-GI	3.5 NNE	3600	40 L3	Roads S,N.
Burlington (NC)	0.5 W	4160	32	Pole line S, N.
Calhan	0.6 ESE;hwy N	6500	22 S1	80 oct.
Crosier (Greeley)	3.5 E;rd,riv S	4648	34	73, 91 oct.
Doughty's (Julesburg)	12 ESE	3600	18	PRIVATE. Use in emergency.
Flagler	0.8 S;RR N	4975	48 S1	73 oct. 20' pole line E.
Holyoke	1.8 ESE;RR NW	3720	35 S1	80 oct.
Hugo	1.5 E;RR S	5034	26 S1	80 oct.
Julesburg	2.8 SW; hwy W	3490	24 S6	80 oct.
Roderick (Lindon)	4.3 N;Riv E	4900	26 S1	73 oct.
Stakes's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct.
(P) Sterling	2.8 W;RR S	4020	37 S6	73,80 oct.
Wray	1.2 NNW;RR S	3400	30 S1	Ltd 73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). → NEW OR REVISED DATA

AIRPORTS — COLORADO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Yuma	1.4 SSE;RR N	4150	35 S6	73 oct.Poles S,SW.
(P) Young (Fort Morgan)	6 N;hwy E	4460	54 S6	73,80 oct.Rnwy data unver.
KANSAS				
Atwood	2 N;hwy W	2900	26 S1	73 oct. Data unver.
Colby	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Eddie Hutton (Brewster)	1 SE;RR N	3420	35 S2	73 oct.
(P) Goodland	2 NNE;hwy W	3689	37 S6	80,91 oct. Trees NW.
Lenora (NC)	1.2 NNW;hwy S	2325	29	
Oberlin	0.9 NW;RR SE	2684	25 S1	80 oct. Pole line SE,NE.
St. Francis	1 SSE;riv NW	3400	35 S2	80 oct.
[redacted]				
(A) Alliance AAF (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance, mun.	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
Bayard	1.3 SSW;RR N	3760	25 S2	No fuel.Poles N,E,NW,SE.
Benkleman	1.2 NNE;RR SE	2990	28 S1	80 oct.
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	Pole line E.
(P) Chadron, 15, CX-HR	4.8 W;hwy S	3312	45 R1 L3 S4	73 oct.
Chappell	3 E;RR SW	3830	26 L1 S2	80 oct. Pole line W.
Crawford	3.8 NNW;hwy E	3676	35	Poles E, W.
(A) Fort Robinson (A)	2 S;RR N	3920	18	
Gordon	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Gothenburg	Adj E;hwy S		32 S2	80 oct. Data unver.
* Hayes Center Int,21,DV-GI	3 ENE;rd S	3074	51 R1 L3	
Hay Springs	2.5 W;hwy E	3840	17 S2	80 oct. Pole line N.
Idle Acres (Potter)	11.8 N;hwy N	4550	21 S4	80 oct. Pole line W.Data unver.
Imperial	1 ESE;RR SW	3280	36 S4	80 oct.
(P) LEE BIRD (North Platte)	See North Platte under "New Airports"-name changed			
Lorenzo	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
McCook	2.2 E;RR,hwy S	2586	42 S4	80 oct. Windmill N.
(A) McCook AAF (A)	9 NNW;hwy E	2784	75h	TMP INACT NO FACS
Mitchell	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles NW.
Modisett (Rushville)(NC)	2.4 NE;RR S	3475	30	Bldgs, pole line E.
Ogallala	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Oshkosh	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE.
Schwartz-Johnson (Sidney)	1.6 SSE;RR N	4120	32 S1	73,80,91 oct. Hwy N.
(P) SCOTTSBLUFF	3.3 E;hwy S	3945	82h R1 L5 S1	80,91 oct.Lgts on req.
Seneca	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW.
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 R1 L3 S1	Ltd 73,80 oct.
Valentine (NC)	1.5 SSE;hwy E	2579	18	Not maintained.Rough.Poles NE.
SOUTH DAKOTA				
(P) Bennett Co. (Martin)	4.4 SSE;riv N	3325	30 S1	73 oct. Pole line sur fld.
Bourassa (Custer)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W,NW.
Edgemont	1.1 SW	3575	30 S2	73 oct.
(P) Hot Springs	5.5 SSE;riv N	3075	52 S2	73 oct.
Presho Mun.	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
WYOMING				
(P) CHEYENNE	1 N;lakes WNW	6156	79h R2 L6 S6	80,91 oct;73,91,100 oct Army.Poles W
East Side (Wheatland)	0.7 E;RR W	4750	23 S4	80 oct.
Hoadley (Dull Center)	9.4 NE	4176	24 S1	73,80 oct.
Lusk	2.9 E;RR S	5000	47 S1	80 oct. Poles SE.
Mondell (New Castle)	6.2 WNW;RR N	4260	36 S2	73 oct.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	80 oct. Pole line N.
(P) Torrington	3.4 S;hwy W	4350	40 S2	73,91 oct. Pwr line S,W.
Wheatland, 6, CX-GT	3.4 NNW;riv N	4648	46 L3 S6	80 oct.
NEW AIRPORTS				
Lingle (Wyo.)	1.2 N;RR S	4200	30	Poleline SE
Douglas (Akron,Colo.)	0.8 N	4400	28 S1	73 oct.
(P) NORTH PLATTE, (Nebr.)	3.2 ESE;riv SW	2779	55h R1 L5 S6	73,80,91,100 oct.

OMAHA

RADIO

IOWA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
ATLANTIC	257 (IZ)(116.1)	MHTV	(4):116.1
CALIFORNIA FM	(- - - -)	FM, 333°,18	Omaha, Nebr.
GLENWOOD FM	(- -)	FM, 146°,23.8	Omaha, Nebr.
HANCOCK FM	(-)	FM, 73°, 30.5	Omaha, Nebr.
SIOUX CITY	335 (YX)(116.1)	SBMRLZ-DTV	(3):116.1
Sioux City Arpt.	396(126.18,118.3)	AC; 337°,1.9	(4):126.18,118.3,122.5
SLOAN FM	(- -)	FM, 157°,8.8	Sioux City

KANSAS

MARSHALL (Ft. Riley)(Army)	215 (DFY)	SBMRAZ	
Marshall Field	396 (126.18)	CA; 196°,4	(3); 126.18
PHILLIP BILLARD (Topeka)	278	CI	(3)(sunrise-sunset)
TOPEKA	109.1 (PK)	VARW;211°,6	
WALDO	108.7 (LO)	VARW	

MISSOURI

TARKIO	281 (TK)(116.1)	MHVT	(4):116.1

NEBRASKA

→ GRAND ISLAND	260GD(116.1)111.8	SBMRLZ-DTV	(4);116.1,122.1
Grand Island AAF	278 (126.18)	CA(ILS);165°,1.3	(3); 126.18 (8-17)
KEARNEY (Army)	536 (DKR)	HW; 130°,5.3	
LINCOLN	385(HK)(116.1)	SBMRLZ-DTV, 170°,2.4	(4); 116.1
MEAD FM	(- - -)	FM, 252°, 28.4	Omaha
OFFUTT (Omaha)	396 (126.18)	CA	(3); 126.18
OMAHA	320OH(116.1,111.8	SBRAZ-DTV	(3);116.1,122.1
Omaha Airport	278(118.5,126.18)	C(ILS);146°,0.8	(4);126.18,122.5,118.5
→ OVERTON			DECOMMISSIONED

SOUTH DAKOTA

SIOUX FALLS	245 (YL)(116.1)	SBRAZ-DTV,93° 2.2	(4):116.1
KEARNEY AAF, NEBR.	396(126.18) +	CA	(4):126.18 (8-1630)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
OMAHA	110.3 (W)	335	135° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.90)
					MMK-	OMK-
GRAND ISL. AAF (A)	110.3 (W)	335	349° Mag.	IM- (0.08)	MM- ····· (1.00)	OM- -- (4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IOWA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Atlantic	4.6 NW,RR S	1353	21 S6	80,91 oct.
Atlantic, mun.	1.9 W,RR E	1153	33 R1 L3	Beacon 1/4 mi W.
Briggs (Fiscus)	4.2 NE,RR E	1370	21 S2	80 oct. Trees N.
Cherokee	1 S,RR W,S	1218	19 S1	80 oct.
Clarinda	0.8 SE,RR W	1060	26 S4	80 oct.
Council Bluffs	3 SE,RR S	980	37 S6	80 oct. Bldgs SW.
Denison	2.4 WSW,riv SE	1200	20 S2	80 oct. Trees SSW.
Dunlap	0.5 WNW,RR SE	1160	30 S3	80 oct. Pole line NNE.
Fuller (Milford)	0.7 NNW,hwy E	1440	36 S6	80 oct. Trees,poles E,W S.
Harlan	5 SSW,hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hart (Spencer)	1.6 S,hwy N	1100	26 S4	80 oct. Pole line NE,N.
John E. Peters (Ocheyedan)	1.5 N,hwy S	1425	24 S2	80 oct. 25' pole line S.
Liberty(Sutherland)	2.1 W SW,RR W	1465	23 S6	80 oct. 35' pole line E.
Manning	0.6 SW,RR W	1327	25 S2	73 oct.
McKisick(Rock Rapids)	3 N,riv W	1361	31 S4	80 oct. Trees W.
Missouri Valley	1.5 S,RR W	960	16 S2	80 oct.
Nicholson (Ida Grove)	1.9 WSW,RR N	1120	20 S1	80 oct.
Okoboji Airways (Spirit Lake)	2.8 SW,hwy E	1450	20 S2	80 oct. Poles NE.
Oliver Ranch (Onawa)	5 SE,hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
Randolph (NC)	1.7 NNE,RR W	1050	20	
Red Oak	1.5 W,RR E	1044	25 S2	80 oct. Pole line N.
Sheldon	5 NNE,RR W	1444	33 S6	80 oct, P-line S,W,SW,
Shenandoah	2.8 W,RR SE	950	25 L S2	80 oct. Port rnwy SE. lgts.
(A)SIOUX CITY	7 S,RR E	1097	69h R2 L5 S4	80,91 oct.;91,100 mil.
(P)Spencer	2.9 WNW,RR S	1335	40 S6	80,91 oct. acft.
Storm Lake	3.5 SW,lk NE	1460	36 S2	80 oct. Data unver.
Thorne (Moneta)	2.5 S	1410	25 S2	80 oct. Pole line,trees W
(P)Western Union (Le Mars)	1.3 SW,RR SE	1190	30 S6	80 oct. Low obst.

KANSAS

Belleville	1.6 WSW,hwy S	1520	24 S2	73 oct.
Bern	0.6 S,RR N	1300	26 S1	80 oct. Pwr line N.
Blosser(Concordia)	1 SSE,hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
(P)Clay Center	1.5 W,hwy S	1200	30 S2	80 oct. Poles S,NW.
Downs	Adj SW,RR N	1550	20 S2	80 oct. Data unver. RR NW
Elkins (Wakefield)	1 SSE,riv NE	1170	13 S1	80 oct. Poles W.
Hawk's (Atchinson)	1.3 WNW	1000	12 S1	80 oct. Poles N.RR S.
Hiawatha	1.3 WSW,RR E	1110	24 S1	80 oct. Pwr line N.
Huntoon (Topeka)	5.4 W,riv N	1000	18 S6	80 oct. Pwr line N.
Larkinburg	0.3 E ;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Lawrence	2.5 NNE,hwy S	832	32 L3 S6	80 oct. No bcn. Poles W Lgts prior req.
Manhattan	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan)	3.7 ENE,hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato	0.8 ESE,RR S	1780	22 S4	73 oct.
(A)Marshall (Ft. Riley)(A)	1.8 SE	1062	45h R2 L5 S6	73,91,100 oct. Ditch E,S
Moritz (Beloit)	1.2 NW,RR S	1420	24 S2	73 oct. Trees E.
(P)Norton	0.7 NNW,hwy E	2365	52 S3	73 oct. Pole line E,S.
PHILLIP BILLARD (Topeka)	3.5 ENE.RR S	879	42h R1 L5 S6	80,91 oct.
(P)Phillipsburg	1.5 S,RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan)	1.4 NE.RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Seneca	0.5 W,RR S	1250	24	Poles N,S.
Smith Center	1 SSW,RR NW	1806	27 S1	80 oct.
Summerfield	0.3 SSE,RR W	1450	20 S2	80 oct. Pole line N,NW.
Wood Arpk.(Clay Ctr)	3.5 N,hwy W	1260	15 S6	80 oct. No sto. P-line W.

MINNESOTA

→ McDowell (Luverne)	8 NW,hwy W	1440	25 S2	80 oct.
→ Pipestone	1 SE,RR E,W	1735	25 S6	80,91 oct. No sto.
Worthington	1.5 NNE		32 S6	80 oct Data unver

MISSOURI

Craig	0.6 NE,RR SW	875	25 S1	73 oct. Pole line WNW
Tarkio 10, KC-OH	1.2 ENE,RR W	918	40 R1 L3 S4	80 oct. Trees N.

NEBRASKA

Ainsworth, mun	7 WNW,RR S	2560	73h L5 S6	83,91 oct.
Arrow (Lincoln)	4.8 NE,hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts
Atkinson	1.4 SW,riv NE	2109	22	Trees S. Pole line E,SE, N, NW.
Auburn	2.7 E,riv SW	960	29 S6	80 oct. P-line N,NW,NE
(P)Beatrice	3.5 N,hwy E	1260	36h S4	80 oct. Twrs S,SW. Rnwy. data unver.
Blair	3 NNW,RR E	1050	24 S6	80,91 oct. Windmill NW
* Brainard Int,82,SL-OH	5.5 SW,hwy W	1640	31 L3	
Broken Bow	2 N	2400	30 S6	80 oct.
(A)Bruning AAF (A)	7.7 E,RR N	1544	68h	CLOSED
Central (Grand Island)	1.7 NE,RR S	1851	33 S6	73,80 oct. P-lines W,S.
Clay Center	1.5 E,hwy N	1800	26 S2	73 oct. N.E.
Clear Ridge (Omaha)	5.2 NW,RR N	1230	24 S6	80 oct. Pole line E.
Columbus	1.3 NE,RR S	1445	26 S6	Pole line SSE,SSW.
Crete	1 S,RR NE	1368	24 L3 S2	73 oct. Lgts prior req.
David City	1.5 N,hwy W	1640	22 S2	80 oct. Windmill E.
Eagleton (Decatur)	1 S,riv NE	1100	26 S2	73 oct. Poles NE,trees NW.
Elgin	0.8 SW,RR E	1930	16 S6	80 oct. Bldgs SE,N.

NEBRASKA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fairbury	2.5 NNE,RR, hwy SE	1316	26 L S6	80 oct. Port rnwy lgts, P-line W,NW,S.
(A)Fairmont AAF(A)	4.8 NE	1639	70h	(Geneva) CLOSED
→ Falls City	2 SSW,riv N			ABANDONED
(P)Fremont	1.4 WNW,RRs NE	1203	38h S4	80 oct. Pole line N,NE,E, SE.
(A)Grand Island AAF(A)	3.5 NE,RR W	1843	72h R2	CLOSED
(A)Harvard AAF(A)	2.5 NE	1817	76h	CLOSED
Hastings	1.5 NW,RRs N,S	1940	35 L S6	73 oct. Port rnwy lgts.
Hastings Sky Ranch	3.2 WSW,RR N	1960	30 L S6	80 oct. Port rnwy lgts
Hebron	1 S,RR W	1458	26 S4	rnwy data unver P-line & 80 oct. S appch 6:1, SW 10:1
Hewett's (Beaver City	2.5 NNE,hwy S	2300	40 S1	73 oct. Pole NNW,SSW;
Hew's (Humboldt)	4.2 NNE,RR S	1200	13	Pwr line E. bldg N.
Holdrege	2 NNE,crk S	2324	26 S4	80 oct.
Kearney	4.5 S,riv N	2145	15 S1	80 oct, Trees N,p-line E.
(A)Kearney AAF (A)	4.5 ENE,RR S	2140	73h R1 L5 S6	73,91,100 oct. No sto. JP-1
Lexington	1 W,RR S	2400	32 S5	Data unver.
(P)Lincoln	5.5 NW,RR NE	1190	71h R1 L5 S1	80,91 oct. Fld lgts prior
(P)Norfolk	3 SSW,RR W	1572	58h S4	73 oct. Riv N req.
(A)Offutt (Omaha)(A)	10 S,RR W	1046	61h R1 L5 S4	91,100 oct. No sto.
Ohlowa	3 SW	1572	20	Fence sur fld. Data unver
OMAHA	3.5 NE,lake W	982	54h R3 L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian(Cozed)	0.8 SW,RR N	2490	22 S1	80 oct. Pole line E.
Ord	1 NW		32 S2	80 oct. Data unver.
* Overton Int,69,SL-OH	4.8 E,RR S	2300	40 L3	Bldgs,trees NW;poles NE
Pender	1 NE,RR SW	1400	22 S2	73 oct. Pole line S,SE.
Schuyler	2.5 W,bet RR and hwy		25 S4	80 oct. Data unver.
(A)Scribner AAF(A)	4.1 SSE,hwy N	1315	67h	CLOSED
Steckley (Weeping Water)	3 S,RR,rd E	1260	26	Pole line N.
Tecumseh	1 W,RR NE	1115	26 S2	80 oct. Trees W;p-line N.
Union (Lincoln)	4.8 NNE,RR S	1140	18h L3 S6	80,91 oct. All lgts prior
(P)Wayne	1.8 E,RR N	1475	33 S4	80 oct. P-line NW. req.
Waverly (Lincoln)	9 NE,RR SE	1180	20	Poles SE,SSW.
West Point	1.5 E,hwy W		16 S4	80 oct. Data unver.

SOUTH DAKOTA

Anderson(Mitchell)	2.7 W,RR N	1293	29 S6	80 oct. Poles sur fld.
Chamberlain	3.4 SE,hwy N	1689	26 S2	73,80 oct. Poles N,NW.
Dell Rapids Mun.	1.6 NE,RR SE	1450	20 S1	73 oct.
Elk Point	2.4 E,riv NE	1120	26 S2	80 oct. Poles N,NW
Fletcher(Reliance)	2 SE,RR NE	1600	20 S1	80 oct.
Gregory	2.2 S,RR NE	2000	22 S2	73 oct. Pole line E,SE.
(A)Mitchell AAF (A)	4 N,hwy E	1292	67h	CLOSED
Platte	1.2 NNE,RR SW	1650	28 S1	80 oct. Poles SE, S
Rancher's & Farmer's (Reliance)	9 N,rd N,S		30 S1	73 oct. Data unver.
Rickenbacker(Stevens	1 N,riv E	1114	28 S6	80,91 oct.
SIOUX FALLS MUN.	2.5 NNW,RR E	1420	57h R1 L5 S6	80,91 oct
Vermillion	3.8 WNW,RR NE	1140	25 S4	80 oct. Poles N.
Wagner	1.3 S,RR N	1464	30 S1	73 oct. Poles E,NW.
Winner	1.3 NE,RR SW	2038	26 S6	80,91 oct.
(P)Yankton	2.3 N,hwy W	1400	37 S6	80 oct. Twr E.

NEW AIRPORTS

Hawks (Bruning)Nebr.	4 SE; hwy N	1500	26 S2	Fuel Data unverified.
Valley Nebr.	1.6 NW;RR NE	1053	22 S1	80 oct.
(P) Skrdla (Stuart, Nebr.)	7.5 S	2090	30 S1	73 oct.
Republican City, (Nebr.)	0.5 NW; RR S		30 S6	80,91 oct. Flares in emerg.
→ Falls City, (Nebr.)	1.2 NE	960	29 S2	80 oct. Data unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). → NEW OR REVISED DATA

30 OMAHA

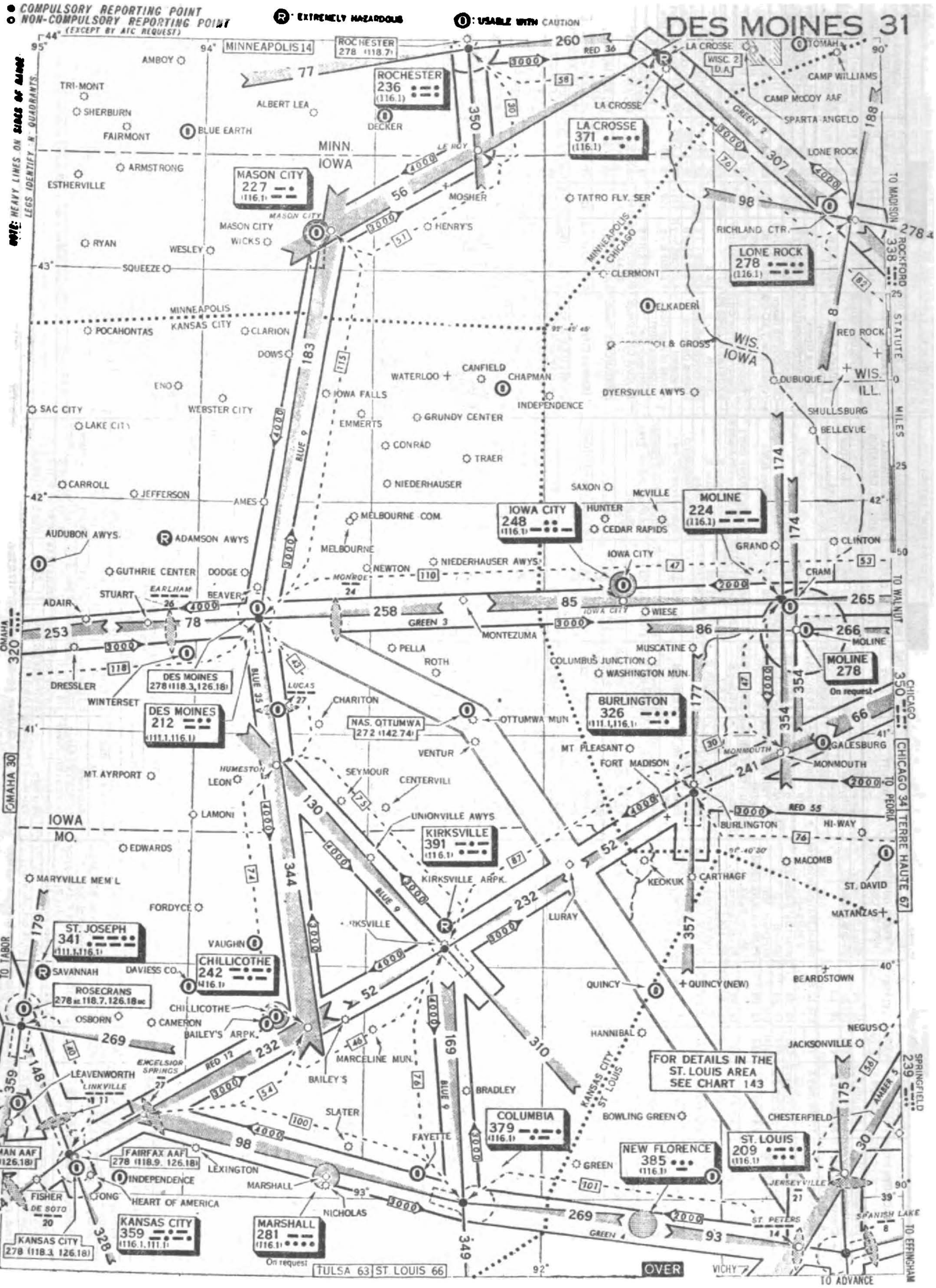
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

100° 99° 98° 97° 95°
44° 43° 42° 41°

FARGO 11
FLETCHER
RANCHER'S AND FARMER'S
CHAMBERLAIN
MITCHELL
ANDERSON
PIPESTONE
DELL RAPIDS
HURON
MINNEAPOLIS
WORTHINGTON
McDOWELL
OKOBOJI AWYS.
SIOUX FALLS 245 (116.1)
SIOUX FALLS
MINN.
IOWA
JOHN E. PETERS
FULLER
McKISICK
SHELDON
SPENCER
THORNE
HART
LIBERTY
WINNER
PLATTE
GREGORY
MINNEAPOLIS DENVER
S. DAK.
WAGNER
NEB.
YANKTON
VERMILLION
WESTERN UNION COL
CHEROKEE
ELK POINT
RICKENBACKER
SIOUX CITY 396 (118.3, 126.18)
STORM LAKE
SIOUX CITY 335 (116.1)
NICHOLSON
SLOAN
WAYNE
PENDER
OLIVER RANCH
DENISON
EAGLETON
AINSWORTH MUN.
SKROLA
ATKIN
KANSAS CITY
ELGIN
NORFOLK
CALIFORNIA
DUNLAP
MANNING
BRIGGS
WESTPOINT
MISSOURI VALLEY
HARLAN
ATLANTIC MUN
ATLANTIC
OMAHA 320 (111.1, 116.1)
SCRIBNER AAF
FREMONT
CLEAR RIDGE
BLAIR
SCHUYLER
COLUMBUS
DAVID CITY
VALLEY
CHEYENNE 27
+ORD
BROKEN BOW
GRAND ISLAND 260 (111.1, 116.1)
KEARNEY AAF (W) 536
KEARNEY AAF 396 (126.18)
COUNCIL BLUFFS
ATLANTIC 257 (116.1)
MEAD
WESTON
BRAINARD
OMAHA 278 (118.5, 126.18)
GLENWOOD
RED OAK
NORTH PLATTE 236
100TH MERIDIAN
LEXINGTON
OVERTON
CENTRAL
GRAND IS AAF 278 (126.18)
LINCOLN 385 (116.1)
WAVERLY
LINCOLN
UNION
ARROW
OFFUTT AAF 396 (126.18)
TABOR
SHENANDOAH
CLARINDA
HAYS CENTER 400
TO CURTIS
KEARNEY
HASTINGS SKY RANCH
HARVARD AAF
CLAY CENTER
FAIRMONT AAF
CRETE
IOWA
MO.
TARKIO
HOLDREDGE
HASTINGS
OHIOWA
HAWKS
BRUNING
BEATRICE
AUBURN
TECUMSEH
On request
TARKIO 281 (116.1)
HEWS
FALLS CITY
CRAIG
IMPERIAL
IMPERIAL MUN
IMPERIAL
HEWETTS
REPUBLICAN CITY
FAIRBURY
HEBRON
NEB.
KANS.
SUMMERFIELD
BERN
NORTON
PHILLIPSBURG
SMITH CENTER
MANKATO
BELLEVILLE
SENECA
HIAWATHA
MARSHALL AAF 215
ST JOSEPH 341
WOOD AIRPARK
TOPEKA (VHF)(W) W-109.1
HAWK'S
BLOSSER
CLAY CENTER
KANS. 3 D.A.
LARKINBURG
WALDO (VHF)(W) V-108.7
DOWNS
MORITZ
MARSHALL AAF 396 (126.18)
MANHATTAN
PHILLIP BILLARD 278
SALINA (VHF) U-108.3
SMOKY HILL AAF
ELKINS
MANKAN
POTTAWATOMIE
RED 1
BLUE
YELLOW
HUNTOON
LAWRENCE
TULSA 63
AMARILLO 59
WICHITA 62
CONTROLLED ONLY BETWEEN 0500 AND 0500 N.S.T.
TO KANSAS CITY
DES MOINES


● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
DES MOINES 31
NOTE: HEAVY LINES ON SIDES OF CHART LEGS IDENTIFY 'N' QUADRANTS
MINNEAPOLIS 14
ROCHESTER 278 (118.7)
ROCHESTER 236 (116.1)
LA CROSSE 371 (116.1)
MASON CITY 227 (116.1)
DES MOINES 278 (118.3, 126.18)
DES MOINES 212 (111.1, 116.1)
LONE ROCK 278 (116.1)
MOLINE 224 (116.1)
IOWA CITY 248 (116.1)
MOLINE 278 On request
BURLINGTON 326 (111.1, 116.1)
KIRKSVILLE 391 (116.1)
COLUMBIA 379 (116.1)
NEW FLORENCE 385 (116.1)
ST. LOUIS 209 (116.1)
ST. JOSEPH 341 (111.1, 116.1)
CHILLICOTHE 242 (116.1)
KANSAS CITY 359 (116.1, 111.1)
KANSAS CITY 278 (118.3, 126.18)
MARSHALL 281 (116.1) On request
ROSECRANS 278 (118.7, 126.18)
SHERMAN AAF 396 (126.18)
FAIRFAX AAF 278 (118.9, 126.18)
NAS. OTTUMWA 272 (142.74)
SPRINGFIELD 239
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143
TULSA 63 | ST LOUIS 66
OVER

DES MOINES

ILLINOIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Beardstown	1.5 SE;RR N,W		18 S2	80 oct.Data unver.
Carthage	1.5 SSW;RR E	685	24 S6	80 oct. P-line E.
* Chesterfield Int, 4, LS-CG	3 ENE;hwy N	612	26 L3	
Galesburg	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req E blocked.
Hi-Way (Fiatt)	1.3 WNW;hwy S	665	20 S4	80 oct.35' p-line S,E.
Jacksonville	3.9 S;hwy E	650	19 S4	80 oct.
JERSEYVILLE FM	(-)	355°,21	FM	St. Louis, Mo.
Macomb	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blckd. P-line E, SE.
Matanzas(Havana)	4 S;riv W	480	24 S2	80 oct.Data unver.
MOLINE Range	224(MO) (116.1)	142°,12	SBRAZ-DTV	(4); 116.1
MOLINE ML Fac.	278	86°,2.3	ML	3105 (on req.)
(P) [Moline]	4 S;hwy E,N	590	40h R1 L6 S6	73,80,91 oct;100 oct for Army. Poles NW.
Monmouth	1.5 NNE;rd E	770	31 L1 S6	80 oct.P-line E,W,S.
Negus(Alexander)	2.8 WNW;RR SE	645	22	PRIVATE.
(P) Quincy	2.8 SE;hwy E	650	26 S6	80,91 oct.E blckd.P-line SE,S,SW.
Quincy, new	9.5 E	760	54h	Data unver.
St. David	1.5 SW;RR N	628	22 S2	80 oct.200'stack NE.

IOWA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Adair	1.5 SSE;RRNW	1350	18 S1	Ltd 73 oct.Trees S.
Adamson Arwys	4.8 WSW;hwy N	1000	17 S6	80 oct. (Perry)
Ames	2.5 SSW;RRNW	920	25 S6	80 oct.Lgt acft only.
Armstrong	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct.Trees E.
Audubon Arwys.	1 SSE;RR W	1300	15 S1	80 oct. (Audubon)
Beaver(Des Moines)	3.4 NW	900	25 S6	80 oct.
Bellevue	3 N;RR W	652	19 S1	80 oct.
BURLINGTON Range	326(BNT)(161,111.1)	357°,19	SBRAZ-DTV	(4);116.1,122.1
(P) [Burlington]	1.7 SSW;hwy E	698	54h R1 L5 S6	80,91,100 oct.
Canfield(Waterloo)	3.5 NW;RR NE	800	32 S6	87 oct.P-line N.
Carroll	4.2 ESE;RR N	1196	34 S2	80 oct.
(P) Cedar Rapids	6.7 SSW;RR E	860	55h L5 S1	80, 91 oct.
Centerville	3.5 SSW;RR N	1017	25 S2	80 oct.Use strips only.
Chapman(Waterloo)	5 E;RR NW	870	33 S6	80 oct. P-lines S.
Chariton C.A.P.	2.3 NNE;RR SE	1050	16 S1	80 oct.
Clarion	1.1 NW	1162	27 S6	80 oct.
Clermont	0.8 S;riv W	800	21 S6	80 oct.P-line SE,NE.
Clinton	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy
Columbus Junction	3 N;RR E	580	28 S2	80 oct.P-line N,E. lgts.
Conrad	3 WNW;RR S	1000	23 S2	80 oct.27' bldg E.
Cram (Davenport)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
Creston Arwys (NC)	1.6 NE;RR W	1320		UNUSABLE.
DES MOINES Range	228(DM)(161,111.1)	344°,2	SBRAZ-DTV	(3); 116.1,122.1
DES MOINES Tower	278(126.18, 118.3)		C	(4); 126.18,122.5,118.3
(A) [Des Moines]	4.5 SSW;RR W	950	57h R2 L5 S4	80,91,100 oct.ARMY TMP INACT.CIVIL
Dodge (Grimes)	3.5 E;hwy,RR E	835	27 S6	80 oct. FACS
Dows	1.5 SSE;RR NE	1144	26 S2	80 oct.
Dressler(Anita)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
(P) Dubuque	1.9 NE;riv E	602	27 S6	80 oct.Poles SE,NW.
Dyersville Arwys.	0.8 S;RR NE	940	16 S1	80 oct.Pwr lines NW,NE
EARLHAM FM	(- - - -)	258°,26.3	FM	Des Moines
Elkader	1.1 ESE;RR S	915	17 S2	80 oct.P-line NW.
Elliot Flying Svc.	Adj S.	550	Unl. S1	80 oct.(Davenport) (NC)
(P) Emmerts(Eldora)	2.8 NE;lake SW	1000	32 S6	80 oct.Poles NW,SE
Eno (Fort Dodge)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville	3.5 E;hwy S	1298	35 L S6	80 oct.Port rnwy lgts. Poles SE,SW.
Fort Madison	1.5 N;RR W		27 S4	80 oct.Ltd sto.Data unver.
Goodrich & Gross (Strawberry Pt.)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct.
Grand (Grand Mnd.)	1.2 SW;RR N	770	20 S2	80 oct.
Grundy Center	1.3 ENE;RR S	990	18 S1	80 oct. P-line S.
Guthrie Center	0.5 NW;riv E	1074	21 S1	80 oct.
Henry's(Floyd)	5 NNE;RR W	1110	14 S1	80 oct.Poles ENE Steep sloped strips.
(P) Hunter(Cedar Rapids)	3 S; riv N	732	27 L3 S6	80,91 oct.Fld lgts prior req. Poles S, E.
Independence	4.1 W;RR E	990	23 S2	80 oct.Poles N.
IOWA CITY Range	248(IX)(116.1)		BHTV	(4); 116.1
(P) [Iowa City]	1.7 SW;riv E	650	43h R1 L1 S6	80,91 oct. No sto.
Iowa Falls	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson	0.8 NNW;RR S	1052	23 S6	80 oct.No sto.P-line N.
Keokuk	4.6 NNW;riv E	670	28 S1	Ltd 80 oct.
Lake City	3.5 NNE;RR S	1200	26 S1	80 oct.
* Lamoni Int,10,KC-MP	3 WNW;RR NE	1163	37 L3	
Leon	4.1 N;RR SE	1050	20 S2	80 oct.
LUCAS FM	(- - -)	164°,27.2	FM	Des Moines
McVille(Mechanicsville)	3.2 WNW;RR S	850	30 S6	80 oct.Poles S,W
MASON CITY MH Fac.	227(NM)(116.1)		MHTV	(4);116.1 (Oper.cont.)
(P) [Mason City]	7 W;hwy S	1215	56h R1 L5 S6	80,91,100 oct.Poles SSE
Melbourne	1.5 S.W	1000	20 S1	80 oct. Poles N.
Melbourne, com.	0.3 S;RR E	1000	21 S2	80 oct.P-line E.
MONROE FM	(- -)	78°,23.5	FM	Des Moines
MONTEZUMA				DECOMMISSIONED.
* Montezuma Int,17, OB-CG	3 E;hwy N	953	32 L3	Poles,trees SW.Pwr line N.
Mosher(Riceville)	1 W;hwy S	1263		80 oct.P-line S.Data un-
Mt.Ayrport(Mt.Ayr)	6.6 N;RR N	1100	21 S1	Ltd 80 oct.Poles ver. N, NE.
Mt. Pleasant	2.6 ESE;RR N	727	19 S2	80 oct.
(P) Muscatine	6 SW;RR SE	546	36 L3 S6	80 oct.
Newton	1.5 ENE;hwy S	950	19 S1	80 oct.
Niederhauser	2.3 N;hwy E	890	30 S6	80 oct. (Marshalltown)
Niederhauser Arwys (Grinnell)	4.5 E	1000	26 S2	80 oct.
OTTUMWA Tower	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (N)	6.4 NNW	841	52h R1 L5 S6	73,100 oct.
Ottumwa	3.6 N;hwy W,S	830	32 S6	80, 91 oct.
Pella	3.5 SE;RR N	877	24 S6	80 oct.
Pocahontas	0.8 E	1216	25	Pole line SW.
Roth (Oskaloosa)	2.5 SE;RR NE	850	20 S2	80 oct.Trees sur fld.
Ryan(Emmetsburg)	1.3 W;RR N	1225	18 S2	80 oct. Trees NW.
Sac City	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids)	7 NE;hwy S	890	31 S6	80 oct.Trees E,SE.
Seymour	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Squeeze (Algona)	5 S;riv S	1201	26 S2	80 oct.P-line NW,W.
* Stuart Int,8,OH-OG	3.5 SE;rd E	1189	31 L3	P-line NE,E.
Tatro Flying Svc.	2.6 NW;riv W	918	26 S2	80 oct. (Decorah)
Traer	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Venture (Ottumwa)	2.8 SSE;RR W	800	13 S6	80 oct.P-line N,W,NE.
Washington	1.5 SSE;RR NE	769	26 S6	80 oct.
(P) Waterloo	4 NW;RR S,E		54h L5 S1	80,91 oct.Data unver. No flood lgts.
Webster City	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley	1.5 E;RR N	1250	31 S1	80 oct.P-line N,S.
Wicks (Garner)	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW,SW.
Wiese Fly. Svc. (Lone Tree)	3.4 NE		26 S2	80 oct.Hi-line N.Data unver.
Winterset	2 W;RR E	1130	21 S4	80 oct.Fence each end rnwy.

KANSAS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
FAIRFAX Tower	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
(A) Fairfax (Kansas City) (A)	3 NE;RR E	742	65h R1 L5 S4	91, 100 oct.
Fisher(Edwardsv'l)	1 ESE;RR N	770	26 S6	80 oct.
Leavenworth Lecompton	3.6 WSW;RR E	1125	14 S4	80 oct. No sto.Trees, bldg S.
SHERMAN Tower	396(126.18)+		CA	(3);126.18 cont.except Sun. (23-7)
(A) Sherman (Fort Leavenworth)(A)	1 NNE;RR W	771	60 R1 L5 S4	73,91,100 oct.

MINNESOTA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Lea	2.3 N;RR E	1255	32 S6	80 oct.No sto.P-line N
Amboy	1 NNE;RR W	1000	24 S2	80 oct.
Blue Earth	3S;RR E	1111	26 S1	80 oct.Flares on req.
Decker (Austin)	1.7 E;hwy N	1224	29 S6	80 oct.No sto.N,S,W blocked.
Fairmont	3.1 S;hwy W	1190	25 S1	80 oct.P-line W.Flares
ROCHESTER Range	236(RR) (116.1)	350°,2.6	BMRLZ-DTV	(3); 116.1 on req
ROCHESTER Tower [Rochester]	278 (118.7)		C	(4) ;118.7,122.5
	1.7 SSE;RR W	1040	43h R2 L4 S6	80,91 oct.P-line E,N.
Sherburn	2 WNW;RR S,E	1300	21 S2	80 oct.Pwrline ESE.
Tri-Mont (Triumph)	0.8 S;RR W,E	1250	22	

MISSOURI

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS, FREQS GUARDED, HRS. OF OPERATION
Bailey's(Brookfield)	2 WSW;RR N	800	26 S2	80 oct.Pwrline SE. Poles E,SE;NW blckd
Bailey's Arpk. (Chillicothe)	2 SSE;RR W	675	32 S6	80 oct.Poles S,
Bowling Green	1.6 NW;RR E	882	25 S2	80 oct.Poles S,pwrline
(P) Bradley(Moberly)	3 NNE;hwy W	865	37h S6	80 oct.Obsts. SE.
Cameron	2 E;RR NW	1050	21 S4	80 oct.Poles N,W,NNW
CHILLICOTHE Range	242(CK)(116.1)		MHTV	(4); 116.1
Chillicothe,7,KC-CG	3 ESE;RR N, SW	780	25h R1 L3	P-line S,trees SW 4000' strip avail.
Daviess Co.	1.1 W;RR N	930	16 S1	80 oct. Pole N.
Edwards(Grant City)	1.2 ENE;RR W	920	17 S1	Ltd 80 oct.
EXCELSIOR SPGS FM	(-)	52°,27	FM	Kansas City
Fayette	1.5 S	660	28 S2	80 oct.Data unver.
Fordyce(Bethany)	4.8 ESE	1050	22 S2	80 oct. RR WNW
Green (Mexico)	4.3 ESE;RR S	815	36 L S6	80 oct.Port rnwy lgts.
Hannibal	4.3 WNW;hwy N	735	26 L S6	80 oct.P-line SW.Port
Heart of America (Kansas City)	4 E;RR E	759	23 S6	80 oct. rnwy lgts. Poles,trees S.
Independence	5.8 ESE;RR S	825	23 S6	80 oct.Poles S.
KANSAS CITY Range	359(KC) (116.1, 111.1)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower [Kansas City]	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3, 122.5
	2.5 NW;riv W,S	739	52h R3 L6 S6	80,91,100 oct.Poles E. dike W. Flood lgts
KIRKSVILLE Range	391(KR) (116.1)	333°,0.9	BMRLZ-DTV	(4);116.1 inop.
Kirksville Arpk.	Adj SE	927	26	Clsd for winter.
Kirksville,12,KC-CG	7 SE;hwy NE	970	39h R1 L3 S6	80, 91 oct.
Lexington	3 WNW;RR NW	650	33 S6	73 oct.P-line S,W,SW
LINKVILLE FM	(- - - -)	328°,11.4	FM	Kansas City
* Luray Int,16,KC-CG	1.9 ESE;hwy N	727	26 L3	
Marceline	1.5 N;RR SE	855	20 S1	80 oct.P-line NNE
MARSHALL MH Fac.	281(MH)(116.1)		MHTV	(4); 116.1
* Marshall Int,7,KC-LS	1.8 S;hwy E	800	39 R1 L3 S2	80 oct Silo NE corner
(P) Maryville Mun.	2.2 WNW;RR N	1154	25 S6	80,91 oct.
Nicholas(Marshall)	3.8 S;hwy W	770	26 S4	80 oct.Pwr line S.
* Osborn Int,4,KC-MP	1.5 NW;hwy S	1048	32 L3	
ROSECRANS Tower	278 (126.18, 118.7)		C	(4); 126.18,118.7,122.5
(P) [Rosecrans](St. Joseph)	4 NW;riv S	821	60h R2 L5 S4	80,91,100 oct.Fld lgts prior req.
ST.JOSEPH Range (Rosecrans)	341(ZJ)(116.1, 111.1)	359°, 3.7	SMBRLZ-, DTV	(3) : 116.1, 122.1
Savannah	1.3 E;RR W			ABANDONED
Slater	0.8 NW;hwy SE	850	26	P-line adj N.
Unionville Arwys	1.5 ESE;hwy NE	1100	24 S2	80 oct.P-line N.
Vaughn(Trenton)	1.2 NNW;RR E	790	26	

WISCONSIN

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
(A) Camp McCoy (A)	2.6 E Sparta	830	38h	RR W
(P) Camp Williams (Camp Douglas)	1 N;RR SW	915	45h S2	No fuel.Rnwy data unver.Obsts SE,S Clsd
LA CROSSE Range	371(LE)(116.1)	127°,1.8	SBRAZ-DTV	(4);116.1 winter.
(P) La Crosse	5 NNW;bet rivs	653	53h L5 S4	80,91 oct.
* La Crosse Int,23A, CG-Twin Cities	8 NNW;RR NE	667	37 R1 L3	Pole E.
LONE ROCK Range	278(LK)(116.1)	98°,0	BMLZ-DTV	(4); 116.1
* Lone Rock Int, 15, CG-Twin Cities	2 N;rd W,N	714	39 R1 L3 S2	Ltd 80 oct.P-line NE.
Red Rock(Darlington)	5 SE;RR E		12 S1	80 oct.Data unver.
Richland Center	6 SSE;hwy W		23 S1	80 oct.Trees E,S.Data
Shullsburg	0.5 S	1000	18 S1	80 oct.Trees unver. SW. Data unver.
Sparta-Angelo	2.2 NE;RR E	800	25 S1	80 oct.Poles sur fld.
Tomah	1 E;RR N	970	18 S1	73 oct.180'hill E.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
KANSAS CITY	109.9 (W)	333.8	173° Mag.	IM- ·····(0.01)	MM- OM- --(4.65)
				MMK-221-·-·(2.6	OMK-248-·-(11)
				IM-	MM- OM-
				MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 118.1, 137.86, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 11)

-·- NEW OR REVISED DATA. (NC)-Not charted. [ ]ones] Airline Stop

RADIO — ILLINOIS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
BRADFORD (Int.)	382 (MQ)	MHT	(4)
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV,152°,2.2	(3); 116.1
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
GLENVIEW (Navy)	269 (NBU)	BMLZ-DT	(3); 140.58, 142.74
Glenview NAS	236(142.74, 140.58)	CN, 140°, 3	(3); 140.58; 3117.5 on req.
HARVEY (Rubinkam)	385 (GH)	MLWZ, 90°, 2.2	
JOLIET	257 (JO)(116.1)	SBRAZ-DTV,126°,3.7	(4); 116.1
NEWARK FM	(- - -)	FM, 246°, 49	Chicago
PEORIA	356 (PI)	SBMRAZ-DT,178°,2.3	(4)
ROCKFORD (Machesney)	338(RD)(116.1)	SBRAZ-DTV,45°,1.7	(4); 116.1
[redacted]			
LOWELL FM	(. - - -)	FM, 153°, 40	Chicago
McCOOL (Int.)	356(ML)	MHW	(Cont.)
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
[redacted]			
GENERAL MITCHELL (Milwaukee)	378 (118.5)	C; 352°, 2.5	(4); 116.5,122.5
GENESEE FM	(- - -)	FM, 270°, 25.3	Milwaukee
KENOSHA FM	(- -)	FM, 178°, 24.7	Milwaukee
MADISON (Truax)	400(MA)(116.1)	BMLZ-DTV,314°, 3.6	(4); 116.1
MILWAUKEE (General Mitchell)	342(MKY)(116.1)	SBRAZ-DTV	(3); 116.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

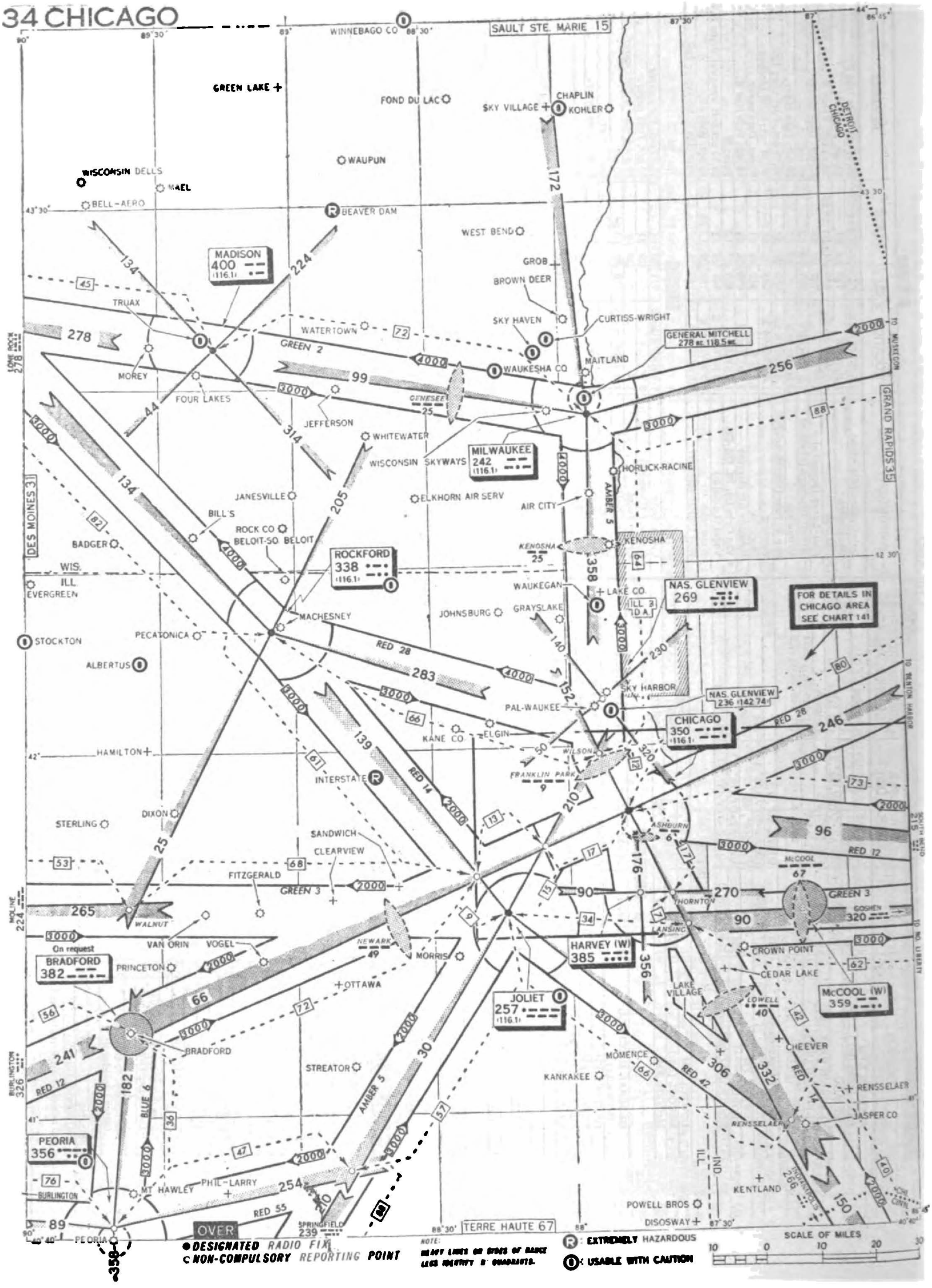
AIRPORTS — ILLINOIS

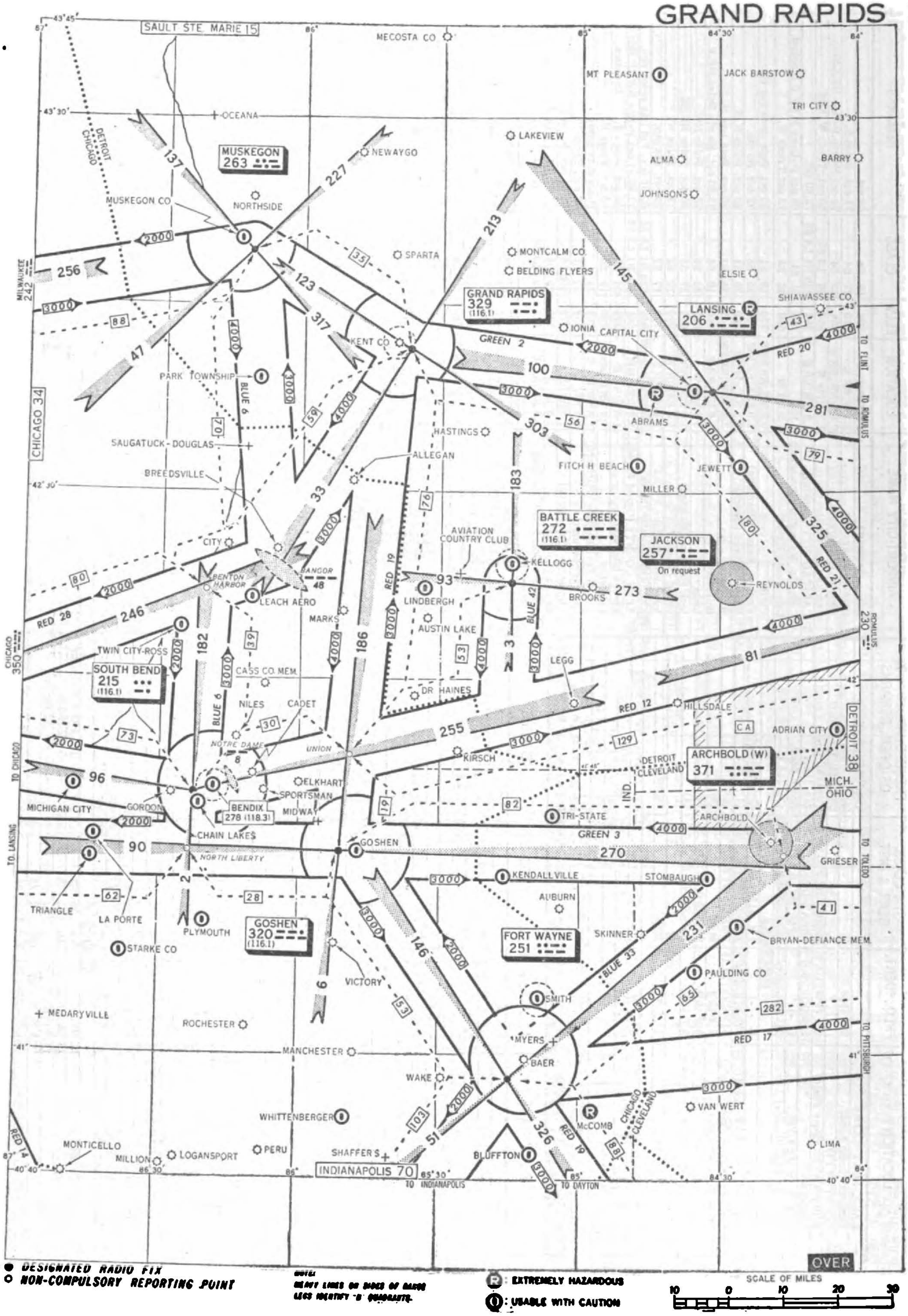
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Albertus (Freeport)	3.8SE,RRS,W	740	26 S6	73,80 oct.
(P)Beloit-S.Beloit (S. Beloit)	1 S; RR E	772	33 S6	80,91 oct. Hill NE.
* Bradford Int,29, KC-CG	4.5 NNE	795	26 R1 L3 S1	80 oct. Pole line SW, NE.
Clearview (Earlville)	3 E; hwy S		18 S1	80 oct. Data unver.
Dixon	1.9 ESE,RR S	786	30 L1 S6	80,91 oct. Appchs blocked except E
Elgin	2.2 N; hwy W	770	24h S1	80, 91 oct. and N half W bndry.
Evergreen (Warren)	1.4 SSE; hwy W	1000	26 S4	80 oct. Trees W.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
(N)Glenview NAS (N)	1.6 NW;RR W,E	654	63h R2 L3 S6	91,100 oct. No sto.
Grayslake	1.1 ENE;rd W	791	26	Trees W,S,E
Interstate (De Kalb)	1.8 E;RR W	900	42h	
Johnsburg Airpark	0.4 SSW;riv S	740	20 S4	80 oct.
Kane County (Elgin)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
Kankakee	3.2 WSW;hwy E	625	26 S4	73,80 oct. Use strips only. Ditch N.
Kiswaukee (Sycamore) (NC)	2.1 SW; rd E	830	18	
Lake County (Waukegan)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
Machesney, 7, CG-Twin Cities (Rockford)	6 NNE;riv NW	735	29 R1 L3 S6	73,80 oct. E,S blkd. P-line SE
Momence	3.5 SW;riv NW,N	645	23 S2	80 oct. Trees N,NW,NE.
Morris	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.
Mt. Hawley (Peoria)	6.4 N;rds E,S	700	28 S6	80 oct. Pole line S,E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). ➔ NEW OR REVISED DATA

ILLINOIS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Pal-Waukee (Glenview)	5.5 WNW;RR S	642	26 L3 S6	80,91 oct. Pole line N.
Pecatonica	1 N;hwy E	750	24 S1	73 oct. Poles E.
(P)PEORIA	4.8 WSW;rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
Phil-Larry (Roanoke)	4 W	747	23 S6	80 oct. Data unver.
➔ Powell Brothers (Sheldon)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton	3 N; creek N		18 S2	80 oct. Data unver.
Sky Harbor (Northbrook)	1.6 NW;RR SE	680	26 S6	80,91 oct. Port rnwy lgts.
Sterling	1.4 NW;hwy E	645	25 S6	80,91 oct. E,SE blocked.
Stockton	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Service	2 ENE;hwy S	650	26 S4	80 oct. Pole line E.
* Van Orin Int, 34, OH-CG	1 ENE;RR S	828	33 L3	Poles W.
Vogel (La Salle)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N,W
Waukegan	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Will County (Steger)	0.5 S;RR W	740	15 S6	Pole line S. No sto or fuel.
[redacted]				
Cedar Lake	1.5 NNW;lake E	751	28 S4	73,80 oct. Data unver.
Cheever (Demotte)	3 W		29 S1	80 oct. Data unver.
Crown Point	1 N		30 S6	80 oct. P-line E. Data unver.
➔ Jasper Co. (Rensselaer)	1.5 WNW;hwy S	676	32 L3 S4	80 oct
Kentland	6 ENE		19	Data unver.
Lake Village	1 NW;hwy S	650	22 S2	80 oct. Data unver.
Rensselaer	10 NE		18	Data unver.
[redacted]				
Air City (Sturtevant)	0.6 SE;RR E	633	25 S4	80 oct. Pole line NW.
Badger (Monroe)	1.8 SW;RR N	1080	20 S1	80 oct.
➔ Beaver Dam Inc.	2 N;lake W			ABANDONED
Bell-Aero Service (Baraboo)	4 NNW;hwy W	980	21 S4	80 oct.
Bill's (Broadhead)	1.8 S;riv S,W	780	23 S1	80 oct.
Brown Deer (Milwaukee)	10 NNW;RR E	681	25 S6	80 oct. Pole lines N;trees SE.
Chaplin Arpk (Plymouth)	0.5 N;RR W		22 S2	80 oct. Data unver.
Curtis-Wright (Milwaukee)	9 NW;riv SW	750	30 S6	80,91 oct. Rnwy data unver.
Elkhorn Air Service	1.5 N;hwy E	1000	13 S1	80 oct. Rough and rolling.
Fond du Lac	2.6 ENE;lake WNW	769	26 S2	80 oct. 50' hi-line N.
(P)Four Lakes (Madison)	3 SSE;lake N	881	30 S6	80 oct. Obst lgts prior req.
(P)GENERAL MITCHELL (Milwaukee)	6 S;RR E	676	50h R2 L4 S6	80,91,100 oct.
Grob (Cedarburg)	2 N	875	24 S4	Data unver.
Horlick-Racine (Racine)	2 N;RRs E,W	665	25h L1 S6	80,91 oct. Trees N,SE.
Janesville City (Janesville)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE;p-line SE.
Jefferson	1.7 WSW;RR E	800	13	Pole line N.
Kenosha	2 S; RR W	623	29 L S6	80,91 oct. Flood lgts.
(P)Kohler	1 N;hwy S	647	30 L1 S6	80 oct. Obsts sur fld.
Mael (Portage)	1.6 NW;lake SE	820	26 S6	80 oct. Obsts sur fld.
Maitland (Milwaukee)	3 ESE; RR W	590	25 S6	73,80,91 oct. Stack S.
Morey (Madison)	9 WNW;hwy E	928	34 S6	80 oct. 30' pole line S.
(P)Rock County (Janesville)	4.5 SSW;RR W	807	54h L5 S2	80,91 oct.
Skyhaven (Milwaukee)	10.5 WNW	800	26 S1	80 oct. Pole line N;trees E,S.
Sky Village (Plymouth)	1.8 WNW	900	18 S1	80 oct. Data unver.
(A)TRUAX (Madison)	5 NE;hwy E	859	60h R1 L5 S6	80,91 oct. ARMY TMP INACT: CIVIL FACS
Watertown	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukesha County	1.8 N;rd jct NW	904	31 S6	80,91 oct. Pole line S.
Waupun	3.5 W;RR E	912	14 S1	80 oct.
West Bend Flying Service (West Bend)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.
Whitewater	2 N;RR S	810	22 S5	80 oct. P-line E,ENE;ridge E.
(P)Winnebago Co. (Oshkosh)	2 SSW;RR NE	776	50h L1 S4	80,91 oct. No sto. P-line NE,N,W Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton)	0.8 SE;riv NW	910	24 S6	80 oct. 2 hills SW;trees,pole line NW,NE,SE.
Wisc. Skyways(Hales Corner)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
NEW AIRPORTS				
Ottawa (Ill.)	Adj NW		22 S2	80,91 oct. Data unver.
Disosway Sheldon (Ill)	5.8 SW; RR W		26 S2	73, 80 oct Data unverified
Green Lake (Wisc)	4 W, hwy S	990	22 S1	80 oct. Data unver.
Sandwich, (Ill.)	1 W;RR N		18 S4	80 oct. Data unver.
➔ Beaver Dam, (Wisc.)	1.7 W;lake N,E	910	20 S4	80 oct. Data unver.
Hamilton Arpt, (Polo,Ill)	2.3 NE	795	25 S3	80 oct. P-line N,E blkd.


SAULT STE. MARIE 15
WINNEBAGO CO
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
DETROIT
CHICAGO
WAUPUN
WISCONSIN DELLS
MAEL
BELL-AERO
BEAVER DAM
WEST BEND
GROB
BROWN DEER
MADISON
400
(116.1)
TRUAX
WATERTOWN
SKY HAVEN
CURTISS-WRIGHT
GENERAL MITCHELL
278 ac 118.5 mc
MAITLAND
WAUKESHA CO
MOREY
FOUR LAKES
GENESEE
25
JEFFERSON
WHITEWATER
WISCONSIN SKYWAYS
MILWAUKEE
242
(116.1)
HORLICK-RACINE
JANESVILLE
ELKHORN AIR SERV
AIR CITY
BILL'S
ROCK CO
BELOIT-SO. BELOIT
BADGER
KENOSHA
WIS.
ILL.
EVERGREEN
ROCKFORD
338
(116.1)
WAUKEGAN
LAKE CO.
NAS. GLENVIEW
269
FOR DETAILS IN CHICAGO AREA SEE CHART 141
MACHESNEY
JOHNSBURG
GRAYSLAKE
STOCKTON
PECATONICA
ALBERTUS
SKY HARBOR
NAS. GLENVIEW
236 (142.74)
PAL-WAUKEE
CHICAGO
350
(116.1)
KANE CO.
ELGIN
HAMILTON
WILSON
FRANKLIN PARK
INTERSTATE
DIXON
STERLING
SANDWICH
CLEARVIEW
FITZGERALD
ASHBURN
McCOOL
67
THORNTON
LANSING
HARVEY (W)
385
CROWN POINT
CEDAR LAKE
LAKE VILLAGE
LOWELL
McCOOL (W)
359
WALNUT
VAN ORIN
VOGEL
NEWARK
49
MORRIS
PRINCETON
On request
BRADFORD
382
OTTAWA
JOLIET
257
(116.1)
BRADFORD
STREATOR
MOMENCE
KANKAKEE
CHEEVER
RENSSELAER
JASPER CO
PEORIA
356
MT. HAWLEY
PHIL-LARRY
BURLINGTON
POWELL BROS.
DISOSWAY
KENTLAND
SPRINGFIELD
239
PEORIA
TERRE HAUTE 67
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLOCK LESS IDENTIFY B' OBSOLETE.
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30


SAULT STE. MARIE 15
MECOSTA CO
MT PLEASANT
JACK BARSTOW
TRI CITY
OCEANA
LAKEVIEW
MUSKEGON 263
NEWAYGO
ALMA
BARRY
JOHNSONS
MUSKEGON CO
NORTHSIDE
DETROIT CHICAGO
137
227
213
145
SPARTA
MONTCALM CO
BELDING FLYERS
GRAND RAPIDS 329 (116.1)
LANSING 206
SHIAWASSEE CO.
IONIA CAPITAL CITY
KENT CO
GREEN 2
RED 20
TO FLINT
TO ROMULUS
256
123
317
47
100
281
PARK TOWNSHIP
BLUE 6
ABRAMS
HASTINGS
303
183
SAUGATUCK-DOUGLAS
ALLEGAN
FITCH H. BEACH
JEWETT
BREEDSVILLE
MILLER
33
BATTLE CREEK 272 (116.1)
JACKSON 257 On request
AVIATION COUNTRY CLUB
KELLOGG
REYNOLDS
325
RED 21
CITY
BENTON HARBOR
BANGOR
48
LEACH AERO
LINDBERGH
BROOKS
273
93
RED 28
246
MARKS
AUSTIN LAKE
TWIN CITY-ROSS
SOUTH BEND 215 (116.1)
CASS CO. MEM.
DR. HAINES
LEGG
81
182
186
NILES
CADET
RED 12
HILLSDALE
ADRIAN CITY
DETROIT 38
255
NOTRE DAME
UNION
KIRSCH
DETROIT CLEVELAND
ARCHBOLD (W) 371
MICH. OHIO
IND.
96
ELKHART
SPORTSMAN
MIDWAY
BENDIX 278 (118.3)
MICHIGAN CITY
GORDON
CHAIN LAKES
TRI-STATE
ARCHBOLD
GREEN 3
90
GOSHEN
270
GRIESER
NORTH LIBERTY
KENDALLVILLE
STOMBAUGH
AUBURN
TRIANGLE
LA PORTE
PLYMOUTH
GOSHEN 320 (116.1)
FORT WAYNE 251
SKINNER
231
BRYAN-DEFIANCE MEM.
STARKE CO
VICTORY
146
BLUE 33
PAULDING CO
SMITH
MEDARYVILLE
ROCHESTER
MYERS
BAER
RED 17
MANCHESTER
WAKE
VAN WERT
WHITTENBERGER
McCOMB
CHICAGO CLEVELAND
RED 14
MONTICELLO
MILLION
LOGANSPORT
PERU
SHAFFER'S
BLUFFTON
326
RED 19
LIMA
INDIANAPOLIS 70
TO INDIANAPOLIS
TO DAYTON
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
HEAVY LINES ON SIDES OF BASE LEGS INDICATE "B" CORRIDOR
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ BAER, FORT WAYNE			DECOMMISSIONED
BENDIX (South Bend)	278 (118.3)	C	(4):118.3,122.5
→ DECATUR FM			DECOMMISSIONED
FORT WAYNE (Baer Field)	251 (FW)(116.1)	BMRLZ-DTV,51°,3.5	(4);116.1 (ILS)
GOSHEN	320(GO)(116.1)	SBRAZ-DTV,90°,2.7	(4); 116.1
NOTRE DAME LFM	(- -)	LFM, 75°, 8.2	South Bend.
SOUTH BEND (Bendix)	215(SN)(116.1)	SBMRAZ-DTV,75°,3.3	(3); 116.1
MICHIGAN			
BANGOR FM	(- - -)	FM, 213°, 48	Grand Rapids
BATTLE CREEK (Kellogg)	272(JC)(116.1)	BMLZ-DTV, 3°,3.2	(4); 116.1
GRAND RAPIDS (Kent County)	329(GR)(116.1)	BMRLZ-DTV,303°,2	(4); 116.1
JACKSON (Reynolds)	257 (JN)	MHT	(4)
LANSING (Capital City)	206 (LI)	SBMRAZ-DT,280°,3	(4)
MUSKEGON (Muskegon County)	263 (UK)	BMLZ-DT,317°,2.8	(4)
OHIO			
ARCHBOLD (Int.)	371(YV)	MHW	(Cont.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ FORT WAYNE, IND. (Baer)				IM-	DECOMMISSIONED	OM-
				MMK-		OMK-

S-Simul Range and Voice, W-Without Voice, Z VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Auburn	1.3 NNW;RR E	872	27 S2	73,80 oct. Trees sur fld.
(A) BAER (Fort Wayne)	7.5 SSW;RR E	799	63h R1 L5 S4	91 oct;100 oct Army.Fld lgts on req
BENDIX (South Bend)	3.5 NW;hwy S	778	48h R2 L3 S6	80-100 oct. Pole line E, S
Cadet (South Bend)	6.5 NE;RR E	730	33 S4	80 oct. Twr W; pole line E.
Chain Lakes (South Bend)	5.2 W;hwy N,S	765	22 S3	80 oct.
Culver (NC)	2 E;lake W	815	26	
Elkhart	2.7 NNW;RR S	752	27 S6	73,80 oct. Hedge N.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail. Poles E.
(P) Goshen	4.5 SSE;riv SW	823	39 R1 L3 S6	80,91 oct. P-line S,SE,SW.
La Porte	2.5 SSW,RR W	801	29 L3 S6	80 oct. S & SW blocked
Logansport	4.4 SSW;hwy E	605	27 S1	80 oct. Port rnwy lgts.Poles E,N
McComb (Decatur)	0.9 NW;hwy E	800	20 S4	80 oct. Poles S.
Manchester (No. Manchester)	1.5 W;RR E	752	21	Poles S.
Medaryville	1.1 NW	645	24 S1	80 oct. Data unver.
Michigan City	4 E;RR N	650	24 S1	80,91 oct. Pole line E,W,S.
Midway (Goshen)	5 NW		36	Data unver.
Million (Logansport)	7 SW;riv 2 N	594	15	Pole S.
Monticello (Chalmers)	3 ENE;RR W	650	26 S2	80 oct. Hwy W.
Myers (Fort Wayne)	4 SE		24 S2	80,91 oct. Pwrline NE, Data unver
Peru	3.5 WSW;riv E	740	38 S5	80 oct.
(P) Plymouth	1.5 NW;RR E	898	32 S4	80,91 oct. Poles W,E.
Rochester	1.5 E;RR N	779	18 S4	73 oct. Lake S. Poles N.
Smith (Fort Wayne)	4.5 N;RR E	831	35h L4 S5	80,91 oct. No sto.
Sportsman (Mishawaka)	3.7 NE;riv S	760	18 S4	73 oct. No sto. Poles E, S.
Starke County (Knox)	1.7 S		26 S3	80 oct. P-lines sur fld:No sto.
→ Triangle Air Service(Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct.
(P) Tri State (Angola)	4.2 W;lake W	900	30 S4	73 oct.
Victory (Warsaw)	4 N;RR E	790	24 S2	Ltd 73 oct. Obsts sur fld.
Wake (Huntington)	4 N;hwy E	750	30 S2	80 oct. Trees NE.
Whittenberger (Wabash)	1.5 NNW;hwy E	770	20 S2	80 oct.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abrams (Grand Ledge)	1 NE	844	26 S2	80 oct. Pwr line S,W.Data unver.
Adrian City Arpt (Adrian)	3 SW;RR N	800	25 S6	80,91 oct. Obsts sur fld.
Allegan	1.9 E;RR S	701	21 S4	80 oct,P-line N,E,S. Blocked.
(P) Alma	1.3 NE;riv SE	750	32 S6	80 oct.
Austin Lake (Kalamazoo)	8.5 SSE;lake N	860	27 S4	80,91 oct. Poles N.
Aviation Co. Club (Galesburg)	2.5 W		19 S4	80 oct. Data unver.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Barry (Saginaw)	3 WSW;riv S	599	19 S4	80 oct.
Belding Fliers Inc.	2.1 W;RR E	790	27 S4	73 oct. Poles S.
Breedsville Airpark	0.6 WNW;RR E	654	23 S4	73 oct.No sto.P-line NE,S,SW.
Brooks (Marshall)	1.3 S;riv N	950	26 L3 S6	80 oct. Trees W, lgtd.
(P) CAPITAL CITY (Lansing)	3.8 NW;RR S	857	42h R1 L4 S6	73,80 oct.
→ Cass Co. Memorial (Dowagiac)	1 NW	750	31 S4	80 oct P-lines E,NE,S blocked.
City (South Haven)	4 S;RR W	640	30 S4	73 oct.Trees W.
Elsie	0.3 SSE;RR NNE	730	19 S1	80 oct. Pole lines sur fld.
Fitch H. Beach (Charlotte)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Haines (Three Rivers)	2.3 NE;riv SE	820	26 S1	80 oct. Poles N, S.
Hastings	3.2 WNW;RR SW	802	34 S3	80 oct. Pole line N.
Hillsdale	1.6 NW;RR E	1160	19 S4	73,80 oct. No sto.Poles NE,E.
Ionia	3 S;hwy W	810	24 S6	73 oct. Poles NW.
Jack Barstow (Midland)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
Jewett (Mason)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnsons (Ithaca)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) KELLOGG (Battle Creek)	3 WSW;RR bed W	936	62h R1 L5 S6	80,91 oct. Fld lgts prior req.
(P) KENT COUNTY (Grand Rapids)	3.5 S;RR NE	681	44h R1 L3 S6	73,80,91 oct.P-line NW,SE.Rdo
Kirsch (Sturgis)	1 NW;RR E	922	24 S4	80 oct. Poles S. repairs.
Lakeview	1.1 NNE;lake S	900	19 S6	80 oct. Poles N.
Leach Aero Service (Hartford)	1 NNW;RR E	664	29	Rnwy data unver.
(P) Legg (Coldwater)	1.3 NW	982	32 S2	80 oct. Trees E.
(P) Lindbergh (Kalamazoo)	4 SSE;RR E	872	40h S6	80,91 oct. Poles S.
Marks (Lawton)	1 N;RR S	770	25 S4	73,80 oct. Poles W, ENE.
Mecosta Co., 5, GR-TG (Big Rapids)	1.5 NW;RR E	928	39 L3 S4	80,91 oct.
Miller (Eaton Rapids)	1 ENE;RR W	908	21 S6	73 oct. No sto.
Montcalm Co. (Greenville)	2.5 S;RR E	800	22 S1	80 oct.
Mt. Pleasant	2.2 NE;RR W	755	36 S4	80 oct.
(P) MUSKEGON COUNTY	3.5 S;lake N	627	40h R1 L3 S6	73,80,91 oct.
Newaygo	0.8 SSE;RR NNW	785	20 S1	80 oct.
Niles	1.5 NE;RR NW	740	28 S2	80,91 oct. P-line NE.
Northside (Muskegon)	5.4 NNE	590	29 S4	73 oct. No sto.Refinery SW.
Oceana (Rothbury)	1 W;lakes NE		30 S2	80 oct. Data unver.
Park Township (Holland)	3 WNW;bay S	612	27 L4 S6	73,80 oct.No bcn. Lgts prior req.
(P) Reynolds (Jackson)	2.5 WNW;RR S	990	40h R1 L5 S4	80,91 oct. No sto. P-line SE,SW.
St. Joseph Co. (Centerville)(NC)	5 SE;RR,hwy N	830	15	Pole line N, trees W.
Saugatuck-Douglas (Douglas)	2 S;hwy W		26 S1	73 oct. Data unver.
Shiawassee Co. (Owosso)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Sparta	2.7 SE;RR W	752	25 S4	73,80 oct. Poles N.
(P) TRI-CITY (Saginaw)	10 NW;RR SW	660	57h	"SERV & L6 LGTS FOR PCA ONLY
Twin City-Ross (Benton Harbor)	1.5 NNE;RR S	640	38h S6	73,80 oct.
White Cloud (NC)	0.5 N	872	18	Twr SE; poles E, W.

OHIO

* Archbold Int, 18, CG-LG	3.5 NNW;RR N	716	28 L3	
Bryan-Defiance Memorial (Defiance)	5.2 NW;riv E	705	31 S2	73,80 oct. Pole line S,E.
Grieser (Wauseon)	2.5 E;RR N	750	24 S1	80 oct.
→ Lima	4 WNW;RR N	830	42 S6	80,91 oct. Pole line N.
Paulding County (Paulding)	2.5 NE;RR W	720	26 S2	80 oct. Poles S.Data unver.
Skinner (Hicksville)	1.6 NNW;RR S	810	26 S1	73 oct. Obsts sur fld.
Stombaugh (Bryan)	0.5 S		24 S4	80 oct. No sto. Fence E;wire W. Data unver.
Van Wert	1 WSW;hwy S	785	26 S6	80,91 oct.Poles N,S,NW,NE.

NEW AIRPORTS

Shaffer's (La Fontaine,Ind.)	5 NE;hwys N,W		19 S4	80 oct. Data unver.
→ Kendallville, (Ind.)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line S,SW.

h hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page xvi) NC (not charted). → NEW OR REVISED DATA

DETROIT

RADIO — MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4)
DETROIT CITY (Detroit)	278	C	(4)
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	201 (D)	K; 329°, 2.2	Detroit City Arpt.
FLINT	335 (FN)	MHT	(3)
ROMULUS (AAF)	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS);119°,2	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
YPSILANTI (Willow Run)	341 (DYP)	MH;360°, 0.5	Operates cont.
Willow Run Arpt.	332 (113.7)	C	(4); 118.7
OHIO			
AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);118.9,122.5
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (IF)	MH	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland
CANADA			
WINDSOR, ONT.	353(QG)	BRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5 (W)	332.6	184° Mag.	IM- (0.23)	MM- ····· (0.85)	ON- -- (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Trees S,SW,SE.
Ann Arbor	4 S;RR E	835	28 L2 S6	80 oct. Trees NE.
Baker's (Port Huron)	3 NNW;RR NNE	585	24 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	25 S1	73,80 oct. Pole line N.
Big Beaver	0.8 E;hwy W	650	21 S4	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct.
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	73 oct.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line NNE.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. ARPT OF ENTRY.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	73,80,91 oct. Rdo rcvr rqrd. Tank W side.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy W	590	33 S6	73 oct. No sto.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. No sto.
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	73,80 oct. Obsts sur fld
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. No sto Poles NW;bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	73 oct. Pole line N.
Monroe (Newport)	3.5 SSE;hwy SE	590	29 S4	73 oct. No sto.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	30 S4	73 oct. No sto. Poles NE,NW
(N) Newport OLF (N)	3 W	608	20h	
Pontiac	6.4 WNW	970	31h L4 S6	80,91 oct. Poles S
(A) Romulus AAF (A)	3 E;RR N	630	61h R1	CLSD. ARPT OF ENTRY
Roseville	0.5 S;hwy W	610	29 S6	73,80 oct. Poles S,SW.
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW,NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	660	25h S1	80 oct. Hi-lines N,NE
Tecumseh	1.8 NNE;RR W	815	26 S6	73 oct. Pole line S.
Thomas B. Joy (Detroit)	13 NE;hwy E	616	24 S6	73,80 oct. No sto. Trees SW.
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W		26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	710	74h R2 L5 S1	80,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	26 S6	73,80 oct. Poles N. Stumps NW. No sto.
OHIO				
(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.5 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE	600	18	
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
Hayesville Int, 27, LV-CV	2.5 WNW; hwy S	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	73 oct. Pole line S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE.	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW
Norwalk	0.8 NE;RR W	700	18 S2	73 oct. Pole line W.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S2	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int,4B,CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1 E;reservoir SSW		32 S1	80 oct. Data unver.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.0 N;RR W	730	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	621	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.
AKRON AIRPORTS				
Akron-Canton (Ohio)	12 SE Akron		56h L3 S1	91 oct. Data unver.

S-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x1?) NC-(not charted). → NEW OR REVISED DATA

38 DETROIT

R : EXTREMELY HAZARDOUS

O : USABLE WITH CAUTION

COMPULSORY REPORTING POINT

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RIVER ARE TO IDENTIFY N. BOUNDARIES.

SAULT STE MARIE 15

JAMES CLEMENTS

SKYHAVEN

SAGINAW

SAGINAW 212

CARO

CROSWELL CITY

GRAND RAPIDS 35

STATUTE MILES

DALTON

WEST'S

BISHOP 278

On request

FLINT 335

FORREST

LAPEER

SEELYS

BAKER'S

ST CLAIR CO. MUN.

MICH. S D.A.

MICH. CAN.

ALLEN'S

CENTER

OXFORD

SELFRIDGE AAF 388

SELFRIDGE AAF 396 (126.18)

PONTIAC

HOWELL

WIXOM 20

ROMULUS 230 (116.1)

WASHTENAW

ANN ARBOR

GRIDLEY

McENNAN

SALINE

MILAN

WILLOW RUN 332 (118.7)

YPSILANTI 341

TECUMSEH

MONROE

NEWPORT OLF

NAS. DETROIT 269 (142.74)

NAN-BAR

NATIONAL AVIATION

MICH.

OHIO

FRANKLIN

TOLEDO 263

TOLEDO R 239 (116.1)

SNYDER

TIFFIN

FINDLAY

WILLARD

MANSFIELD

FINDLAY 209

GAGE

PORT BUCYRUS

GALION

DAYTON 245

COLUMBUS 71

COLUMBUS 391

PARKS

NORWALK

SLAGER

BRICKER

BOWLING GREEN

SANDUSKY

HINDE

PUT-IN-BAY

PENINSULA

DETROIT CLEVELAND

OHIO 6 D.A.

TOLEDO

WINDSOR 353

CLEAR CREEK 248

CAN.

OHIO

BUFFALO 39

ERIE 371

PERRY

FOR DETAILS IN CLEVELAND AREA SEE CHART 141.

CLEVELAND 344 (116.1)

VERMILION

ELYRIA

AVON LAKE

BROOKSVILLE

NORTH ROYALTON

PARKMAN

MEDINA

PRICHARD

WESTFIELD

HOMERVILLE

AKRON 272 (118.9)

AKRON 362 (116.8)

KENT STATE

AKRON

LING

MILLER

TAYLORCRAFT

AKRON-CANTON

McKINLEY

NOBLE

MARTIN

CLEVELAND

PITTSBURGH

ASHLAND

WOOSTER

HAYESVILLE

HAYESVILLE 329

TO NEWARK

TO PITTSBURGH

TO WELLSBURG

TO YOUNGSTOWN

TO ERIE

TO ARCHBOLD

TO FORT WAYNE

TO TROY

TO LANSING

TO UNION

LANSING

DETROIT AREA

WIXOM 20

BIG BEAVER

McKINLEY

BERZ

KRIST-PORT

WARREN

THOMAS B. JOY

ROSEVILLE

RED 20

WINDSOR 353

DETROIT CITY 278

DETROIT 201

GREEN 2

METTETAL

TRIANGLE

BURNS

NATIONAL FLY SVC.

HARTSELL AIR TERM

FORD R

STINSON

HANCE

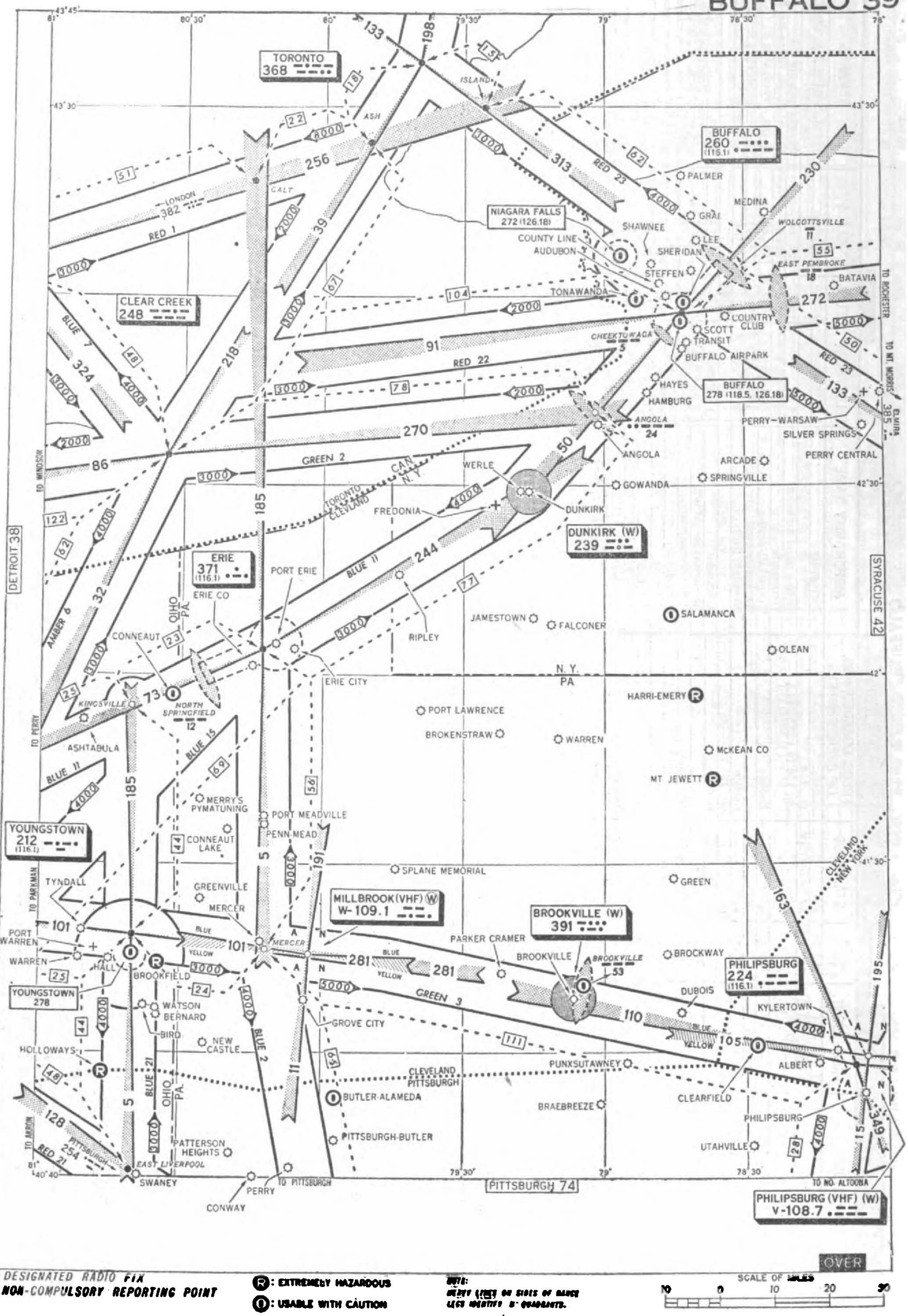
ROMULUS 230 (116.1)

ROMULUS AAF

SCALE OF MILES

OVER

BUFFALO 39


TORONTO 368
BUFFALO 260 (116.1)
NIAGARA FALLS 272 (126.18)
CLEAR CREEK 248
LONDON 382
ERIE 371 (116.1)
DUNKIRK (W) 239
BUFFALO 278 (118.5, 126.18)
ANGOLA 24
YOUNGSTOWN 212 (116.1)
MILLBROOK (VHF) (W) W-109.1
BROOKVILLE (W) 391
PHILIPSBURG 224 (116.1)
YOUNGSTOWN 278
PHILIPSBURG (VHF) (W) V-108.7
PITTSBURGH 74
TO WINDSOR
TO ROCHESTER
TO MT. MORRIS
ELMIRA
DETROIT 38
SYRACUSE 42
TO PERRY
TO PARKMAN
TO AKRON
CLEVELAND NEW YORK
N. Y. PA
OHIO PA.
CAN. N. Y.
TORONTO CLEVELAND
ISLAND
ASH
CALT
PALMER
MEDINA
WOLCOTTSVILLE
SHAWNEE
COUNTY LINE
AUDUBON
SHERIDAN
STEFFEN
LEE
EAST PEMBROKE
BATAVIA
TONAWANDA
CHEEKTOWAGA
COUNTRY CLUB
SCOTT TRANSIT
BUFFALO AIRPARK
HAYES
HAMBURG
PERRY-WARSAW
SILVER SPRINGS
PERRY CENTRAL
ARCADE
SPRINGVILLE
GOWANDA
WERLE
DUNKIRK
FREDONIA
PORT ERIE
ERIE CO
CONNEAUT
RIPLEY
JAMESTOWN
FALCONER
SALAMANCA
OLEAN
ERIE CITY
HARRI-EMERY
PORT LAWRENCE
BROKENSTRAW
WARREN
McKEAN CO
MT JEWETT
KINGSVILLE
NORTH SPRINGFIELD
ASHTABULA
MERRY'S PYMATUNING
PORT MEADVILLE
PENN-MEAD
CONNEAUT LAKE
SPLANE MEMORIAL
GREEN
TYNDALL
GREENVILLE
MERCER
PORT WARREN
WARREN
HALL
BROOKFIELD
WATSON
BERNARD
BIRD
NEW CASTLE
HOLLOWAYS
GROVE CITY
PARKER CRAMER
BROOKVILLE
BROCKWAY
DUBOIS
KYLERTOWN
PUNXSUTAWNEY
ALBERT
CLEARFIELD
PHILIPSBURG
UTAHVILLE
CLEVELAND PITTSBURGH
BUTLER-ALAMEDA
PITTSBURGH-BUTLER
BRAEBREEZE
PATTERSON HEIGHTS
EAST LIVERPOOL
SWANEY
PERRY
CONWAY
TO PITTSBURGH
RED 1
RED 22
RED 23
BLUE 1
BLUE 11
BLUE 15
BLUE 2
BLUE 21
AMBER 6
GREEN 2
GREEN 3
RED 21
YELLOW
133
198
256
313
230
91
270
86
324
218
185
39
32
272
244
50
163
195
349
128
254
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANGOLA FM	(. . - - -)	230°,2½	FM	Buffalo.
BUFFALO Range	260(BJ)(116.1)	230°,0.9	SBRAZ-DTXV	(3); 116.1
Buffalo Tower	278 (126.18, 118.5)		AC	(4); 126.18,122.5,118.5
CHEEKTOWAGA LFM	(- - -)	230°,4.7	LFM	Buffalo
DUNKIRK MH Fac.	239 (DK)		MHW	
EAST PEMBROKE FM	(- -)	92°,17.5	FM	Buffalo
NIAGARA FALLS Tower	272 (126.18)		CI	(4); 126.18 (8-20)
WOLCOTTSVILLE FM	(-)	50°, 11	FM	Buffalo
OHIO				
YOUNGSTOWN Range	212 (CT)(116.1)	185°,3.4	BMRLZ-DTV	(4); 116.1
Youngstown Tower	278		CI	(4); (630-2030)
PENNSYLVANIA				
BROOKVILLE FM	(- - -)	290°, 53	FM	Philipsburg
BROOKVILLE Range (Int.)	391 (BR)		MHW	
ERIE Range (Port Erie)	371 (ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1
MILLBROOK Range	109.1 (MC)		VARW	
NORTH SPRINGFIELD FM	(- - -)	253°,12	FM	Erie
PHILIPSBURG Range	224 (MJ)(116.1)	169°,5	SBRAZ-DTV	(4); 116.1
PHILIPSBURG Range	108.7 (MJ)		VARW	
CANADA				
CLEAR CREEK Range (Ont.)	248 (QO)		BRAZ-T	(4)
TORONTO Range (Ont.)	368 (YZ)		SBRAZ-TX	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Angola	1.4 N;RR SE	610	15 S1	80 oct.
Arcade	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Audubon (Getzville)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia	2.4 NNE;rd W	910	30 S6	80 oct. Pole line W.Trees E.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. OF ENTRY.
BUFFALO	6.1 ENE;RR NE	712	56h R2 L6 S6	80-100 oct;100 oct Army ARPT
Country Club (Clarence)	2.3 SSE;RR S	800	36 L S6	80 oct. Trees SW.Port lgts on req.
County Line (No. Tonawanda)	3.4 E;RR SW	577	21 S4	80 oct.
(P) Dunkirk	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Falconer	1.3 NNE;RR S	1250	22 S4	80 oct.Obsts sur fld.
Fredonia	3.5 W;RR SE		27 S2	80 oct.Pole line N,NE,E.
Gowanda	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg Airpark Incorporated	2 NNW;RR,hwy W	722	23 S2	80 oct. Pole line NE.
Hayes (Blasdell)	0.7 SSE;RR E,W	723	20 S4	80 oct. No sto.
Jamestown	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
Lee (Lockport)	1.8 SSE;hwy N	640	18h S2	80 oct. Pole line N.
Medina	2 W; RR S	500	21 S1	80 oct. Obsts sur fld.
(P) Niagara Falls	4 E;RR N	587	55h R1 L5 S4	80-100 oct. JP-1. No sto.
Olean	1.8 SE;RR N	1440	22 S6	80 oct. Trees W,N; hill S.
Palmer (Olcott)	1.2 SSW;RR S	315	17 S2	73 oct. Pole line E.
→Perry Central	1.7 NNW;lk SSW	1400	23	80 oct. Pole line,trees N,E.
→Perry Flying Svc. (Perry) (NC)	3.3 W;RR 3 mi W	1640	21	Pole lines NNE.Reported ABANDONED
Ripley	1.4 WNW;lake N	650	22 S4	80 oct, No sto.
Salamanca	1.6 W;RR N,S	1370	12 S6	80 oct.
Scott (Lancaster)	1.5 E;RR N,S	680	22 S1	80 oct.Pole line SW.Rnwy data
Shawnee Flying Service (North Tonawanda)	4.5 NNE;riv SE	580	33 S6	80 oct.Pole line E,W. unver.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (NC)	1 WSW;hwy SE	720	11	Trees E, NW.
Silver Springs	0.5 E;lake NE	1420	15 S1	80 oct.

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Springville	1.5 NE;RR W	1395	26 S4	80 oct.Pole line N,E Rnwy data unver.
Steffen (East Amherst)	3.5 N	582	22 S6	80 oct.Obsts sur fld.
Tonawanda	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
Transit (Depew)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Werle (Dunkirk)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles,trees sur fld.
Westfield (NC)	1.5 WSW;hwy N	758	18 L1	S blocked.
OHIO				
Ashtabula	3.1 W;lake N	621	17 S2	80 oct.
Bernard (Youngstown)	3.4 E;lake NE	1140	28 S6	73,80 oct. Pole line N,S,W
Bird (Youngstown)	2.6 NE;RR W	1000	22 S4	80,91 oct. Pole line W,N.
Brookfield	0.8 W;RR W	1130	20	Poles N,E.
Conneaut	2 ESE;hwy S	670	18 S1	80 oct.
Hall (Warren)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E
→Holloways (Greenford)	1 ENE;RR W			ABANDONED
Port Warren (Warren)	1.5 N; RR W		24 S1	80 oct. Data unver
Sky Harbor (Williamsfield)(NC)	1 S;hwy E	1140	26	Poles E
Swaney (East Liverpool)	4.9 NW;crk SE	1170	22 S2	80 oct.
Tyndall (Warren)	6 NNW;RR E	940	30 L1 S4	80 oct. No sto.
Warren Airways	2.3 WNW;RR S,E	900	22 S2	73 oct. Trees S.
Watson (Youngstown)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
YOUNGSTOWN	11 N;hwy E	1178	39h R2 L5 S6	73,80,91 oct.
PENNSYLVANIA				
Albert (Philipsburg)	5.5 NNW;rd N	1750	38 S5	80,91 oct.P-line sur fld.Rnwy
Braebreeze (Marchand)	0.3 N;RR NW	1650	18 S2	80 oct.Trees N,NE. data unver
Brockway	1.3 NE	1700	18	
Brokenstraw (Youngsville)	2.6 W;RR S	1230	17 S4	73 oct.
* Brookville Int,45A,CG-LG	2 WSW;RR E	1416	30 L3 S1	80 oct.
Butler-Alameda (Butler)	3.4 WNW	1340	24 S6	80 oct. Pole line E.
Clearfield	1.5 WSW;RR SE	1220	20 S1	80 oct. Pole line NE.
Conneaut Lake	1.7 WSW;hwy SE	1250	18 S2	80,91 oct.Pole line SE end.
Conway	0.7 N	950	24 S4	80 oct. Hill N.Rnwy data unver.
Dubois	1.7 ESE;RR NE	1575	30 S6	80 oct.
Erie City (Kearsarge)	0.5 W;hwy E	900	29 L S6	80 oct.Port rnwy lgts.P-line SE
Erie County (Erie)	11.6 SW;hwy N	805	24 S6	80 oct. Poles N,E,S.
Green (Ridgeway)	3 NW;hwy,RR E	1720	21 S2	No fuel. Trees NNW.
Greenville	2.3 W;RR E	1180	17 S2	80 oct. Pole line S.
Grove City	2.1 SSE;RR E	1275	19 S4	80 oct.
Harri-Emery (Bradford)	2.3 WSW;RR E	1490	20 S4	80 oct.
Kylertown	1 WNW	1660	40 S4	80 oct. Trees S,WNW.
(P) McKean County (Bradford)	11 S;RR SW	2140	45h	
Mercer	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning (Linesville)	1.5 NW;RR E	1200	21 S2	73 oct. Pole line NNE.
Mount Jewett	0.8 ESE;hwy N	2240	19 S4	80 oct.
New Castle	4 WNW;hwy SE	1080	26h S5	80 oct.
Parker Cramer (Clarion)	1 ENE;riv N	1480	28 S2	80,91 oct. Rnwy data unver.
Patterson (Beaver Falls)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville)	3 SSW;hwy E	1365	20 S2	73 oct.
Perry (Mars)	5 E;hwy E	1060	16 S6	80 oct.No sto.Pole line E.
Philipsburg, 51A, CG-LG	7 E;hwy N	1940	30h R1 L3	
Pittsburgh-Butler (Butler)	6.7 SSW;hwy E	1235	49 L1 S6	80 oct.
PORT ERIE (Erie)	6 WSW;RR SE	735	46h R1 L6 S6	80, 91 oct.
Port Lawrence (Corry)	1.2 S;RR N	1745	23 S2	73 oct. Pwr line NW.
Port Meadville (Meadville)	3.4 W;hwy S	1400	32h L4 S6	80 oct.
Punxsutawney	3 NE;hwy S	1470	22 S2	Ltd 80 oct. Pole line ESE,S.
Splane Memorial (Oil City)	4.1 NNW;hwy E	1490	22h L S4	80,91 oct. Port rnwy lgts.
→Utahville	1 N; RR S	1800	22 S4	80 oct.Ltd 91 oct.
Warren	2 WSW;RR N	1100	23h L S4	80 oct. Port rnwy lgts.
NEW AIRPORTS				
→Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N		15 S2	80 oct.

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1

PENNSYLVANIA

ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4); 116.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353 (SV)		MHW	
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Wyo.Valley)	272 (WI)(116.1)	243°,2.6	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1

NEW RADIO FACILITIES

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.8, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S,NW.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts pripr req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW. unver.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page x11) NC-(not charted). → NEW OR REVISED DATA

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W.
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
Parker (Palmyra)	2.8 S; RR N	540	15 S1	80 oct.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	3 SE;riv N	500	18 L S4	80 oct.Port rnwy lgts.Trees
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct. WSW.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No sto.
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE.
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY. NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Schoharie Co.(Richmondville)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Scottsville	1 N; RR W	600	10	Allway area; 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L1 S4	80 oct.Bcn on req. ARPT OF ENTRY.

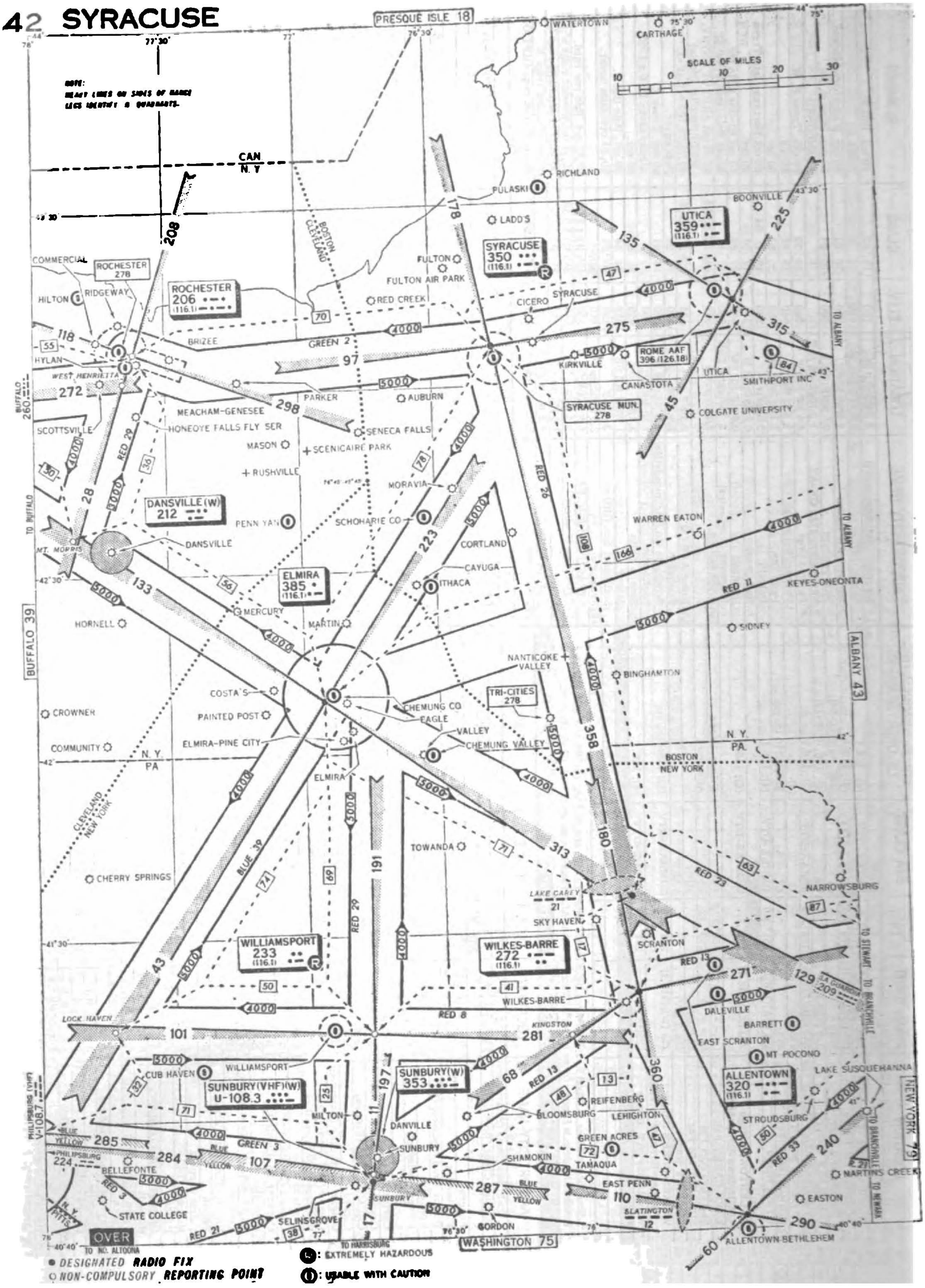
PENNSYLVANIA

ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts prior req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L3 S6	80,91 oct.Pole lines SW,E
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Corbett)	2.4 W	2265	18 S1	Ltd 80 oct. Trees W,SE,NW.
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S1	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E	1660	23	Trees S, N.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres (Hazleton)	4 SE	1260	20 S4	80, 91 oct.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1385	20	
Milton	0.8 S;RR W	450	24 S6	80 oct. Pole line SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE.
Mt. View (Nicholson) (NC)	4.8 ENE;crk NW	1280	21	50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S1	80 oct. Pole line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	19 S4	80 oct. Poles adj W.
Stroudsburg-E Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	37 L1 S6	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S1	80 oct. Pole line SW,NE.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct.
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts prior req.

NEW AIRPORTS

→ Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18	Data unverified.
→ ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
→ Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.

42 SYRACUSE


PRESQUE ISLE 18
WATERTOWN
CARTHAGE
SCALE OF MILES
10 0 10 20 30
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY 8 BROADCASTS.
CAN
N.Y
RICHLAND
PULASKI
BOONVILLE
LADD'S
UTICA
359
(116.1)
SYRACUSE
350
(116.1)
R
135
225
178
209
COMMERCIAL
ROCHESTER
278
ROCHESTER
206
(116.1)
HILTON
RIDGEWAY
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
47
4000
70
118
55
BRIZEE
GREEN 2
97
275
315
5000
ROME AAF
396 (126.18)
KIRKVILLE
HYLAN
WEST HENRIETTA
272
PARKER
AUBURN
298
CANASTOTA
UTICA
SMITHPORT INC
84
SYRACUSE MUN.
278
45
COLGATE UNIVERSITY
MEACHAM-GENESEE
HONEOYE FALLS FLY SER
SCOTTSVILLE
SENECA FALLS
MASON
SCENICAIRE PARK
RUSHVILLE
MORAVIA
78
RED 29
36
30
28
DANSVILLE (W)
212
PENN YAN
SCHOHARIE CO
DANSVILLE
MT. MORRIS
WARREN EATON
RED 26
108
166
CORTLAND
223
CAYUGA
ITHACA
ELMIRA
385
(116.1)
56
133
MERCURY
HORNELL
MARTIN
RED 11
KEYES-ONEONTA
SIDNEY
NANTICOKE
VALLEY
BINGHAMTON
TRI-CITIES
278
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
VALLEY
CHEMUNG VALLEY
358
180
COMMUNITY
ELMIRA-PINE CITY
N.Y.
PA.
BOSTON
NEW YORK
CLEVELAND
NEW YORK
TOWANDA
71
313
BLUE 39
74
69
191
RED 29
RED 23
63
NARROWSBURG
LAKE CARLY
21
SKY HAVEN
CHERRY SPRINGS
WILLIAMSPORT
233
(116.1)
R
WILKES-BARRE
272
(116.1)
17
SCRANTON
43
50
41
WILKES-BARRE
RED 8
RED 13
271
129
209
LA GUARDIA
LOCK HAVEN
101
281
KINGSTON
DALEVILLE
BARRETT
EAST SCRANTON
MT POCONO
WILLIAMSPORT
CUB HAVEN
SUNBURY(VHF)(W)
U-108.3
SUNBURY(W)
353
ALLENTOWN
320
(116.1)
LAKE SUSQUEHANNA
68
RED 13
360
32
25
MILTON
11
197
DANVILLE
SUNBURY
48
13
REIFENBERG
BLOOMSBURG
LEHIGHTON
GREEN ACRES
72
47
STROUDSBURG
50
240
RED 33
285
284
107
GREEN 3
224
BELLEFONTE
RED 3
SHAMOKIN
TAMAQUA
287
110
EAST PENN
MARTINS CREEK
STATE COLLEGE
SELINSGROVE
38
17
SUNBURY
GORDON
SLATINGTON
12
290
EASTON
RED 21
OVER
TO NO. ALTOONA
TO HARRISBURG
WASHINGTON 75
ALLENTOWN-BETHLEHEM
60
TO ALBANY
TO BUFFALO
TO STEWART
TO BRANCHVILLE
TO NEWARK
ALBANY 43
NEW YORK 79
BUFFALO 39
BUFFALO 260
PHILIPSBURG (VHF)
V-108.7
PHILIPSBURG
M.Y.
PITTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
L: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

ALBANY 43

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

PRESQUE ISLE 18
GLENS FALLS(W) 206
ALBANY 365 (116.1)
ALBANY 278 KC. 118.3 MC.
LEBANON(W) 209
WESTOVER AAF 272
WESTOVER AAF 396(126.18)
STEWART AAF (W) 335
STEWART AAF 396(126.18)
WESTFIELD 230 (116.1)
BRADLEY 284 KC. 126.18 MC.
NEW HACKENSACK 236 (116.1)
HARTFORD 329 (116.1)
BRAINARD 278 KC. 118.5 MC.
MERIDEN 278
RENTSCHLER 254(126.18)
WESTCHESTER CO. 260 KC
BRIDGEPORT 269 KC 11 R 7 MC
ALLENTOWN 320
LA GUARDIA 209
NEWARK 341
MILLER
PORT CHESTER 16
NEW YORK 79
MITCHELL AAF 227

TICONDEROGA, PISECO, PLATEAU, SACANDAGA PARK, GLENS FALLS, WARREN CO, FAIR HAVEN, RUTLAND, TWIN STATE, LEBANON, NEWPORT, HARTNESS, CLAREMONT, NORTHFIELD, MONTPELIER, BLUE 4, TO CONCORD, STATUTE TO MILES, BURLINGTON, BLUE 18, BLUE 40, N.Y. VT., VT. N.H., BOSTON 46, EQUINOX, SARATOGA SPRINGS, SCHUYLERVILLE, BALLSTON SPA, STEENBURGH, GLOVE CITY, AMSTERDAM, VAUGHAN, LONG MEADOW, FULCO, SCHENECTADY CO., HAYDUK, FORT PLAIN, STONE ARABIA, LAURIESVILLE, SKY HAVEN, BRIGGS, COOPERSTOWN, INTERCITY, COLONIE, TROY, DUANESBURG, VALLEY AIRPK., EAST GREENBUSH, SELKIRK, RAVENA, MEDWAY, FARLY'S, PLATEAU, PISECO, TO UTICA, TO ELMIRA, SYRACUSE 42, GREEN 2, BLUE 18, BLUE 41, BLUE 40, RED 11, RED 13, RED 23, RED 33, GREEN 2, GREEN 5, AMBER 7, BENNINGTON, KEENE, DILLANT-HOPKINS, BRATTLEBORO-HINSDALE, STEVENS, VT. N.H. MASS., GARDNER, FAIR VIEW FARM, ADAMS, TURNERS FALLS, ORANGE, PITTSFIELD, PILGRIM, LaFLEUR, HILLER, METROPOLITAN, E. BROOKFIELD, BROOKFIELD, SOUTHBRIDGE, SPRINGFIELD, W. SPRINGFIELD, BOWLES, KINSLEY, AGAWAM, SIMSBURY, WOODSTOCK, SOUTHINGTON, WEATOGUE, WINDHAM, TO WOODSTOCK, WATERBURY, MERIDEN, SALEM, BETHANY, LUFBERY, WATERFORD, GROTON TRUMBULL, DOANE, HAMMONASSET, NEW HAVEN, WEST HAVEN, MILFORD, ELIZABETH AAF, N.Y. 3 D.A., MATTITUCK, EAST HAMPTON, SUFFOLK CO., GREAT BARRINGTON, BARNES, CANAAN, CONN., MILLERTON, KINGSTON-ULSTER, COZINE, KINGSTON, WALLKILL NO. 2, LIVINGSTON MANOR, CLIFF HAVEN, AERO LAKE, ARLINGTON, NEW HACKENSACK, FREEDOM PLAINS, NEWBURGH-WALDEN, NEW PALTZ, WAPPINGERS FALLS, MONTICELLO, MONTGOMERY, WURTSBORO, MONTGOMERY NO 1, STANTON'S, LIME RIDGE, WINGDALE, STEPHENSON, STORMVILLE, WATERTOWN, STARHAVEN, HUGUENOT, RANDALL'S, MATAMORAS, SUSSEX, WARWICK-WICKHAM, BRANCHVILLE, SPRING VALLEY, CHRISTIE, CROTON, WESTCHESTER, DANBURY, MAHOPAC, SOMERS, MONROE, HALCOTT, MARGARETVILLE — FLEISCHMANNS, CATSKILL VALLEY, TO WILKES-BARRE, TO LAKE CARY, BOSTON NEW YORK, N.Y. N.J., N.Y. MASS., 75°, 74°30', 74°, 73°30', 73°, 72°, 44°, 43°30', 43°, 42°30', 42°, 41°30', 41°, 72°48', 72°30'

OVER

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80,91 oct.No bcn.Lgts
➸BRADLEY Tower	284 (126.18)		CI	3105,4495; prior req. 126.18 (6-22)
(P) Bradley (Windsor Locks) ➸	2.8 WNW; RR,riv E	171	50h R1 S6	No fuel.
BRAINARD Tower	278 (118.5)		C	(4);126.18,122.5,118.5
➸ [Brainard](Hartford)	2.8 SE;RR W	18	48h R2 L5 S6	80,91,100 oct.Dike E,N.
BRIDGEPORT Tower	269 (118.7)		C	(4); 122.5, 118.7
(P) [Bridgeport]	3.5 ESE	9	48h R1 L5 S4	80, 91 oct.
Brookfield	0.5 S;hwy W	280	10 S6	80 oct.No sto.Hi-line E
Canaan	1 N;RR W	680	24 S6	80,91 oct.No sto.P-line
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line SW. WSW,SSE.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
Groton Trumbull	2.8 SE;RR W	10	50h	(Groton)
Hammonasset (Madison)	2 E;hwy N	15	14 S2	80 oct.Trees W.Use NE/SW strip only.
HARTFORD Range (Brainard)	329(HT)(116.1)	323°,23	SBMRAZ-DTV	(3) ; 116.1
Kinsley (Somers)	2.5 NNW;RR W	200	19	
Lufbery(Wallingford)	0.5 WSW;RR E	80	22 S6	80 oct.No sto.Stacks N,S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
Meriden	2.7 SW;RR E	102	35 R1 L3S6	80 oct.Hi-line W,S.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;rd E	620	20 S6	80 oct. Rd W.
[New Haven]	3.5 SSE;riv W	4	42h S6	80,91 oct,ltd 100 oct.P-
RENTSCHLER Tower	254 (126.1)		CI	(3);126.18 line NW.
➸ Rentschler(E.Hart'd)	1 S;riv W	45	58h R1 L5S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 S6	80 oct.
Southington	3.5 NNE,RR W	200	21 S4	80 oct.
Stephenson (Bristol)	1.5 ESE,RR N	240	18 S6	80,91 oct.
Tier Airstrip(Cheshire)	0.8 NNE;hwy W	200	14	W blckd.Use in emerg.
Waterbury	2.6 S,RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.No sto.P-line E, W blocked.
Windham	3.5 NNW;hwy S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Adams	1.3 SSE;RR W	1400	18 S1	80 oct.
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
[Barnes](Westfield)	3 NNE;RR W	268	50h R1 L5S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
Brookfield's	1 W;RR SW	680	20 S6	80 oct.P-line SW. W.
East Brookfield	0.5 W	650	15 S3	80 oct. Data unver.
Fair View Farm (Williamstown)	4 SW,riv E	954	23 S1	80 oct.P-line ENE.Hill NNE. Lgt acft only.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	28 S6	80,91 oct.Obst sur fld.
➸ Hiller(Barre Plains)	2 S,;riv W	589	25 S1	80 oct.
La Fleur(Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S1	80 oct. Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
Pittsfield,3B,AZ-BW	2.4 WSW,hwy NW	1140	27 L3 S1	80 oct.P-line N.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	20 S4	80 oct.No sto.P-line E.
Turners Falls (Montague)	4.2 N	350	33 S6	80,91 oct. Wooded ridge SE,SW.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6)S6	73,91,100 oct. No sto.
West Springfield	1.5 N;riv E	65	19 S4	Data unver.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Claremont	1.3 W;riv NE	520	28h S2	80,91 oct.Wded rdg NNE
Dillant-Hopkins	2 S;riv,RR W	481	40h S6	80 oct. (Keene)
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
➸ Keene Airpark	3 NW;RR W	500	21	CLOSED
Lebanon	3.3 WSW;RR N	579	40h L5 S4	80 oct.Rdo repairs.
LEBANON MH Fac.	209 (LP)		MHW	
➸ Newport	2 NNW;RR W	780	20 S4	80 oct.P-line E.

NEW JERSEY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Sussex	1.2 WSW;RR S	420	25 S1	80 oct.200' knoll NNE.

NEW YORK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower	278 (118.3)		C	(4); 116.1,118.3,122.5
(P) [Albany]	6.9 NNW;riv N	283	35h R2 L5 S6	80,91,100 oct.ARPT OF
➸ Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY, oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h L5 S6	80,91 oct.Fld lgts prior
Briggs (Carlisle)	0.6 SE;RR W	1320	12	req.
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW,RR SE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W,RR S	260	16 S1	80 oct.
Croton Arpk.	4.8 SW;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	38 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
★ Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	680	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Bill-
Fulco(Johnstown)	1 E;hwy S	840	22 S4	80 oct.No sto lings)
GLENS FALLS MH fac	206 (GB)		MHW	Data unver.
➸ Glens Falls,18,LG-UL	2.6 NW;rd S	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE,RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	17 S1	80 oct.Poles unver. NNE.
Mahopac	1.5 WNW;lk E		20 S4	80 oct.No sto.Data unver.
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
MEDWAY FM	(. . - - -)	206°,27.6	FM	Albany.
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	($) ; 116.1
(P) New Hackensack	0.5 W	156	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S.
➸ PORT CHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80 oct, RR NW.
Ravena	1.2 N;riv 2 E	180	14 S2	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29	Trees N,S.
Selkirk	2.7 E;riv E	160	22	Trees N.
Sky Haven(Delanson)	0.9 NW;RR SE	1100	14 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel. Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 W,hwy N	474	61h R1 L5 S6	100 oct. P-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plain)
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
★ Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3	Obsts sur fld.(LG-UL)
Troy	2 SSE;riv W	327	30 L4 S6	73,91 oct.Trees NW.
Valley Air Park	1.5 NNW	635	16	Data unver.(Middleb'g)
Vaughan(Johnstown)	1 E;hwy W	760	18 S1	Ltd 80 oct.Trees W.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h L5 S1	80 oct.Lgts prior req.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains) ➸	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.days.;100 oct.
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S5	80 oct.Obsts sur fld.

PENNSYLVANIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Matamoras	0.5 SSE;riv SE	450	16h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 E;riv E,N	700	18 S6	80 oct.P-line,mtn E.
Fair Haven	1.5 N	370	20 S2	80 oct.Hills sur fld.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h S6	80 oct. prior req. Hill NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9 (W)	333.8	239° Mag.	IM- (0.49)	MM- ••••• (0.79)	OM- -- (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5 (W)	332.6	59° Mag.	IM- (0.02)	MM- ••••• (0.72)	OM- -- (4.42)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
➸ Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver
➸ Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ Army A.C.S. transmits on and guards 116.1, 127.55, 149.55 mcs. * Omitted this when associated tower inoperative h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing (see page 41)
➸ NEW OR REVISED DATA. (NC)-Not charted. [Iowa] Airline Stop

BOSTON

RADIO AIDS

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR & DIST	FREQS GUARDED, HRS OF OPER., REMARKS
BRUNSWICK NAS			DECOMMISSIONED
PORTLAND	206(PW)(116.1)	BMRLZ-DTV, 149°, 8.2	(4), 116.1
YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Navy)	522 (DBH)	MH	Operates cont.
Bedford AAF	212 (126.18)	CA	(3), 126.18
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3), 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 296°, 4.2	Boston
FRANKLIN FM	(. . . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.1[illegible] 118.1)	AC 238°.1.4	(4), 122.5, 126.18, 118.1, 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°, 4.7	Boston
SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3), 142.74, (8-1630, Mon-Fri.)
SQUANTUM (Navy)	472(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN, 321°, 3.7	3105, 4495; 142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°, 14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV 332°, 1.9	(4), 116.1
GRENIER (Manchester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18) +	CA(ILS), 352°.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN(GCA)	3105; 142.74
GREENE (Providence)	278 (118.9)	C:47°, 3.2	(4); 118.9, 122.5
PROVIDENCE (Greene)	347(PR)(116.1)	SBMRAZ-DTV	(3); 116.1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ	3105; 142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN, 339°, 2.2	(3); 142.74, 140.58, 126.18

NEW BEDFORD AREA

DEDHAM, Mass. FM	- - - - -	FM; 238°, 14.4	Boston
MOOSUP, Conn. FM	(- - - -)	FM, 286°, 18.6	Providence

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5 ····	332.6	352° Mag	IM- (0.03)	MM- ·····(0.71)	OM- —— (5.00)
				MMK-201 -·- (0.71)	OMK-219 ···· (5.00)	
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster (Stonington)	1 NE, RR S	5	18 S4	80 oct. Lgt acft only
Plainfield	1.5 SSW, RR E	160	21 L S8	80 oct Port rnwy lgts.
* Putnam Int, 14, LG-BW	1.7 WSW; riv E	460	22 L3	Pole line N; poles NE.

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Biddeford	2 SSW; RR NW	110	22 S2	80 oct. Pole line SE.
Brunswick NAS	1.5 SE; RR N	77	60n	91, 100 oct.
Douglas (Brunswick)	3.5 W, RR SE	170	15	
Hilltop (West Buxton)	0.8 WSW; RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	2 S; rd E	120	20 S2	80 oct. Trees S. Data unverified
Merrymeeting (Bowdoinham)	1 SSE; riv E	60	18 S1	80 oct. Trees N, S.
PORTLAND	2 W, riv E	60	43h R1 L5 S6	80, 91 oct.
Port of Maine (South Portland)	1.8 SSW, RR E	40	28 S6	80 oct. Rnwy data unverified.
Riverside Airpark (Brunswick)	1 WNW, RR S	60	18 S4	80 oct. No sto. Trees NNW
(P) Sanford	4 SE, hwy N	243	60h L5 S6	80, 91 oct.
Scarboro	2 W, RR SSE	20	25 S2	80 oct.
Stover (Freeport)	4 NNW	200	12 S2	80 oct. Data Unverified

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Ames (Brockton)	3 WSW, RR W	120	20 S6	73 oct. RR S.
Auburn	2 SW, RR W, E	700	15 S1	80 oct. Lgt acft only.
(A) Bedford AAF (A)	1 S	128	50h R2 L5 S6	80, 100 oct.
(CG) Beverly	3 NW, lake E	108	50h L5 S1	80, 91 oct.
Bolton (Clinton)	2.3 NE, RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W, riv W	50	21 S6	80, 91 oct
Brockton	2 S, hwy E	128	22 S6	80 oct. Poles E.W. Rnwy data unver.
Cape Cod (West Barnstable)	2.1 SW, lake SW	100	25 S2	80 oct.
Country Club (Wareham) (NC)	1.3 E, riv S	25	17	Pole line, trees N
Chatham	1.7 WNW, hwy S	66	14 S4	80 oct. Pole line N
Eastham Thundertown	5 N	45	16 S3	(Orleans) Data unverif.
Edgartown	2 S, rds E, NW	20	30 S4	80 oct. Poleline E
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unverified
Fitchburg	2.5 SE, bet RRs	334	45h S6	80 oct Knolls, dike S.
(A) Fort Devens AAF (A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE, NW	140	20 S6	80 oct. Pole line S
Grafton (No Grafton)	0.7 SSW, riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW, RR W	280	28 S6	80 oct
Haverhill	2 NNE, lake S	125	17 S6	80 oct Stack S; pole line NW
HYANNIS	1.2 N, RR E	56	41h S4	80, 91 oct. line NNE
King (Taunton)	4.5 ESE, RR N	45	28 S6	73 oct. Pole P-line SSE
(P) LAWRENCE	2.5 ENE, lake E	155	40h L5 S6	91 oct day only
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(A) LOGAN (Boston)	1.5 E in harb	12	70h R2(L5) S6	80, 91, 100 oct. Rdo rqrd FEE ARMY TMP INACT CIVIL FACS
Mansfield	2 SSE, RR NE	124	25 S2	80 oct Pole line NWNE
Marlboro	2.4 E, RR WSW	265	15 S2	80 oct Ridge SSE, NNW
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S, rd S	68	38h L5 S2	80, 91 oct. Lgts prior req Obsts SE side
Mendon	0.3 S, lake W	450	18 S4	80 oct. No sto P-line N, NW TMP INACT. NO NAVY FACS
Myricks	0.8 N, RR SW	65	20 S4	80 oct. Pole line S
NANTUCKET	2.6 SE, rd N	47	40h L S6	80, 91 oct. Port lgts.
(P) New Bedford	2.5 NNW, RR W	78	50h L5 S2	No fuel.
North Shore (Essex)	Adj NW	20	15 S1	
Norwood	1.8 E, riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs	0.8 SW, rd W	20	20 S4	80 oct. Trees E, SE
(N) Otis OLF (Falmouth)	9 NNE	126	70h	INACTIVE (N)
Plum Island (Newburyport)	2.3 SE, riv N	15	25 L1 S8	80 oct. Pole line E
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE, rd NE	25	17 S4	80 oct. Pole line NNE
Revere	1 N	20	21h L S6	80, 91 oct. Port lgts, fee Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	15 S4	Data unver
Shawsheen Pines (Billerica)	2.7 E, RR NE	110	24h S6	80, 91 oct. Ltd sto. Rnwy data unver. Trees NE, E, SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts" - name changed.			
(N) South Weymouth NAF	1.5 SSE, RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	2 NE	1100	15	Data unverified
(N) Squantum NAS (N)	0.8 W, bay N	10	41h R2 L5 S4	91, 100 oct. No sto. No ngt flying, lgts prior req
Westboro	1.9 WNW, hwy N	310	13 S6	80 oct.
Wilkins (No Attleboro)	2 NE, lake NW	200	18 S6	80 oct. Poleline ESE
WORCESTER	3.5 W, RR SE	1009	55h	

NEW HAMPSHIRE

Boire (Nashua)	2.8 WNW, RR N	185	20h L3 S6	80 oct. Lgts prior req P-line S
CONCORD	1.5 E, riv W	346	40h R1 L5 S6	80, 91 oct
Daniel Webster (Nashua)	3.5 NW, riv E	192	25 S6	80, 91 oct. Data unverified.
Gate City (Nashua)	4 S		20 S4	80 oct. Data unver
(A) Grenier (Manchester)	4 S, RR E	230	70h R3 L5 S6	73, 91, 100 oct. (A)
Hampton	1.6 N, RR W	80	20 S5	80 oct. No sto. Trees N, S.
Hooksett Land & Seaplane	2 S, RR E	187	20 S6	80 oct. No sto
Laconia	3.8 NNE; RR S	536	35h L5 S8	73, 80, 91 oct. Fld lgts prior req.
Lakes Region (Wolfeboro)	2.6 W, RR E	580	14	CLOSED
Merrimack Bay (Concord)	5 NNW, RR W	260	15 S2	80 oct. Poleline S.
Plymouth Mun. Arpk	3.5 WNW, RR N	506	18 S2	Ltd 80 oct. Poleline N
(P) Portsmouth	3 W, bay W	94	50h L5 S6	80, 91 oct.
Wayside (Sommersworth)	2.4 W, RR N	200	15 S2	80 oct. Trees SSE.

[redacted]

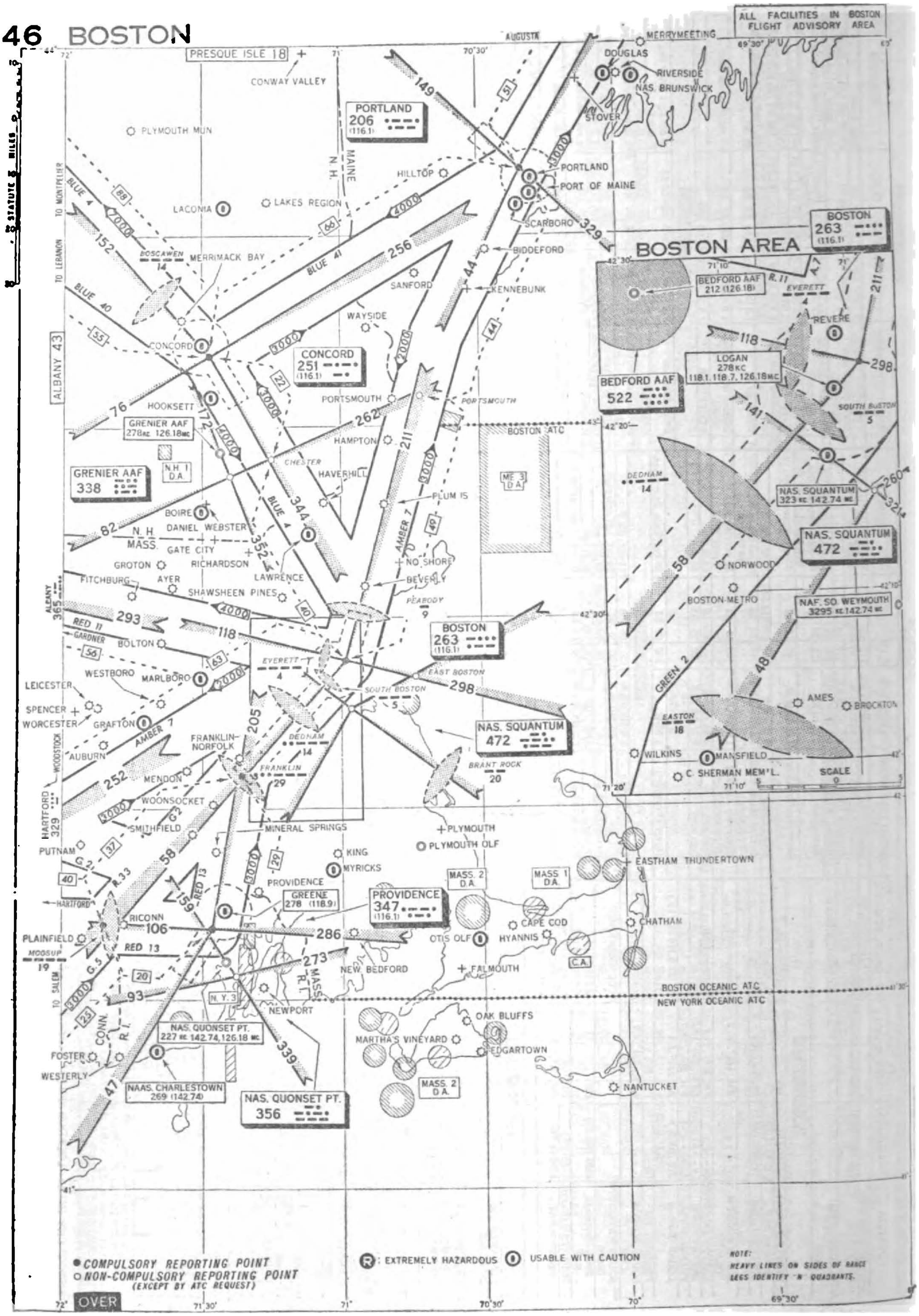
(N) Charlestown NAAS (N)	1.9 SW, hwy N	32	58h R1 (L5) S1	91, 100 oct. No bcn.
GREENE (Providence)	7 S, RR W	53	41h R2 L5 S6	80, 91 oct.
Newport Arpk	3.5 NNE	145	25 S4	80, 91 oct, Emerg lgts only.
Mineral Springs (Providence)	4.6 NW, hwy E	240	11 S4	73 oct. No sto. Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91, 100 oct. NATS
Riconn (Greene)	1.8 WNW, RR S	390	15 S4	80 oct.
Smithfield	1 NE, RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E; riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N) Plymouth, Mass. OLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW; riv W	268	52h	
Conway Valley (Conway, N.H.)	0.3 NW; RR E, S	460	20 S4	80 oct. Trees NNE, SSW. Data unver.
Clifford Sherman Memor'l (Mansfield, Mass)	3 SSW; RR W	130	17 S1	73 oct. Trees sur fld.

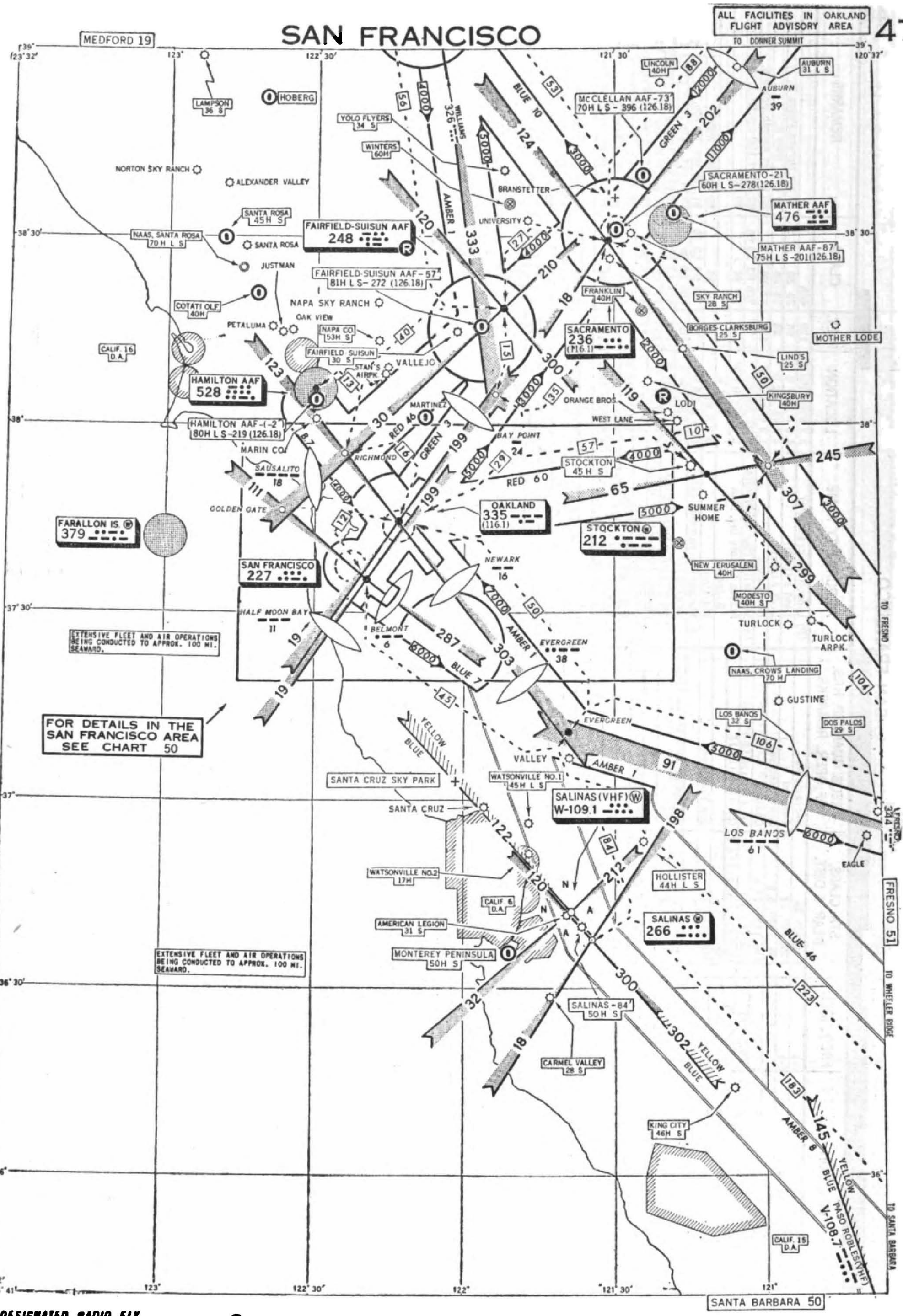
Abbreviations: b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xvii) NC-(not charted). → NEW OR REVISED DATA

STATUTE & MILES



OVER

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

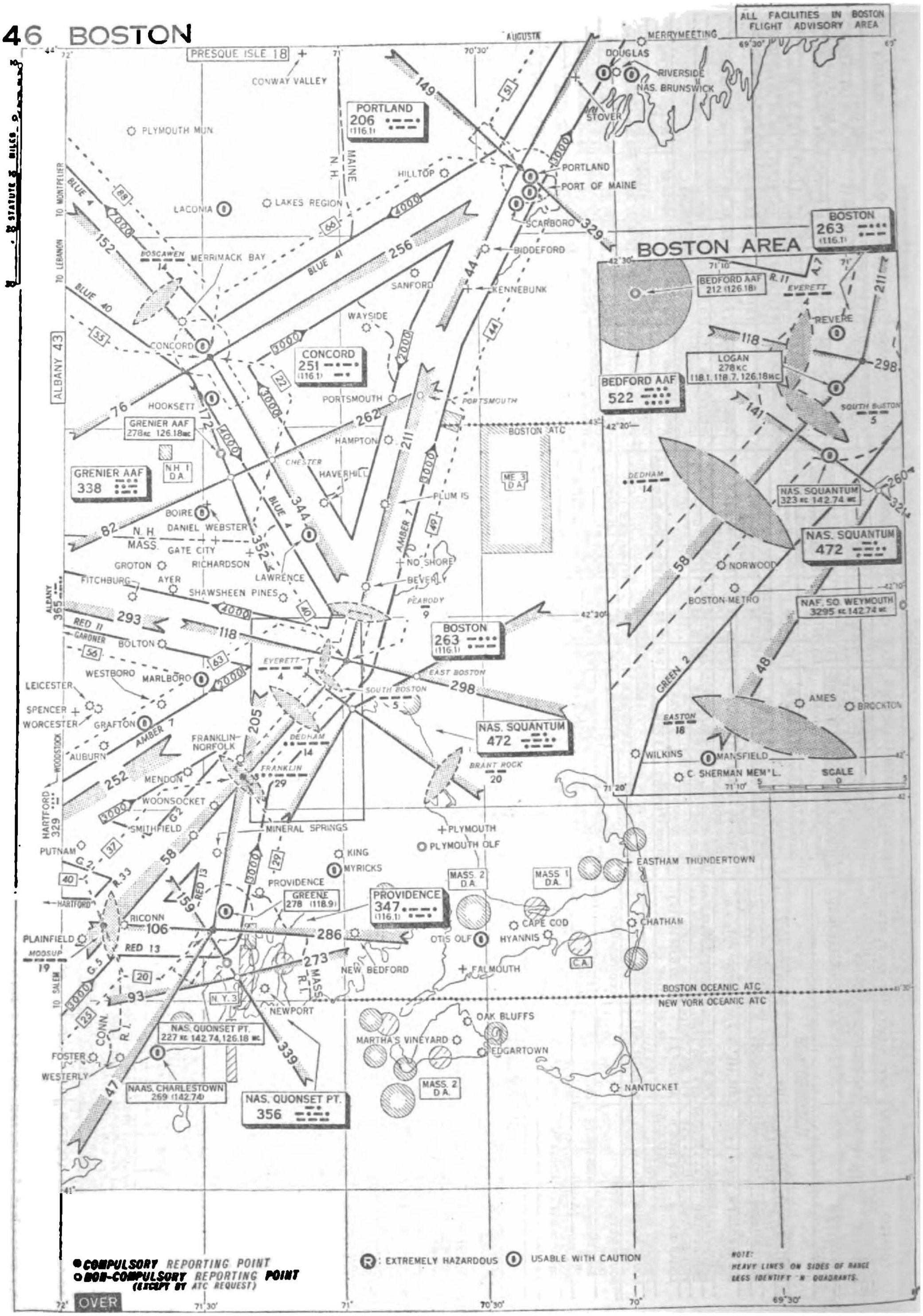
Ⓘ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARIES.

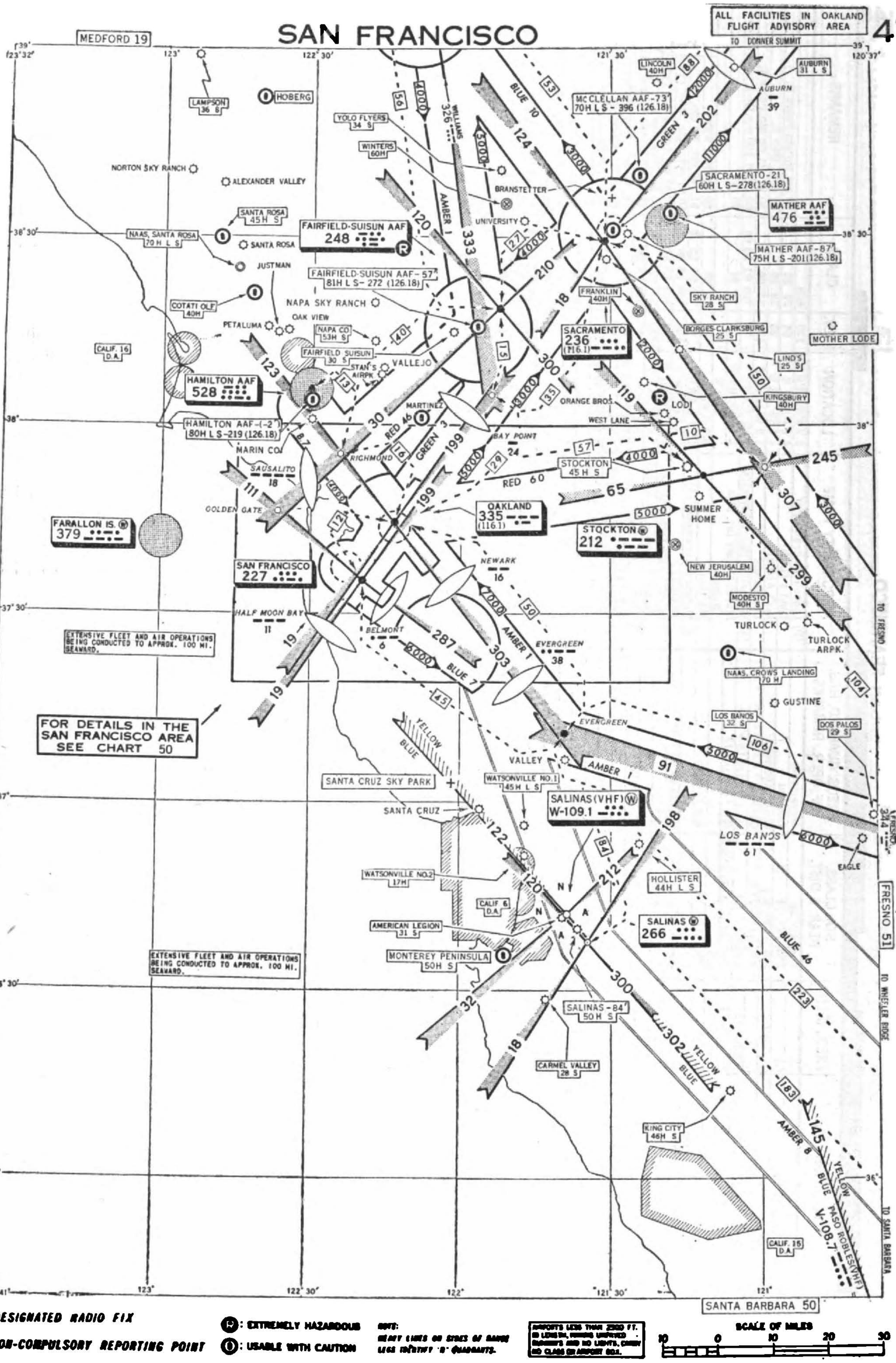
AIRPORTS LESS THAN 2500 FT. IN LENGTH, PAVED OR UNPAVED RUNWAYS AND NO LIGHTS, CLOSED OR REPORT SOL.

SCALE OF MILES
10 0 10 20 30

46 BOSTON


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
BOSTON AREA
PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN
LACONIA
LAKES REGION
HILLTOP
PORTLAND
206
PORTLAND
PORT OF MAINE
AUGUSTA
MERRYMEETING
DOUGLAS
RIVERSIDE
NAS. BRUNSWICK
STOVER
SCARBORO
BIDDEFORD
KENNEBUNK
SANFORD
WAYSIDE
BOSCAWEN
MERRIMACK BAY
CONCORD
CONCORD
251
PORTSMOUTH
HOOKSETT
GRENIER AAF
278kc 126.18mc
GRENIER AAF
338
NH I D A
CHESTER
HAVERHILL
HAMPTON
BOIRE
DANIEL WEBSTER
N. H.
MASS.
GATE CITY
GROTON
RICHARDSON
AYER
FITCHBURG
SHAWSHEEN PINES
LAWRENCE
PLUM IS
BOSTON ATC
ME 3 D A
NO. SHORE
BEVERLY
PEABODY
9
BOSTON
263
EVERETT
4
EAST BOSTON
SOUTH BOSTON
5
BEDFORD AAF
212 (126.18)
EVERETT
REVERE
LOGAN
278KC
118.1, 118.7, 126.18MC
BEDFORD AAF
522
SOUTH BOSTON
5
DEDHAM
14
NAS. SQUANTUM
323 kc 142.74 mc
NAS. SQUANTUM
472
NORWOOD
BOSTON METRO
NAF. SO. WEYMOUTH
3295 kc 142.74 mc
AMES
BROCKTON
EASTON
18
WILKINS
MANSFIELD
C. SHERMAN MEM'L.
SCALE
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
DEDHAM
14
FRANKLIN
29
MENDON
WOONSOCKET
SMITHFIELD
MINERAL SPRINGS
BRANT ROCK
20
NAS. SQUANTUM
472
PUTNAM
PROVIDENCE
KING
MYRICKS
GREENE
278 (118.9)
PROVIDENCE
347
PLYMOUTH
PLYMOUTH OLF
MASS. 2 D.A.
MASS. 1 D.A.
EASTHAM THUNDERTOWN
CAPE COD
CHATHAM
HYANNIS
OTIS OLF
C.A.
RICONN
106
PLAINFIELD
MOOSUP
19
NEW BEDFORD
FALMOUTH
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
N. Y. 3
NEWPORT
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NAS. QUONSET PT.
227 kc 142.74, 126.18 mc
NAAS. CHARLESTOWN
269 (142.74)
NAS. QUONSET PT.
356
FOSTER
WESTERLY
MASS. 2 D.A.
NANTUCKET
BLUE 4
BLUE 41
BLUE 40
AMBER 7
AMBER 1
RED 11
RED 13
GREEN 2
G 2
G 5
R 33
ALBANY 43
ALBANY 365
TO LEBANON
TO MONTPELIER
TO SALEM
HARTFORD 329
WOODSTOCK
CONN. R.I.
MASS. R.I.
149
51
152
256
44
76
172
262
211
82
352
344
293
118
205
252
58
159
273
339
47
298
141
260
321
48
3000
4000
2000
5000
7000
88
66
55
22
44
56
63
40
49
29
37
20
23
R: EXTREMELY HAZARDOUS
USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
OVER
72°
71°30'
71°
70°30'
70°
69°30'
42°30'
42°20'
42°10'
42°
41°30'
41°
71°10'
71°20'

SAN FRANCISCO



LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT	(3);4220,126.18
Fairfield-Suisun AAF (Army)	272 (126.18)	CA(ILS)(GCA);210°,4.7	(3); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	328 (DHF)	HZ	
Hamilton Field	219 (126.18)+	CA; 160°, 2.1	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266 (SB)	MRLW , 310°,2.4	
SAN FRANCISCO	227 (SF)	SBMRLZ-DT,291°,3.6	(3)
SANTA ROSA NAAS (NC)	3295 (142.74)	CN	(3); 142.74 (req. only)
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON,CALIF.	212(JW)	MRLW,285°,3.1	
NEW RADIO FACILITIES			
SALINAS	109.1(SB)	VARW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(L6)(A)	110.3 (W)	335	210° Mag.	IM- (0.06)	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Standard Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW	75	31	CLOSED.White crosses mark ends landing areas.
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg (Clarksburg)	2.4 NNE,riv SE	15	25 S6	80 oct.No sto.Power line E.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.
Carmel Valley	12.5 ESE,riv S	450	28 S4	80 oct.No sto.
(N) Cotati OLF (N)	1.5 N,RR E	94	40h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	INACTIVE.
Dos Palos	1.6 S,RR W	146	29 S6	80,91 oct.No sto.Pole line S.
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.No sto.
Fairfield-Suisun	1 E,RR N	7	30 S5	80 oct.Poles N,S.
(A) Fairfield-Suisun AAF (A)	5.5 NE	57	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.0 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	6 WSW; RR NE	15	40h	
(C) Lampson (Lakeport)	4 SSE,hwy S	1300	30 S2	80 oct.Poles SE.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Lincoln (Sacramento)	3.2 WNW,RR NE	120	40h	
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.No sto.Poles E.
Lodi Airpark	4.5 SW,RR W	25	28 S6	80 oct. Hwy E.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE,RR W Hwy W	2	17 S4	80 oct.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L2 S1	80,91 oct.Lgts prior req.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	40	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct. Pole line E.
(P) Salinas	2.5 SE,RR SW	84	50h L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	7 NW,RR E	118	45h L5 S6	80,91 oct.Lgts on req.
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h R1 L5 S4	91, 100 oct. No sto.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S5	80,91 oct.Port rnwy lgts.Pole
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. line SE.
State Forestry(Davis)(NC)	3 E,hwy N	228	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	27	45h L5 S6	80, 91, 100 oct. Lgts prior req.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE,RR W.
University(Davis)	2.4 WSW,RR E	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct.
Valley (Morgan Hill)	1.2 S,hwy E	540	17 S1	80 oct.Pwr pole SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW,bay W	125	17h	
West Lane(Stockton)	4.1 N,RR W	25	25 S1	73, 80 oct.
(A) Winters Flight Strip(Davis)	6.2 WNW,hwy W	97	60h	CLOSED(A)
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S4	80 oct.No sto.Port rnwy lgts. Poles E.
NEW AIRPORTS				
Santa Cruz Sky Park	5 N; hwy E		21h S2	80,91 oct. Data unver.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
Placerville (NC) (Calif.)	1.5 SE;hwy NW	2550	32	Use in emerg only.

TEMP INACT NAVY FACS

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(116.1)	SBMRAZ-DTV	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C (ILS);141°, 1.5	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUQ)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMK; 123°, 16	Oakland
OAKLAND	335(OA)(116.1)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4):126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAF	338 (142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227 (SF)	SBMRLZ-DT	(3)
San Francisco Airport	269(126.18,118.9)	C; 291°, 3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	K; 285°, 10	San Francisco
→ SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);126.18,142.74,116.1
SANTA BARBARA	(108.3) (OY)	VARW	
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,122.5 (6-18)
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9 (W)		300°Mag.	IM- (0.07)	MM- ····· (0.80)	OM- -- (4.71)
					MMK-	OMK-
→ OAKLAND	109.9	333.8	274°Mag.	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (31-3105, 4495, 6210 kcs; 141-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 L3 S6	80,91 oct.Bldg SSE.No bcn. Strip lgts prior req.
Belmont	0.5 N,RR W	5	30 S4	73,80 oct.No sto.Bay E.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS(Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS(Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
→ (A) Gardner (Taft)AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay(A)	5.5 NW,hwy NE	36	50h	CLOSED | Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct.Data unver.
(N) Livermore NAS (N)	3.7 E,RR N	626	42h	INACTIVE.
(N) Livermore OLF (N)	2 WNW,hwy E	448	40	Closed-use in emergency only.
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). → New or revised data

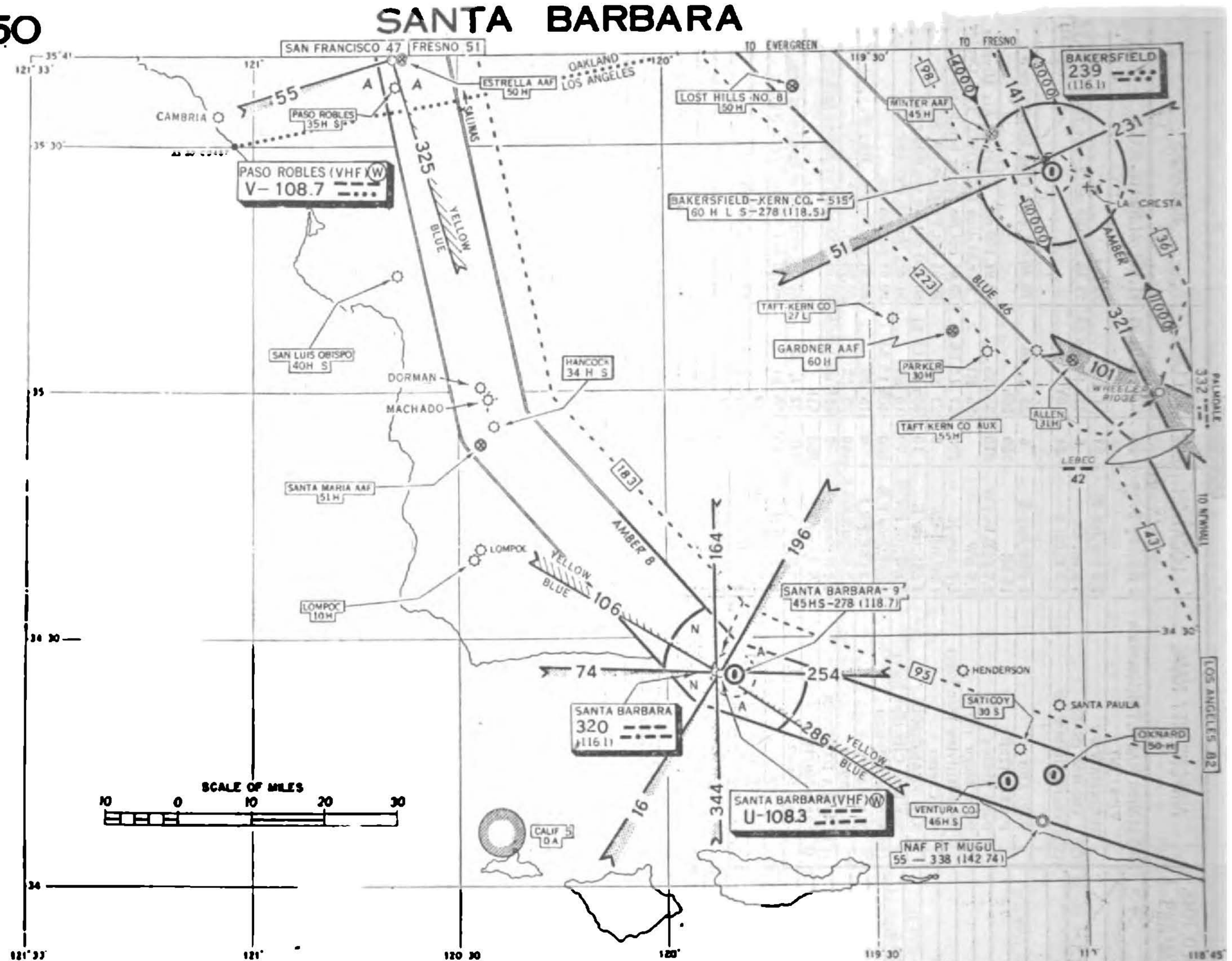
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View)(N)	2 NE,hwy S	20	70h R2 L4 S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	31 S6	73 oct.
(N) Oakland (NAS)	5 S,RR SE	5	62h R3 L6 S6	73,80,91,100 oct.2-way rdo req.NATS
(P) Oxnard Flight Strip	5.5 E,RR S	84	50h	(Hospital)
Palo Alto	2 ENE,bay E	5	23 L S6	73,80 oct.Port.rnwy lgts.Poles S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. | Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	200	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S1	80,100 oct.No sto.Rdo req.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct.No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W.
San Ramon	2.5 SE;RR adj E	440	25 S2	80,91 oct.
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	
Santa Paula	0.8 S;riv S	240	22 L S6	80 oct.Port.strip lgts prior req.
Saticoy	1.5 S;RR N	80	30 S1	80,91 oct.No sto.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy #5	3.6 S	190	40h	
Ventura County (Oxnard)	1 W;hwy E	44	46h L S6	80,91 oct.Flares prior req.
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.

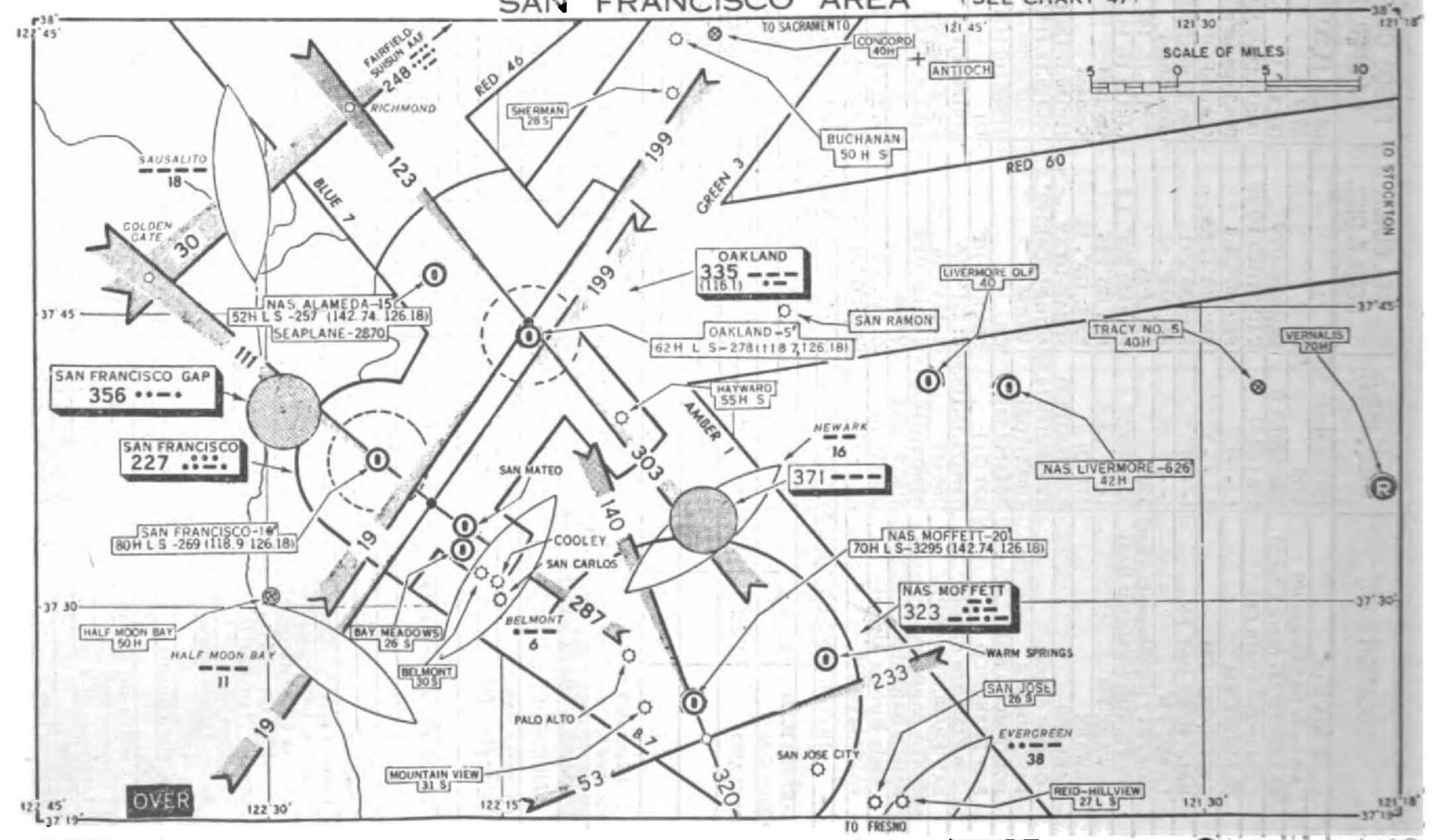
NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR S	6	21 S6	80,91 oct. Hwy SW.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
→ Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 47)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

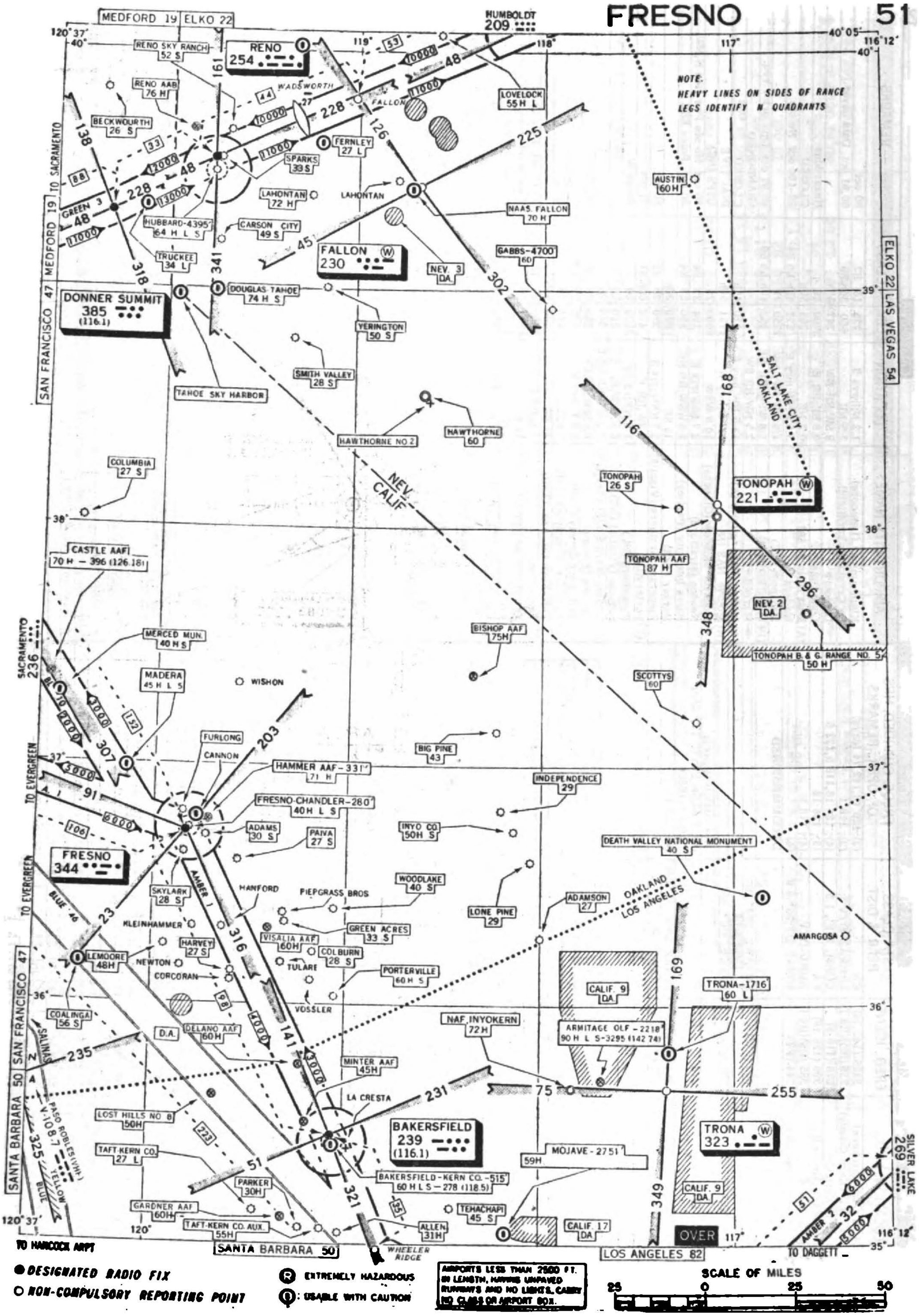
NOTE
HEAVY LINES ON SIDES OF RANGE
LEGS INDICATE 8 QUADRANTS.

AIRPORTS LESS THAN 3000 FT. OR LIGHTED, HAVING OBSTRUCTIONS AND NO LIGHTS, CLOSED NO CLASS OR AIRPORT USE

Ⓡ. EXTREMELY HAZARDOUS

Ⓤ. USABLE WITH CAUTION

FRESNO 51


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO 254
RENO SKY RANCH 52 S
RENO AAB 76 H
BECKWOURTH 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
FERNLEY 27 L
SPARKS 39 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
NAAS, FALLON 70 H
HUBBARD-4395 64 H L S
CARSON CITY 49 S
TRUCKEE 34 L
FALLON 230
GABBS-4700 60
NEV. 3 DA
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE NO 2
HAWTHORNE 60
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
SALT LAKE CITY OAKLAND
TONOPAH 26 S
TONOPAH 221
TONOPAH AAF 87 H
NEV 2 DA
TONOPAH B. & G. RANGE NO. 5 50 H
SCOTTYS 60
COLUMBIA 27 S
NEV. CALIF
CASTLE AAF 70 H – 396 (126.18)
SACRAMENTO 236
MERCED MUN. 40 H S
MADERA 45 H L S
WISHON
BISHOP AAF 75H
FURLONG
CANNON
HAMMER AAF – 331' 71 H
BIG PINE 43
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40 H L S
ADAMS 30 S
PAIVA 27 S
INYO CO 50 H S
DEATH VALLEY NATIONAL MONUMENT 40 S
FRESNO 344
SKYLARK 28 S
HANFORD
PIEPGRASS BROS
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
OAKLAND LOS ANGELES
AMARGOSA
KLEINHAMMER
VISALIA AAF 60H
GREEN ACRES 33 S
HARVEY 27 S
LEMOORE 48H
NEWTON
CORCORAN
COLBURN 28 S
TULARE
PORTERVILLE 60 H S
VOSSLER
CALIF. 9 DA
TRONA – 1716 60 L
COALINGA 56 S
DELANO AAF 60H
NAF, INYOKERN 72 H
ARMITAGE OLF – 2218' 90 H L S-3295 (142 74)
MINTER AAF 45H
LA CRESTA
LOST HILLS NO 8 50H
BAKERSFIELD 239 (116.1)
MOJAVE – 2751' 59H
TRONA 323
TAFT-KERN CO. 27 L
BAKERSFIELD-KERN CO. – 515' 60 H L S – 278 (118.5)
PARKER 30H
TEHACHAPI 45 S
CALIF. 17 DA
CALIF. 9 DA
GARDNER AAF 60H
TAFT-KERN CO. AUX. 55H
ALLEN 31H
WHEELER RIDGE
SILVER LAKE 269
TO HANCOCK ARPT
SANTA BARBARA 50
LOS ANGELES 82
TO DAGGETT
OVER
SAN FRANCISCO 47 MEDFORD 19 TO SACRAMENTO
TO EVERGREEN
SAN FRANCISCO 47 SAN FRANCISCO 50
SALINAS
PASO ROBLES (VHF) V-108.7
YELLOW
BLUE
BLUE 46
AMBER 1
ELKO 22 LAS VEGAS 54
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R EXTREMELY HAZARDOUS
Q: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
25 0 25 50

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239 (BD)(116.1)	SBMRAZ-DTV	(3); 116.1
Bakersfield Kern Co.	278 (118.5)	C(ILS); 141°, 1.5	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344 (FT)	SBRAZ-DT,23°,0.9	(4)
MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SMRAWZ, 349°, 11	
NEVADA			
FALLON (NAS)	230 (VA)	SRAWZ; 219°, 2.9	
GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4); Wed,Sat,Sun (6-19, other days 8-1630)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOC/FREQ	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9 (W)		300° Mag.	IM- (0.07)	MM- ·····(0.80)	OM- ——(4.71)
				MMK-		OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N	300	31	(NC)
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1
Coalinga	1.5 N;hwy E	664	56 S4	80 oct. Hill N, W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;rd S	220	19 S4	73,80 oct. No sto. Poles N,NW,SE.
Cornell (Porterville) (NC)	2.4 SSW;RR E	470	26	Poles SE.
Death Valley (Furnace Creek)	1 WNW	178	40 S2	80,91 oct. Data unver.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano	1.5 SE;RR W	315	60h	
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct. No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	33 S6	80 oct. Pole line SE.
(A) Hammer (Fresno) (A)	4.8 NE;rds N,E	331	71h	CLOSED.
Hanford	1.2 SE;RR W	246	20 S4	80 oct.
Harvey (Corcoran)	2.7 NNW;RR W	200	27 S4	80 oct. No sto.
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S2	80 oct.
La Cresta (Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lemoore	9 SW;RR NW	247	48h	
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	265	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80-100 oct. No sto.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	INACTIVE
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;riv E	194	23 S4	80 oct. No sto. Pwr line N,NW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S2	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
* Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto. Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	21	Mtns - timber 2000' NE Closed to Public
(P) Visalia	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.
NEVADA				
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h S6	73 oct.
* Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon NAAS	6 SE;hwy S	3931	70h	INACTIVE
* Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91 oct.
Lahontan (Fallon)	1.4 SSW;hwy N	3980	24 S4	80 oct. Poles ENE,WSW. Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	40	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
* Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;RR W	4483	50 S1	73 oct.
NEW AIRPORTS				
Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct. Hi-line S. Data unver.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC (not charted). → NEW OR REVISED DATA

[redacted]

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
[redacted]			
NEEDLES	400(NJ)(116.1)	BMRLZ-DTV,198°,2.2	(4), 116.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.8	(4), 116.1
[redacted]			
CRYSTAL FM	(-)	FM;28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM;203°,33	Las Vegas
LAS VEGAS	208(LQ)(116.1) (111.1)	SBMRAZ-DTV	(3)131.7,116.1 only
Las Vegas AAF	278(126.1,118.7)+	C (ILS),34°, 1.9	(4):118.7,126.1,122.5 (8-midnite)
[redacted]			
BRYCE CANYON (Int.)	108.3(BV)(111.1) (116.1)	VAR-DPTV,35°,0.8	3117.5,131.7,116.1, 129.7 cont.(3)req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(111.1) (116.1)	VAR-DPV,229°,7.8	3117.5;131.7,116.1, 129.7(3) on req.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)						
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAS VEGAS AAF	110.3 (W)	335	25° Mag	IM	HM ·-·-(0.66)	OM -- (4.2)
					HMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L3	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE	3400	29 L1 S4	73 oct.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14.8 S,RR W	6362	65 S4	80 oct.Trees ENE,WNW, SSW.Rnwy data unver.
(A) Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	34 S1	73 oct.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S1	80,91 oct.All lgts prior req.
(P) Valle	2.3 E'RR W	5990	60 L3	Fld lgts prior req.
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	41 S6	80 oct,Mts SW.
(P) Yucca	1.5 NE,RR W	2030	60h	

[redacted]NIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

[redacted]

Alamo (Las Vegas)	5.5 SSW,RR SW	2000	35 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2450	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas AAF(A)	7.8 NE,hwy NW	1890	65h R3 L6	TEMP INACT. NO FACS.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	5.5 SW,RR E	2200	17	Mts WSW,ENE,E.
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

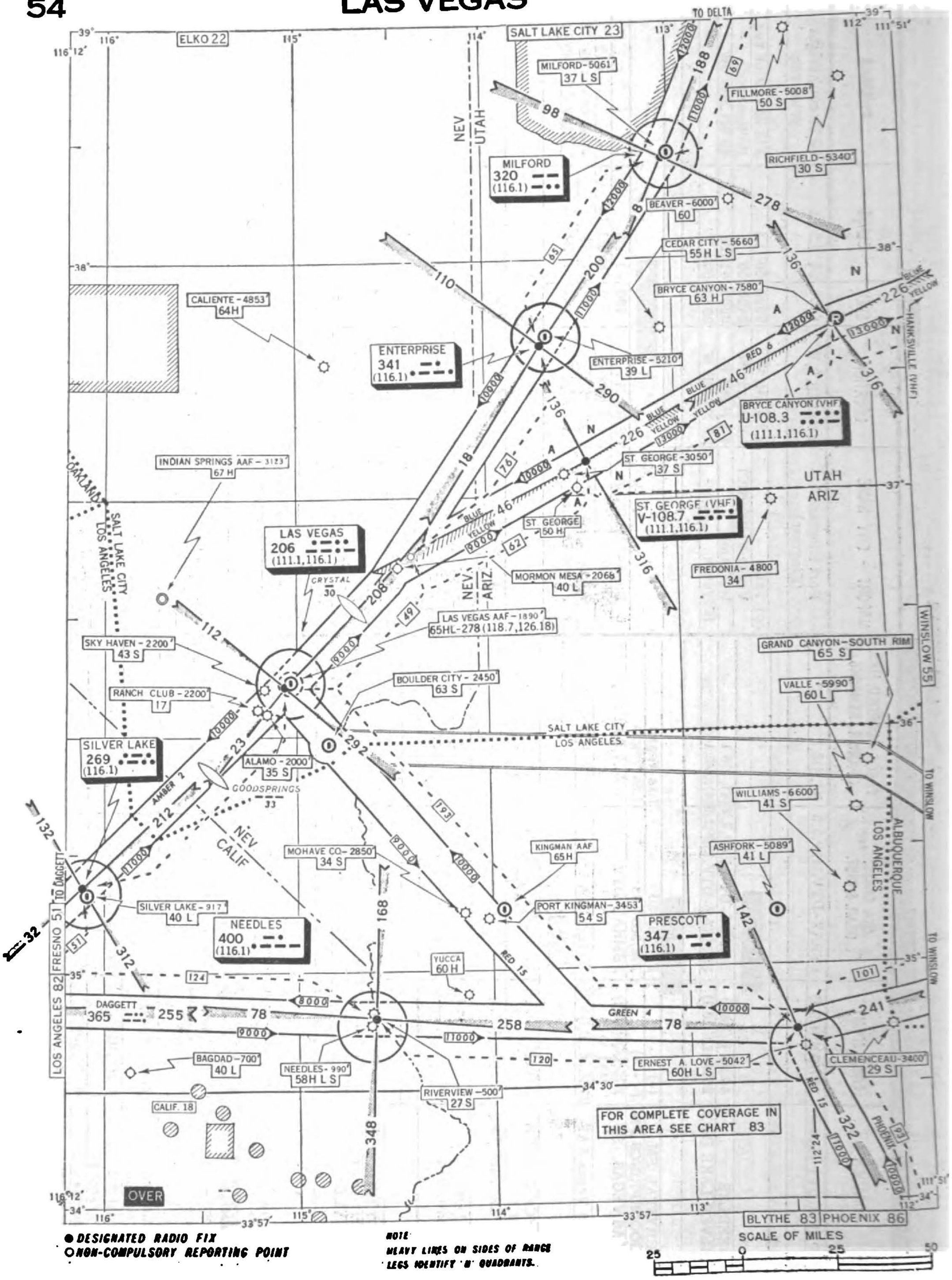
UTAH

Beaver	3.2 SSW,hwy E	6000	60	
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L5 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy N	5210	39 R1 L3	LA-SL
Fillmore	2 WSW,hwy SE	5008	50 S2	73 oct.
Milford,45,LA-SL	2.3 NNW,RR E	5061	37 R1 L3 S1	80 oct.
Richfield	1.8 SSW,RR E	5340	30 S4	80 oct.
→ St.George	1.5 SSW,riv SSE	3050	37 L2 S6	80,91 oct.Fld lgts & svcg prior req.
* St.George Int,36, LA-DV	6 SE		50h	

NEW AIRPORTS

b-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X I D) NC-(not charted). → NEW OR REVISED DATA

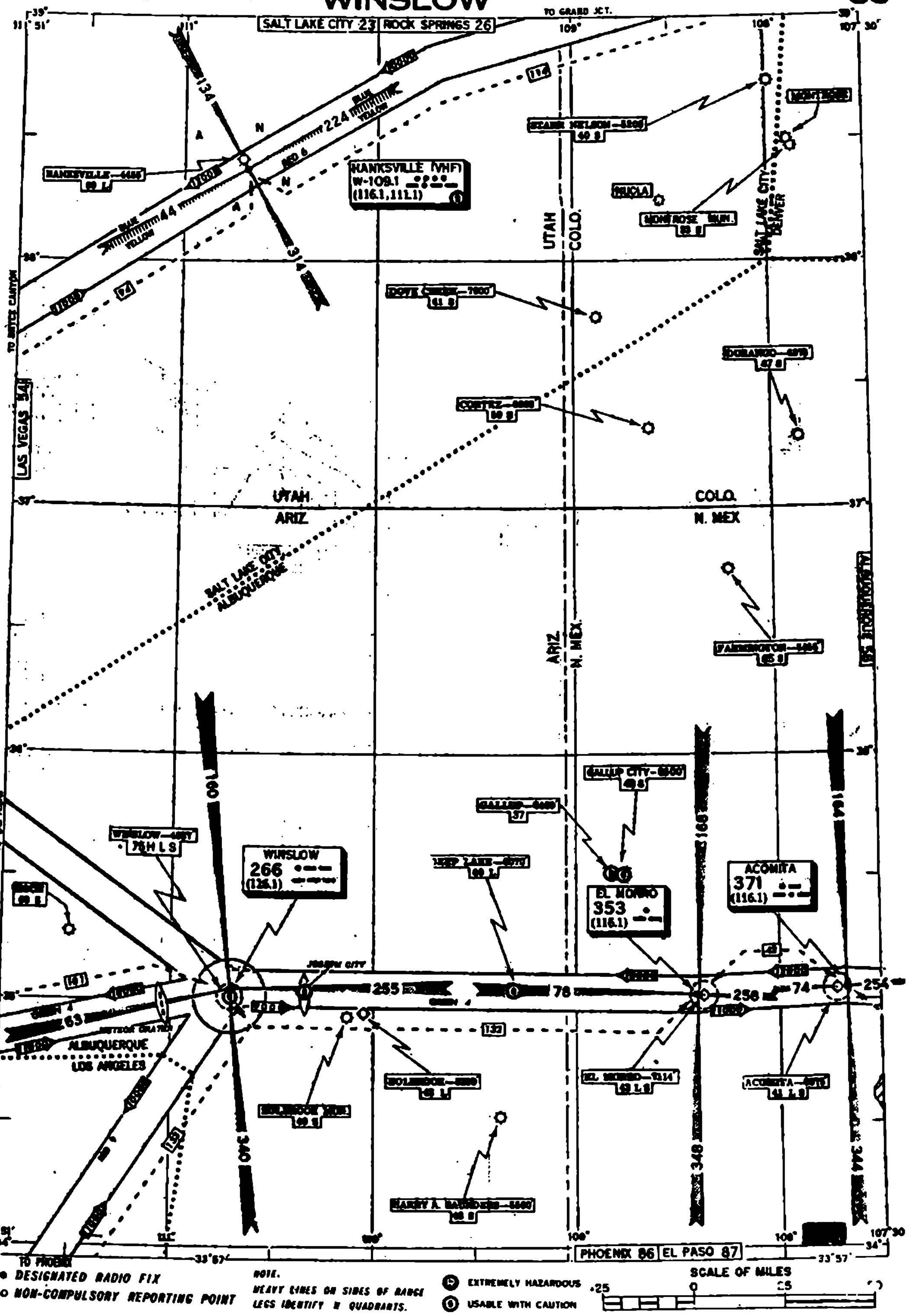
LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

WINSLOW



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.

EXTREMELY HAZARDOUS

USABLE WITH CAUTION

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4), 116.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4), 116.1
HANKSVILLE Int.	109.1(HY)(111.1) (116.1)	VAR-DPV,314°,2.8	(3) on req,3117.5;116.1, 131.7,129.7

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.98 mcs.

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.4 NE;hwy W	4200	50	
* Deep Lake Int,54A, LA-AQ	1.5 W;hwy E	6070	40 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	48 S6	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L3	
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S1	Ltd 80 oct. Hills SW
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct. 25' poles NE
Window Rock(NC)	0.8 SSW;rd N	6800	52	Bluffs ENE,NNE
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S1	91 oct.

COLORADO

(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose Mun.	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Acomita Int,63, LA-AQ	7.8 W;hwy N	6575	41 R1 L3 S1	73,91 oct. in emerg.
Cubero (NC)	2.4 W;hwy S	6200	30	Pole line S. 11,000' mtns N.
* El Morro Int,59B, LA-AQ	4.5 WSW;lake NW	7114	42 R1 L3 S1	Ltd 91 oct. Rough.
Farmington	1.4 NW on mesa	5495	65 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Poleline SSW
Gallup City	2.6 WSW;RR N	6500	48 S4	80 oct Poleline WSW
Indian Service (Shiprock) (NC)	1.8 SSW;riv N	5100	19	Pole line NW.
* Hanksville Int,54, LA-DV	4 NE	4455	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	

NEW AIRPORTS

Aztec (NC) (N.Mex.)	2.2 NW on mesa	5700	28	Emerg only.
Montrose,(Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X11) (NC) Not charted. → NEW OR REVISED DATA.

ALBUQUERQUE

RADIO — COLORADO

LOCATION	FREQ IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED. HRS OF OPER., REMARKS
COLORADO SPRINGS (Peterson)	224 (CD)	MRLWZ 166°,3.9	
FOUNTAIN FM	(- - - -)	FM;344°,32.7	Pueblo
LA JUNTA AAP	281(LH)(116.1)	SBMRLZ-DTV;194°,2.6	(4);116.1
PETERSON FIELD(Colorado Springs)	272 (126.18)	CA	(4);116.1,126.18
PUEBLO	302(PU)(111.1,116.1)	SBRAZ-DTV;340°,2	(4);116.1,111.1,122.1
TRINIDAD	329 (TD)(116.1)	SBMRAZ-DTV;170°,3	(4);116.1
NEW MEXICO			
ALBUQUERQUE (Kirtland)	230(AB)(116.1)	SBRAZ-DTV;354°,3.1	(3); 116.1
CLOVIS (Army)	203 (DCV)	MRAWZ	(3)
Clovis AAF	346 126.18)	CA(ILS);34°,6.2	(3);126.18
Clovis AAP	526 (DCV)	HW-DT, 130°,1.6	
JUAN TOMAS FM	(- -)	FM; 71°, 18	Albuquerque
KIRTLAND FIELD (Albuquerque)	278(126.18,118.7	AC (ILS)	(4);126.18,118.7,122.5
LAS VEGAS	359(VH)(116.1)	SBMRAZ-DTV;80°,3.2	(4);116.1
MAXWELL FM	(- -)	FM, 170°, 54	Trinidad, Colo.
OTTO (Int.)	290(OT)(116.1)	BMRLZ-DTV;74°,0.2	(4); 116.1
PERALTA FM	(- - -)	FM, 174°, 11.6	Albuquerque
SANTA FE (New)	206(SJ)(116.1)	MRTV	(4); 116.1
TUCUMCARI	212(YC)(116.1)	SBMRAZ-DTV;76°,2.2	(4); 116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ CLOVIS AAF (A)	109.9 (W)		33° Mag.	IM- (0.23)	MM- ·····- (0.86)	OM- -- (4.36)
					MMK-	OMK-
→ KIRTLAND	110.3 ·-·-	335	349° Mag.	IM-	MM- ·-·- (0.66)	OM- -- (4.32)
					MMK-	OMK-

S Simul Range and Voice W Without Voice Z VHF Range Station Location Marker (3) 3105 4495 6210 kcs. (4) 3105 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice → Army A.C.S. transmits on and guards 116.1 137.88, 140.58 mcs

AIRPORTS — COLORADO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamosa	2 S; hwy W	7550	58 L3 S4	80 oct. Fld lgts prior req.
(A) Arlington #4(La Junta)(A)	28 NNE	4424	70h	Arlington 3.3 WNW. CLOSED
Black's (La Junta)	4.8 S;riv 5 S			ABANDONED
Costilla County(Mesita)	4 E; RR W	7750	75	
Creede	2 SSE;hwy NW	8800	50 S2	No fuel. Rough off strips. Data unver.
Cress (Westcliffe)	6 W	8000	30 S1	80 oct. Pole line E.
Fremont Co. (Canon City)	6.9 E; riv S	5350	49 S2	80 oct. Rnwy data unver.
Gregg (Pueblo)	6 N;RR,hwy E	5000	40 S1	80 oct.
(A) La Junta AAP (A)	4.4 NNE;rd W	4262	80h R1	TMP INACT NO FACS
La Junta Bridges (La Junta)	3 SW; hwy W	4140	30 S1	80 oct. Data not verified.
Las Animas	1.4 S; RR N	3900	28 S4	80 oct. Poles W.
(A) Las Animas (La Junta)(A)	19 NE	4119	70h	Las Animas 5.9 SSE. CLOSED
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	
Monte Vista	3.5 W; RR N	7710	55 S4	80 oct.
Nichols (Colorado Spgs)	2.8 NNR;hwy W	6200	42 S6	80,91 oct. Pole line SE,NE,N.
Ordway (NC)	0.9 S; RR N	4300	40	NOT MAINTAINED.
(A) PETERSON (Colorado Spgs)	6.3 E; hwy N	6170	85h R2 L5 S6	73,91,100 oct. No sto. (A)
Pine Valley(ColoradoSpgs)	9.2 N; hwy E	6575	47 S6	80,91 oct. Poles E,W,NNW.
(P) PUEBLO	2.1 SW	4853	53h R1 L5 S6	80,91 oct.
(A) Pueblo AAB (A)	7 NE; RR S	4712	88h	TMP INACT NO FACS
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	Pole line NE
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 S.
Rock Mtn.(Colorado Spgs)	6 ESE	6100	35 S2	No fuel.
Royal Gorge(Canon City)	6.4 NW; hwy N	6320	26 S2	80,91 oct. Pole lines N.
(P) Saguache	2 W; hwy NE	7700	48 S1	80 oct.
Salida	4 W; RR S	7500	36 S2	80 oct.
Trinidad	10.5 ENE;hwy E	5756	34h R1 L1 S2	80 oct. Use rnwys only.
Valley (Silver Cliff)	0.7 ESE;hwy W	8000	40	

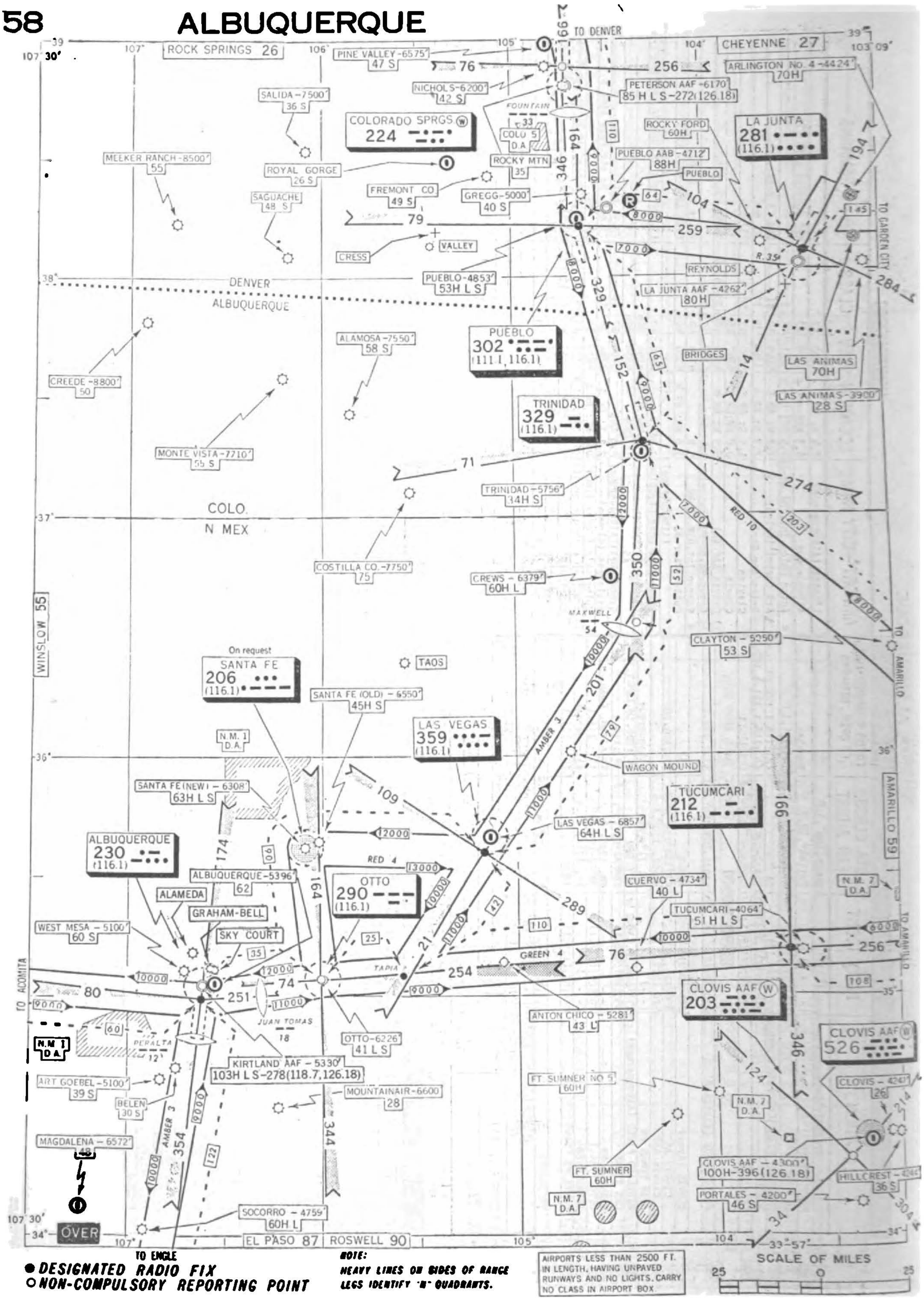
NEW MEXICO

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Alameda (Albuquerque)	7.4 N; RR E	5400	37	
Albuquerque	6.3 ESE;hwy N	5429	62	RPC surplus acft fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE; hwy E	5281	43 L3	
Art Goebel (Belen)	3.2 W; RR E	5100	39 S1	Ltd 73 oct.
Belen Air Strip	2.7 N; RR E	5000	36 S1	73 oct.
Clayton	1.5 E; RR S	5050	53 S2	73 oct.
Clovis	0.8 NW;RR S	4247	26	
(A) Clovis AAF (A)	6.5 W; RR N	4300	100h R3 L5 S6	73,91,100 oct.
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	
★ Cuervo Int,81B,LA-AQ	5 N	4734	40 L3	Poles W, lgtd.
Cutter-Carr #2 (Albuquerque)	3.6 NE; RR W	5120	46	Pole line ENE. (NC)
Eagle Nest Lndg Strip(NC)	1 NE	8450	40	11,000' mts NE. Use in emergency.
Ft. Sumner	1.5 NNE;RR S	4166	60h	
" " #5	16 ENE	4830	60h	
Graham-Bell(Albuquerque)	4.5 ENE	5400	27 S6	73,91 oct.
Hillcrest (Clovis)	2.1 E; RR S	4244	36 S4	73 oct. No sto. Pole line S.
Holbrook's (Cuervo)(NC)	0.8 NE; RR S	4810	19	300' mt. SE
(A) KIRTLAND (Albuquerque)(A)	3.8 SSE; rd N	5330	103h R3 L6 S6	73,91,100 oct. JP-1. No sto. Twrs on fld.
LAS VEGAS	6 NE; RR W	6857	64h R1 L5 S6	80,91 oct.
Magdalena	0.8 N; RR S	6572	48 S1	Ltd 73 oct. Pole line SW.
Maxwell (NC)	1.7 N; hwy E	6000	36	
Mountainair	1.1 NNE;RR S	6600	28	Pole line N.
★ Otto Int,74,LA-AQ	5.8 N Moriarty	6226	41 R1 L3 S1	Ltd 80,91 oct.
Portales	4.5 SW;RR NNW	4200	46 S1	73 oct.
Roy (NC)	1.5 N; RR W	5900	26	PRIVATE
SANTE FE (new)	5.8 WSW;hwy SE	6308	63h R1 L5 S1	91 oct airlines. Poles E.Rnwy lgts on req.
" (old)	6.3 SW;hwy E	6550	45h S6	73,80 oct;91 oct in emerg.
Sky Court (Altuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct. No sto.
Socorro	2.5 S; hwy E	4759	60h L5	Use rnwys only.
Taos	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW.
Tucumcari	7 E;hwy,RR S	4064	51h R1 L5 S6	80,91,100 oct.
Wagon Mound	0.6 WNW;RR E	6500	21	Pence N; mts SE, W.
West Mesa (Albuquerque)	3.8 W; hwy S	5100	60 S6	73,80 oct.

NEW AIRPORTS

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

ALBUQUERQUE

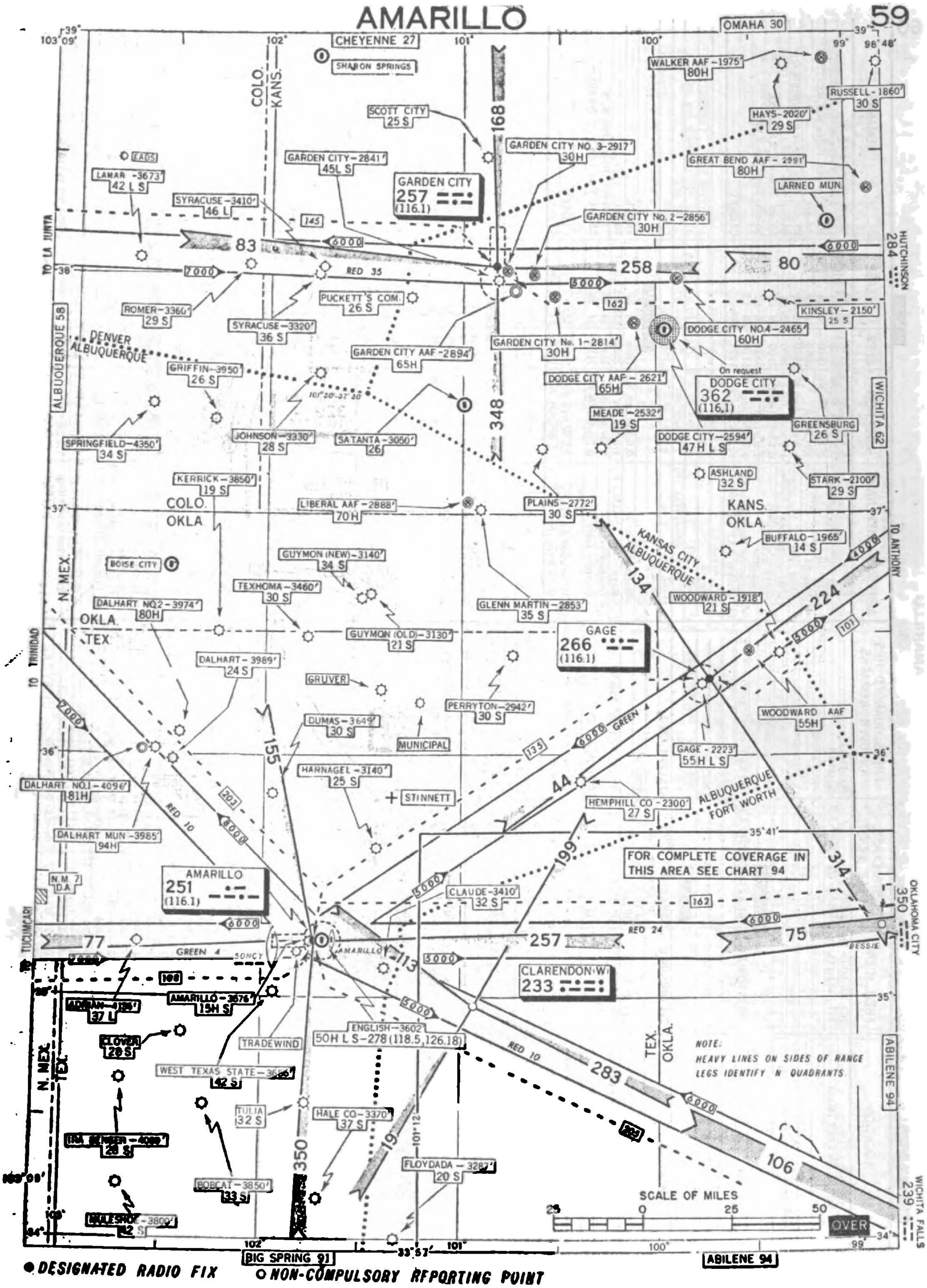


● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

AMARILLO



● DESIGNATED RADIO FIX ○ NON-COMPULSORY REPORTING POINT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
DODGE CITY	362 (DD)(116.1)	MRTV	(4) 116.1
GARDEN CITY (Mun)	257 (GK)(116.1)	SBRAZ-DTV,168°, 3.7	(4);116.1
GAGE	266 (VM)(116.1)	SBRAZ-DTV,224°,2.1	(4) 116.1
AMARILLO	251 (AQ)(116.1)	SBRAZ-DTV,77°,2 to English Fld	(3);116.1.122.1
AMARILLO LFM	(-)	LFM, 77°, 4.9	Amarillo
CLARENDON	233 (CP)	MRLW	
ENGLISH FIELD (Amarillo)	278 (118.6) (126.18)	AC (ILS)	(4);126.18,118.5,122.5
SONCY FM	(- - -)	FM, 257°, 11.5	Amarillo

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ENGLISH	110.3	335	209° Mag.	IM- .---(0.62)	OM- --(5.92)
				MM-	OMK-

S-Simul. Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Griffin (Walsh)	0.7 N,RR S	3950	26 S6	80 oct. Poles S.
(P) Lamar,10,PU-WD	3.7 WSW,RR N	3673	42 L3 S2	80 oct
Romer (Holly)	1.5 SSE,riv N	3360	29 S1	Ltd 80 oct. Pole line SW, NW.
(P) Springfield, Com.	3.8 N,hwy W	4350	34 S1	73 oct. Poles NW, W, SW.
(P) Trading Post (Kit Carson) (NC)	0.8 NW,crk E	4290	40	PRIVATE. Pole line S

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashland	1 E, RR S	1940	32 S2	80 oct. Poles S, E.
DODGE CITY	3.5 ENE,RR SE	2594	47h R1 L3 S6	80,91 oct. Fld lgts prior req.
(A) Dodge City AAF (A)	6 NW, RR S	2621	65h	CLOSED
(A) Dodge City No. 4 (A)	17.4 NNE	2465	60h	CLOSED
GARDEN CITY MUN	3.3 E,riv S	2841	45 R1 L3 S6	73,80 oct. Fld lgts on req.
(A) Garden City AAF (A)	9 ESE,riv S	2894	65h	TMP INACT NO FACS.
(A) Garden City No. 1(A)	19.5 ESE	2814	30h	CLOSED
(A) Garden City No. 2(A)	13.4 E	2856	30h	CLOSED
(A) Garden City No. 3 (A)	6 ENE	2917	30h	CLOSED
Glenn Martin(Liberal)	2 ESE,hwy SW	2853	35 S2	80 oct. Pole line SE,SW.
(A) Great Bend AAF (A)	4.5 WSW	1891	80h	CLOSED
Greensburg	1 ESE,RR N	2230	26 S1	80 oct. Poles N.
Hays	1.5 E,RR S	2020	29 L S6	80, 91 oct. Port rnwy lgts.
Johnson	0.5 N,hwy W	3330	28 S6	80 oct. Pole line N,NW,NE,S.
Kinsley	1.5 SSE,riv SE	2150	25 S1	80 oct. Pole line W
Larned Mun	1.6 NNE;RR SE	2012	33 S6	80,91 oct.
(A) Liberal AAF (A)	1.5 WNW	2888	70h	CLOSED
Meade	3 ESE,hwy N	2532	19 S2	80 oct.Use strips only.Pole line N.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page XII) (NC)-Not charted, → NEW OR REVISED DATA

KANSAS

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Plains	1.3 NNE,hwy N	2772	30 S2	80 oct. Pole line S, E.
Pucketts Com.(Lakin)	3.5 S,riv N,NW	3050	26 S1	Ltd 80 oct. Trees N
Russell	2.7 ESE,RR NE	1860	30 S4	80 oct.No sto. Poles N,S,NE
Satanta	1 N,RR S	3050	26 S2	80 oct.
Scott City	1.3 ESE,hwy N	2980	25 S1	73 oct. Pole line N,NE,NW,SW
Sharon Springs	1.2 NNW,RR S	3500	32 S1	80 oct. Pole line E.
Stark (Coldwater)	0.7 NE,RR SE	2100	29 S2	80 oct. Poles N,S,E,SE,NE
Syracuse	1 N,riv S	3320	36 S2	80 oct. Pole line S,SE
* Syracuse Int,16,PU-WD	3.7 NNE,hwy W	3410	46 L3	
(A) Walker AAF (Hays)(A)	12.5 E,hwy S	1975	80h	CLOSED

OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Buffalo	0.6 NW,crk N	1965	14 S2	80 oct.
(P) Gage	1.8 SW,riv N	2223	55h R1 L5 S1	80 oct.
(P) Guymon (new)	3 SW,hwy N	3140	34 S6	73, 80 oct, Pole lines N, E.
Guymon (old)	0.7 S,RR,hwy W	3130	21 S6	73 oct. Pwr line N, S. No sto.
(A) Woodward AAF(A)	7.5 W,hwy S,E	2187	55h	CLOSED
Woodward (mun.)	1.5 SE,hwy W	1918	21 L1 S6	80 oct.

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
* Adrian Int,92B,LA-AQ	4.2 SSE,RR N	4136	37 L3	
Amarillo	6 ENE,RR NW	3676	15h S6	73 oct. Pole line N,S.
Bobcat (Dimmitt)	1.5 E,RR W	3850	33 S2	73 oct.
Claude	1.2 W,NW,RR N	3410	32 S1	73 oct. Pole line S,N,NW.
Clover (Hereford)	2.2 NNE,hwy S	3800	28 S2	73 oct. Pole line N,E,SE.
Dalhart	6.2 SSE,RR E	3980	24 S6	73 oct.
Dalhart mun.	3.8 SSW;RR N	3989	94h	
(A) Dalhart No. 1 (A)	9.7 WSW;RR,hwy E	4096	81h I	TEMP INACT. NO FACS.
Dalhart No. 2	5.5 NE,hwy NW	3974	80h	
(P) Dumas	0.7 S,hwy W	3649	30 L S2	73 oct. Poles N. TMP INACT CIVIL FACS
(A) English (Amarillo)	9 ENE,RR N	3602	50h R3 L6 S6	100 oct;100 oct Army.P-line N,NW.ARMY
Floydada	1.2 NNW,RR N	3287	20 S1	80 oct. Pole line S. RR SW
(P) Hale Co. (Plainview)	1.6 S,hwy E	3370	37 S6	80,91 oct.
Harnagel (Borger)	2.5 SSW,RR N	3140	25 S2	80 oct. Use strips. RR E.
Hemphill Co.(Canadian)	1.5 SW, riv N	2300	27 S2	Ltd 73 oct.
Ira Benger (Friona)	1.8 NE,RR S	4000	28 S2	73 oct.
Kerrick	1.5 N, RR SW	3850	19 S1	80 oct. Pole line SW.
Muleshoe	1 ENE,hwy N	3800	42 S1	73 oct.
Municipal (Spearman)	0.8 NW,RR SE	3104	30	Pole line.
(P) Perryton	3 ENE,hwy N	2942	30 S4	80 oct. No sto. Allway fld. P-line SE,
Texhoma	1 SSW,RR N	3460	30 S2	73,91 oct.Pole line N. Wdmill SW
(P) Tulia	1.5 NNW,RR W	3500	32 S1	80 oct. Poleline NE,E,SE.
West Texas State (Canyon)	3 N,hwy E	3686	42 S6	73 oct. 20' Poles SF

NEW AIRPORTS

Gruver,Tex.	0.7WNW,RR E	3200	40 S1	80 oct.P-line W,E,SE,SW.
Eads (Colo.)	1.3 WSW;RR N	4210	46 S6	80 oct. No sto. Poles NE.
Cochran (Morton, Tex.)	1.5 E;rd W	3750	30	P-line E,S.
→ Stinnett, (Texas)	0.6 NNE;RR E		22	Data unver.
Boise City, (Okla.)	3 N;hwy W	4200	33	
Tradewind (Amarillo, Tex.)	1.5 SE	3636	30 S6	Data not verified.

WICHITA

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS: GUARDED, HRS. OF OPER., REMARKS
ANTHONY	382 (AY)(116.1)	MRTV	(4);116.1
→ CASSODAY (Int.)			DECOMMISSIONED
HUTCHINSON	284 (HN)(116.1)	SBMRLZ-DTV;350° 3.1	(4);116.1
KECHI FM	(- - - -)	FM, 341°,10.6	Wichita
OXFORD FM	(- -)	FM, 167°, 27	Wichita
SALINA	108.3 (NS)	VARW	
SMOKY HILL, (Salina)(Army)	344 (DSN)	BMRLZ-DT	(4)
Smoky Hill AAF	396(116.1)(126.18)	CA(ILS);170°,5.05	(4); 116.1,126.18
TOWANDA FM	(-)	FM, 46°,18.8	Wichita
VIOLA FM	(- - -)	FM, 226°, 24.7	Wichita
WICHITA	332 (WD)(116.1)	SBRAZ-DTV	(3);116.1
Wichita Airport	278(126.18)(118.7)	AC(ILS);167°, 1.0	(4);122.5,126.18,118.7

OKLAHOMA

→ ENID (Army)			DECOMMISSIONED
→ Enid AAF			DECOMMISSIONED
PHILLIPS ARPT(Bartlesville)	278	CI	3105 (On req)
PONCA CITY	368(PC)(116.1)	MRTV	(4); 116.1
RED FORK FM	(- - -)	FM; 229°, 13.7	Tulsa
SKIATOOK FM	(- - - -)	FM; 298°, 17.8	Tulsa
TULSA AIRPORT	278(126.18,118.5)	AC (ILS)	(4);118.5,126.18,122.5

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SMOKY HILL AAF (A)	109.9 (W)	333.8	123° Mag.	IM- (0.19)	MM- ·····(0.99)	OM- --(4.20)
					MMK-	OMK-
TULSA	110.3	335	354° Mag.	IM-	MM- ·---(0.65)	OM- --(4.82)
					MMK-	OMK-
→ WICHITA	110.3	335	3° Mag.	IM- ·····(0.05)	MM-	OM- --(5.37)
					MMK-	OMK-

S-Simpl. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 6210 kcs; (4)-3105, 6210, 3117.5 kcs. Parenthetical Numbers on Frequency Columns Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 127.65, 149.50 mcs.

AIRPORTS

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abilene	1.7 WSW; RR N	1100	29 S6	80 oct. Trees E;pole line SE.
(P) Anthony,24,AQ-KC	3 WNW; hwy S	1339	48 R1 L3 S6	73,91 oct.
Arkansas City	3.5 S; RR W	1067	28 S6	73, 91 oct.
Arther Airfield (Wichita)	3 SW; RR N	1290	26 L S6	73,91 oct,No sto.Portlgts.
Baird (Arkansas City)	4 W; hwy S	1100	17 S2	73 oct,Poleline S,SW,Poles S
Beech (Wichita)	6 E; hwy N	1378	46h	Factory use only.
Caldwell	1.2 E; RR W	1140	21 S2	73 oct.Poles E, S
Cannon Ball (Wichita)	6.5 WSW;hwy N	1300	24 S6	80 oct. No sto.Pole line N.
★ Cassoday Int,34,AQ-KC	1 SSE; hwy W	1480	32 L3	Twrs S.
→ Cessna Aircraft (Wichita)	4.5 SE; hwy W	1369	53 S2	80 oct.
Clothier (Cedar Point)	4 SSW;creek E	1320	20 S2	73 oct.
Culver (Wichita)	4 N; hwy W	1320	15h	
Derby	1 NNE; RR W	1305	24 S1	73 oct. Poles N.
El Dorado	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
Ellinwood	1.5 NW; RR S	1790	26 S1	73 oct. Poles N.
Emporia	5.4 S; hwy E	1200	26 S6	80 oct. Poles E,SE,NE.
→ Eureka	3.2 E; RR N			ABANDONED
Frasier (El Dorado)	2.5 S; riv W	1300	25 S6	80 oct. Poles E, NE.
Giffin-Orton (Hoisington)	1.3 NE; hwy S	1870	25 S2	80 oct. Poles S.
Great Bend Airpark	1.6 NNE; RR W	1850	26 S2	80 oct. Poles W.
Herington	1.5 SE; RR W	1450	17 S2	73 oct. Pole line N.
(A) Herington AAF (P)	7.5 ENE	1485	69h	CLOSED
Hilltop (Augusta)	2 NE; RR SE	1260	20 S1	73 oct.
Holyrood	0.5 ESE; RR N	1820	17 S1	73 oct. Poles N.
Hutchinson,com	5.5 W; riv NE	1605	20 S4	80 oct.
(P) HUTCHINSON,MUN.	4 ENE; hwy S	1542	70h R1 L5 S6	80,91 oct.
(N) " NAS (N)	8.9 S;RR NNE	1582	70h	INACTIVE.
Ken-Mar (Wichita)	3 ENE; RR N	1375	23 L S6	80 oct.No sto.Port rnwy lgts.
Kingman	1.5 NNW;RR SW	1600	26 S1	73 oct.Trees S,SW. Obsts
Kiowa Plying Serv.(Kiowa)	2.5 WNW; RR S	1375	19 S1	80 oct. Pole line NNW,SSW.

h-hard surfaced runways R-radio facilities. L-lighting facilities S-servicing (See page X11) (NC)-Not charted. → NEW OR REVISED DATA

KANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lyons	1.4 W; hwy N	1950	26 S6	80 oct. Pole line N.
McPherson	4 NNE; RR W	1500	26 S6	80 oct. Soft when wet.Poles E.
(P) Marion	1.8 ESE;RR W	1370	36 S2	80 oct. Pole line SE.
Medicine Lodge	2.1 SE; RR S	1520	33 S2	80 oct.
Moundridge	2.2 WNW; RR NE	1485	17 S2	Ltd 80 oct. Poles W.
(N) Newton OLF (N)	4 ENE;rd S	1527	70h S6	80,91 oct.Pole line W,N.
Pratt Mun.	2.5 ENE;hwy S	1916	25 S6	73,80 oct.
(A) Pratt AAF(A)	4 N; hwy E	1960	80h	CLOSED
Rawdon (Wichita)	6.7 E; hwy S	1396	26 L S6	73 oct. Port rnwy lgts.
Riverside (Wichita)	4 NNW; riv E	1310	26 S1	80 oct. Poles sur fld.
Salina	2.5 SE;riv W	1275	26 S6	80,91 oct.
Sky Village (Salina)	6.6 WSW;RR SE	1270	20 L S2	80 oct.Port rnwy lgts.Pole line
(A) Smoky Hill AAF(Salina)	4.5 SW; RR E	1289	100hR3 L5 S4	73,91;100 oct. No sto. (A) S.
(A) South (Winfield)(A)	14 SSW	1230	40h	CLOSED
Stafford	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N, S.
Strickland (Hazelton)	2.6 E; RR S	1310	26 S6	73,80 oct. Poles E, N.
(P) Strother (Winfield)	5 SSW;hwy S	1150	58h	
University (Wichita)	5 NE; RR N	1350	27 L S6	80,91 oct.Port rnwy lgts.Pole
Walters (Sedan)	8 N; hwy W	1000	26	PRIVATE. line E.
Wellington	3.5 N; RR W	1290	23 S2	80 oct. Pole line W,E,S.
(A) WICHITA	5.3 SE; hwy W	1373	75h R3 L6 S6	80,91 oct;100 oct Army.Pole N.ARMY
Wilson (Wichita)	7.5 NE;RR N	1410	29 S6	73 oct. No sto. TMP INACT CIVIL PACS.
Winfield	2 E; RR S	1200	22 S2	73 oct.Lgt scft only.Pwr lineW.
Wright Arpk (Abilene)	1 SSE; riv S	1150	13 S1	80 oct. Trees S, E.

OKLAHOMA

Alva	1.4 S; RR N	1320	26 S6	80 oct.
Bartlesville	4 E; rd S	720	34 S6	80 oct.
Blackwell	1.7 W; RR N	1000	32 L4 S6	80 oct.
Brown (Tulsa)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts.Pole NW
Central (Edmond)	2.6 NNE;RR W	1211	24 S1	73 oct.
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW.
(P) Cushing	2 S; RR E	913	52h L5 S6	73,80 oct.
(A) Enid AAF (A)	4 SSW; RR E	1287	56h	TMP INACT;NO PAC.
(A) Great Salt Plains (Jet)	6 NNE;dam 1 N	1200	55h L5	(A)
★ Guthrie Int,21,FV-WD	2 SSE;hwy W	1052	26 L3 S6	80 oct.
Jimmie Ray (Cherokee)	1.5 E; RR SW	1200	26 S1	80 oct. Trees S.
Kell-Air (Thomas)	1.2 SW; RR N	1730	24 S2	80 oct.
Kingfisher	1.3 NW; RR W	1060	24 S6	73 oct.
Kittenbrink (Jefferson)	2 E; RR W	1100	23 S2	80 oct. Trees N.
Newkirk Skypark	2.5 SE; RR SW	1140	32	Pole N, NW.
North (Enid)	3.8 N; RR E	1265	26 S6	80 oct.
Pawhuska	3.8 W; RR E	1000	27 L S1	80 oct.Port rnwy lgts. Pole
(A) Perry (A)	6.6 N; hwy W	1008	52h	CLOSED line NE.
Phillips (Bartlesville)	1.7 WNW;hwy S	750	35h R1 L4 S2	80,91 oct.
(P) PONCA CITY	2.3 NNW;RR S,E	998	36h R1 L4 S6	73,87 oct. Antenna bet twr and
Sapulpa	1.5 ENE;RR W	730	26	Pole line S. hangar, lgtd.
(P) Stillwater #1	3.2 NNW;hwy E	985	50h L3	
" #2	5.6 SSE;hwy W	980	29 S6	73,80 oct.
★ Stroud Int,29A,AQ-LS	3 N; hwy W	883	27 L3	Pole line W lgtd.
Tonkawa	1.6 S;riv NW	1000	25 S1	73 oct. Pole line S, E.
(A) TULSA AIRPORT	6.2 NE;RR S	674	71h R3 L5 S6	73-91 oct;73,100 oct Army. ARMY
Tulsa North (Tulsa)	4.5 NNW;RR E	700	25 S2	80,87 oct.Poles S,SW,SE. TMP
University (Langston)	1 S; rd N	1025	26	Bldg SE corner. INACT
Watonga	1.2 NW;riv SW	1460	16 S6	80 oct. Poles S. CIVIL PACS.
White Brothers (Lamont)	2 WSW; RR E	1000	25 S1	73 oct.
(P) Woodring (Enid)	5 ESE; RR NW	1159	65h L S2	80 oct. Port rnwy lgts prior req

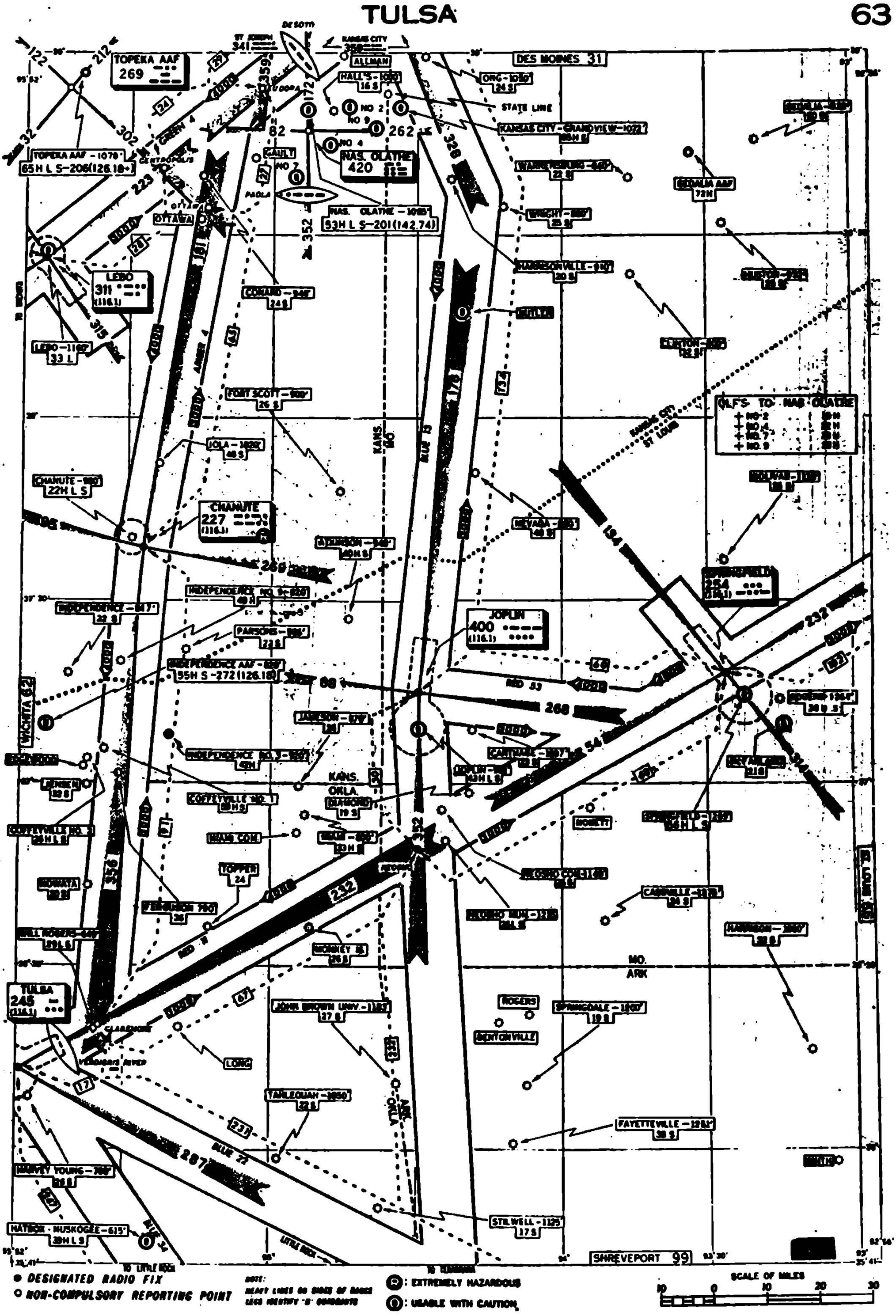
NEW AIRPORTS

Mauks (Blackwell,Okla)	2.7 S; hwy W	987	26 S4	80 oct. Pole line E.
→ Eureka (Kans)	2 E; RR N.	1100	26 S1	80 oct. Hi-line S.Data unver.
Janssen Skytel (McPherson) (Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W; poles E.

62 WICHITA

R EXTREMELY HAZARDOUS O: USABLE WITH CAUTION COMPULSORY REPORTING POINT● NON-COMPULSORY REPORTING POINT○ (EXCEPT BY ATC REQUEST)

OMAHA 30
WRIGHT
251
260
80
71
DENVER
KANSAS CITY
SKY VILLAGE
SALINA
ABILENE
SMOKY HILL AAF
344
SALINA IVHF/
U-108 3
HERINGTON AAF
HERINGTON
HOLYROOD
SMOKY HILL AAF
396·126 18, 116 1·
341
135
GIFFIN-ORTON
350
McPHERSON
ELLINWOOD
OLYONS
JANSSEN
MARION
EMPORIA
GREAT BEND ARPT
HUTCHINSON
284
116 1·
188
191
MOUNDRIDGE
CLOTHIER
HUTCHINSON COM
HUTCHINSON MUN
NEWTON OLF
CASSODAY
162
258
260
RED 35
NAS, HUTCHINSON
STAFFORD
TOWANDA
EL DORADO
95
ELDRETH
CULVER
RIVERSIDE
UNIVERSITY
KEN-MAR
CANNON BALL
ARTHER
WILSON
FRASIER
HILLTOP
BEECH
RAWDON
CESSNA ACFT.
WICHITA
278 (118.7, 126.1B)
DERBY
WICHITA
332
116 1·
PRATT AAF
PRATT MUN
KINGMAN
WELLINGTON
MEDICINE LODGE
AMARILLO 59
GREEN 4
46
347
OXFORD
27
WINFIELD
STROTHER
WALTERS
STRICKLAND
ANTHONY
BAIRD
SOUTH
ARKANSAS CITY
KANS.
OKLA.
KIOWA
CALDWELL
PORTLAND
ANTHONY
382
116 1·
On request
GREAT SALT PLAINS BOMBING RANGE AAF
BLACKWELL
NEWKIRK
PHILLIPS
278
BARTLESVILLE
ALVA
JIMMIE RAY
KITTENBRINK
WHITE BROS
MAIKS
TONKAWA
PONCA CITY
On request
PONCA CITY
368
116 1·
PAWHUSKA
TULSA
278 (118.5, 126.1)
NORTH
WOODRING
ENID AAF
PERRY AAF
180
STILLWATER NO 1
STILLWATER NO 2
CUSHING
UNIVERSITY
KANSAS CITY
FORT WORTH
WATONGA
KINGFISHER
GUTHRIE
STROUD
CENTRAL
KELL AIR
ABILENE 90
FORT WORTH 95
TO BERYALLA


TOPEKA AAF 269
TOPEKA AAF - 1079'
65H L S-206(126.18)
LEBO 311 (116.1)
LEBO - 1160'
33 L
CHANUTE 227 (116.1)
CHANUTE - 980'
22H L S
INDEPENDENCE AAF - 837'
55H S-272(126.18)
INDEPENDENCE - 837'
22 S
TULSA 245 (114.1)
HALLS - 1080'
16 S
NAS OLATHE 420
NAS OLATHE - 1085'
53H L S-201(142.74)
DES MOINES 31
ORG - 1050'
24 S
KANSAS CITY - GRANDVIEW - 1072'
65H S
WARRENSBURG - 960'
22 S
BRIGHT - 980'
25 S
HARRISONVILLE - 940'
20 S
BUTLER
EL DORADO SPRINGS - 1040'
18 S
CLINTON - 880'
12 S
BOLIVAR - 1130'
18 S
SPRINGFIELD 254 (114.1)
JOPLIN 400 (116.1)
CARTHAGE - 1027'
12 S
JOPLIN - 980'
20H L S
NEVADA - 980'
18 S
COFFEYVILLE - 840'
19 S
PARSONS - 998'
22 S
FORT SCOTT - 909'
26 S
IOLA - 1020'
18 S
YATES CENTER - 1040'
18 S
EUREKA - 1080'
18 S
EUREKA AAF 72H
HUTCHINSON - 1040'
20 S
GREAT BEND - 1080'
20 S
RUSSELL - 1080'
20 S
HAYS - 1080'
20 S
HAYS - 1080'
20 S
SALINA - 1080'
20 S
SALINA - 1080'
20 S
MANHATTAN - 1080'
20 S
MANHATTAN - 1080'
20 S
CONCORDIA - 1080'
20 S
CONCORDIA - 1080'
20 S
CLAY CENTER - 1080'
20 S
CLAY CENTER - 1080'
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BELLEVILLE - 1080'
20 S
BELLEVILLE - 1080'
20 S
MARYSVILLE - 1080'
20 S
MARYSVILLE - 1080'
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SENECA - 1080'
20 S
SENECA - 1080'
20 S
HORTON - 1080'
20 S
HORTON - 1080'
20 S
HIAWATHA - 1080'
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HIAWATHA - 1080'
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ATCHISON - 1080'
20 S
ATCHISON - 1080'
20 S
LEAVENWORTH - 1080'
20 S
LEAVENWORTH - 1080'
20 S
OLATHE - 1080'
20 S
OLATHE - 1080'
20 S
OLFS TO NAS OLATHE
NO 2 - 65H
NO 4 - 65H
NO 7 - 65H
NO 9 - 65H
WICHITA - 1080'
20 S
WICHITA - 1080'
20 S
WICHITA 62
WICHITA - 1080'
20 S
WICHITA - 1080'
20 S
WICHITA - 1080'
20 S

RADIO

KANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE	227(CZ)(116.1)	SBRAZ-DTV, 304°, 2.5	(4);116.1
DE SOTO FM	(- - -)	FM; 224°, 19.6	Kansas City, Mo.
INDEPENDENCE AAP	272 (126.18)	CA	(3); 126.18 (7-19)
LEBO (Int)	311(LN)(116.1)	BMRZ-DTV, 336°, 0	(4);116.1
OLATHE (Navy)	420 (NUU)	BMRLZ	
Olathe NAS	201 (142.74)	CN(GCA);352°,2.9	(3); 142.74 (8-18)
PAOLA FM (Navy)	(. - - -)	FM; 172°, 12	Olathe
TOPEKA (Army)	269 (DTO)	BMRAZ	(4)
Topeka AAP	206 (116.1) (126.18)	CA;320°3.5	(3); 116.1,126.18

MISSOURI

JOPLIN	400(JH)(116.1)	BMRLZ-DTV,172°,6.2	(4); 116.1
SPRINGFIELD	254(SX)(116.1)	SBRAZ-DTV,134°,4.3	(4); 116.1

OKLAHOMA

→ TULSA	245(TS)(116.1)	SBRAZ-DTV,225°, 1	(3);116.1,122.1
VERDIGRIS RIVER FM	(-)	FM;52°,9.6	Tulsa

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs.
(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Berryville (NC)	1.3 WNW;RR E	1150	13	Trees S.Cattle on fld.
(P) Fayetteville	3.8 S;RR W	1251	38 S6	73 oct.
Harrison	4.1 NW;RR S	1050	32 S1	80 oct.
Rogers	2.7 N;RR S	1325	32 S1	80 oct.Pole line SE.
Springdale	0.8 SSE;hwy W	1200	19 S4	80 oct.Pole line NW,SE.

KANSAS

(P) Atkinson (Pittsburg)	2.5 NW;RR W	948	40h L S6	80 oct. Port rnwy lgts.
Chanute	2 WSW;hwy NW	980	22h R1 L4 S6	80,91 oct.
Coffeyville, Mun #1	5 NNE	743	59h S2	80 oct Use rnwys only.
mun. #2	2 NW;riv E	880	26h R1 L3 S6	80 oct. Poles NW;hi-line SW.
Conard (Ottawa)	3.8 NNE;RR S	946	24 S1	80 oct.Pole line N;hedge S.
Edgewood (Coffeyville)	2.5 WNW;RR E	745	25 S1	80 oct.Pole line E,S.
Ferguson Flying Field (Coffeyville)	5 E;RR NW	790	36	Poles S.
Fort Scott	4.5 SW;hwy S	900	28 S2	80 oct.
Gardner (NC)	1.4 WSW;hwy S	1070	39	
Gault (Wellsville)	0.8 ESE;RR N	1020	20 S1	80 oct.Trees E
Girard	1.7 WNW;RR E	950	14	Trees E.
Hall's (Olathe)	2.6 SSE;RR W	1000	16 S2	73 oct.Cattle on fld.Pole line N
Independence	5 N;hwy W	847	22 S4	73,91 oct.Pole line W.
(A) " AAF (A)	5.5 SW;hwy W	820	55h R1 S1	91,100 oct.
(A) " #3 (A)	24 ESE	920	42h	CLOSED
" #9	12.5 NE	870	40h	
(P) Iola	3.2 SSE;rd N	1020	48 S6	73,80 oct.
★ Lebo Int,39,AQ-KC	4 ENE;RR N	1160	33 R1 L3	
Mader (Garnett)(NC)	2 WNW;hwy S	1060	26	
(N) Olathe NAS (N)	5.2 SW;RR W	1085	53h R2 L5 S6	100 oct.
(N) " OLP #2 (N)	5 SE	1090	16h	INACTIVE.4 W of Stanley.
(N) " OLP #4 (N)	10 S	1090	22h	1.3 SE of Springhill.INACTIVE.
(N) " OLP #7 (N)	16 SSW	940	23h	4.3 W of Hillsdale.INACTIVE.
(N) " OLP #9 (N)	11 SE	1070	23h	1 N of Stillwell.INACTIVE.
Ottawa	5.3 S;RR W	975	32	
Parsons	2 NW;RR S	936	22 S2	80 oct.Soft in wet weather.
(A) Topeka AAF (A)	6 S;RR W	1079	65h R2 L5 S6	73,91,100 Oct.JP-1. No sto.

KANSAS

Bolivar	1.8 WSW;hwy N	1138	25 S2	80 oct.Poles N.
Branson (NC)	4 W;hwy W	1069	21	Trees SW.
Carthage	2 S;hwy E	1007	23 L S4	80 oct.Port rnwy lgts.Poleline W,SW.
Cassville	3.9 S;hwy E	1375	24 S2	80 oct.Trees SW.
(P) Clinton	2 NE;RR SE	800	37 S4	80 oct.Poles SW,S,E,N.
Diamond	2.1 SSW;RR S	1150	19 S2	80 oct.Pole line N,NE,SE.
(P) Grandview (Kansas City)	16.4 S:RR E	1072	55h L5 S2	80,91 oct.Fld lghts prior req.
Harrisonville	2.1 W;RR N,S	910	20 S1	73 oct. Fld rough.
Huston (Windsor)	4.3 E;hwy N	932	25 S1	80 oct.
(P) JOPLIN	5 NNE:RR N	981	43h R1 L4 S4	80,91 oct.
McFarland (Springfield)	4 SSE;RR E	1310	21 S4	73,80 oct.
Neosho com.	4.8 NNW;hwy W	1140	26 S1	80 oct.Poles SW.
" mun.	2.8 SW:hwy E	1215	26 L3 S2	80 oct.Poles N,antenna E.
(P) Nevada	3 NE;hwy N	850	40 S4	73 oct.Pole line SW,W.
Ong (Kansas City)	9 SE;hwy NE	1050	24 S6	73,80 oct.Pole line N,W.
→ Queen City (Springfield)	See Rogers Arpk under "New Airports" - name changed.			
Sedalia	6.3 NW;RR S	820	30 S6	80 oct.Poles S.
(A) " AAF (A) (Knobnoster)	2.8 S;hwy N	834	72h	TMP. INACT NO PACS
Warrensburg	7.3 SSW;hwy E	860	22 S6	80 oct.
Wright (Garden City)	1.4 NNW hwy SW	880	25 S1	80 oct.Pole line S.

OKLAHOMA

Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct.
Hatbox (Muskogee)	2.7W;fork RRs	615	39h L3 S6	73,80 oct.All lgts prior req.
Jameson (Picher)	4.5 W	870	26	
Jensen (South Coffeyville)	0.5 W;RR S,E	735	32 S4	80 oct.Pole line SE.
John Brown Univ. (Mosley)	3.6 ESE;hwy S	1183	27 S4	80 oct.
Long (Pryor)	2 NNE;RR W	650	16 S2	80 oct.Pole line SW.
(P) Miami	2.2 NNW;RR E	800	33h L4 S2	80,91 oct.
Monkey Island (Afton)	7.8 SE;RR NW	750	26 S1	80 oct. Pole line W.
Nowata	1.6 NNE;RR W	600	20 S1	80 oct.
Stilwell	1.4 N;RR W	1125	17 S2	80 oct.
Tahlequah	4.3 N;rd E	1050	22 S4	80 oct.
Topper (Vinita)	3.9 SW;RR ESE	800	24	
Will Rogers,36, AQ-LS (Claremore)	1.5 NE; RR W	649	29 L3 S6	73 oct.

NEW AIRPORTS

Bentonville,(Ark.)	1.5 SSW;RR N	1200	24 S1	80 oct.
Smith (Hasty,Ark.)	3.3 SSW;rd S	1500	16 S1	80 oct.
→ Rogers Arpk (Springfield,Mo.)	2.1 E;hwy W	1367	38h L3 S4	73-91 oct.Lgts prior req.
Allman (Lenexa)(Kans)	2.5 NNW;hwy N	900	22 S1	80 oct. Hedge E.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
State Line Arpk (Stanley) (Kans)	3.8 NE;RR E	1000	22 S1	80 oct. Poles E; trees N.W.
Butler (Mo.)	2.5 N		25 S2	80 oct. Data unver.
Monett (Mo)	0.5 NE; hwy S	1462	24 S2	80 oct.
(P) SPRINGFIELD (Mo)	5.5 WNW;RR NE	1269	56h R1 L5 S5	80,91,100 oct;100 oct,army.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 610) (NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS

RADIO

ARKANSAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
WALNUT RIDGE	362 (DWR)	MRLWZ,174°,5	

MISSOURI

COLUMBIA	379 (CA)(116.1)	SBRAZ-DTV.89°.3.9	(4);116.1
→ NEW FLORENCE (Int.)	248(ST)(116.1).	BHTV	(4):116.1
ST. LOUIS(Lambert)	209 (LS)(116.1)	SBRAZ-DTXV256°.2.2	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°, 14.2	St. Louis
SPANISH LAKE FM	(- -)	FM, 69°, 7.8	St. Louis
→ VICHY AAF	344(OM)(116.1)	BMRLZ-DTV,310°, 2.7	(4), 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARKANSAS

AIRPORT – CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Batesville(Desha)	1 SE, hwy E	400	20 S1	73 oct.Pole line NE.
Biggers (NC)	2 ESE,RR NW	290	45	
Fleeman(Manila)	0.8 S,RR N	240	32 S2	80 oct.Po line N,NE.
John's Air Park (Flippin)	0.3 NNW,RR S	620	11 S1	80 oct.Trees N.
(P) Jonesboro	3.5 ESE;RR N,SW	264	44h S6	80,91 oct.Use rnwys
(A) Manila (Blytheville)(A)	13.5 W,lake E	240	75	CLOSED
Milltown(Newport)	13 NE	244	45h	
(A) Walcott #3 (Walnut Ridge)(A)	14 ESE	285	45h	1.5 W of Walcott CLOSED
Walnut Ridge	4 NE,RR SE	275	50h	

ILLINOIS

* Prairie du Rocher Int,55, NO-LS	0.5 S,RR NE	390	37 L3	Trees S, N.

MISSOURI

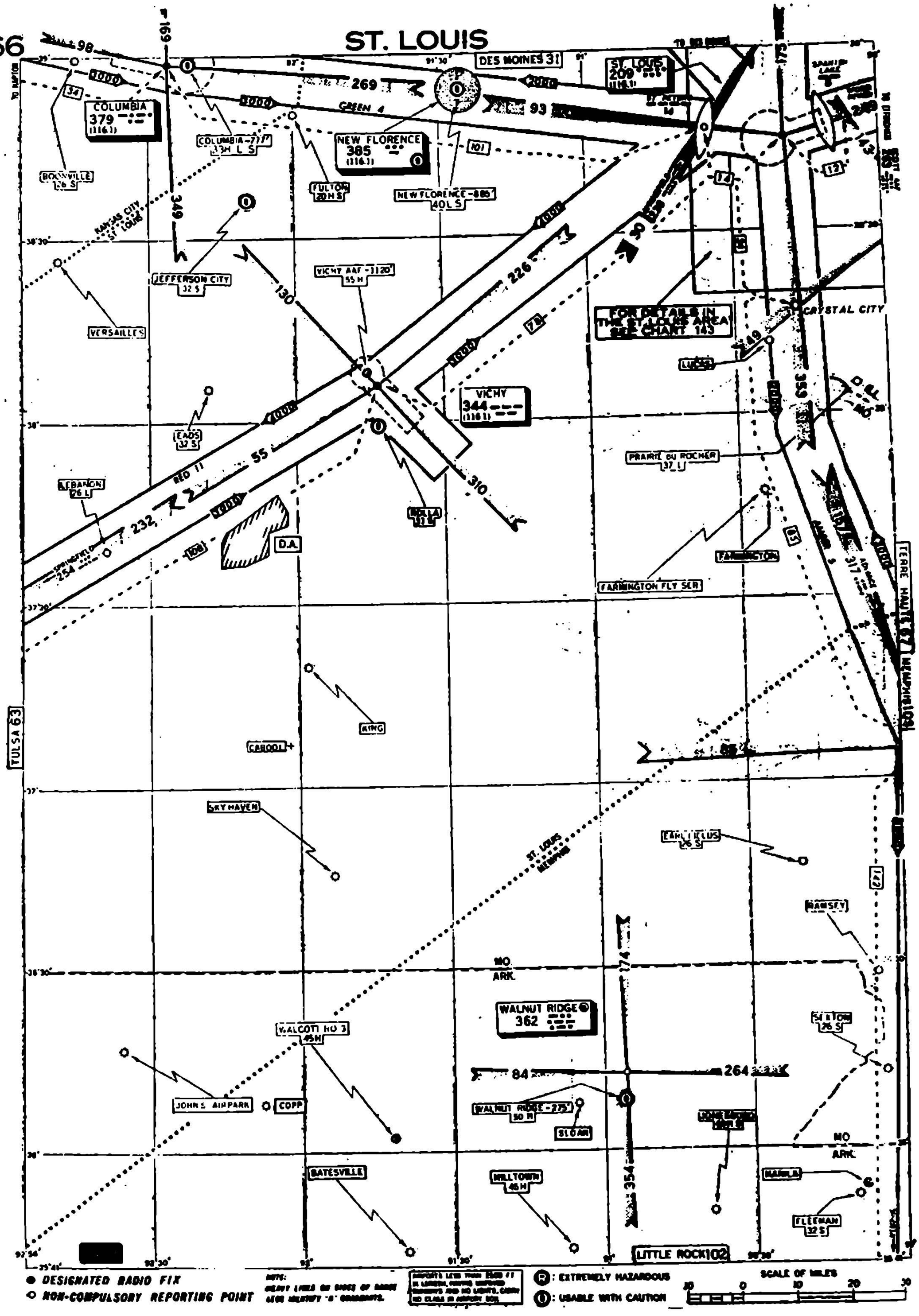
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Boonville	1.5 NNW,riv S	602	16 S4	80 oct.Obsts sur fld.
Columbia	2.4 NW,hwy S	777	33h R1 L3 S5	80, 91 oct.
Eads (Iberia)	1.1 W, hwy NE	960	32 S2	80, 91 oct.
Farmington	1 ESE,hwy N,E		35 S6	80 oct.Data not verif.
Farmington Flying Service	0.8 NNE,hwy S	920	17 S4	73 oct.Poles NW.
Fields (Poplar Bluff)	3.8 ENE,hwy S	325	26 S2	73 oct.Pwr line S.
Fulton	3 WSW,hwy SE	875	20h S2	80 oct.
Jefferson City	2 N, hwy S	550	32 S6	80,91 oct.
Kennett (NC)	1.3 E,RR W	260	26	30' poles N.
King (Houston)	0.8 WNW,hwy ESE	1180	15 S1	80 oct. Poles S
* Lebanon Int,54B, AQ-LS	2.5 SSE,hwy E	1380	26 L3	
Lucas (Festus)	1.7 S,RR W	425	16 S2	73 oct.
Mel Adkins (Gravois Mills)(NC)	4.2 SSE,hwy W	950	19.	
* New Florence Int, 17, KC-LS	1 SSE,hwy N	885	40 R1 L3 S1	80 oct.
Ramsey (Campbell)	1.6 SW,RR NW	295	14 S2	Ltd 73 oct.Trees NNE
Rolla	3.5 NE,rd S	1201	31 L S6	80,91 oct.Port rnwy lgts.
Sexton (Kennett)	2.8 SW,hwy E	263	26 S2	80 oct.
Sky Haven (West Plains)	2.4 NW;RR E	1049	22	
Versailles	1.7 ENE,RR N	1050	20 S2	80 oct.Pwrline N,NE, NW.
Vichy AAF (A)	1.5 NNW,hwy SW	1120	55h R1	CLOSED

NEW AIRPORTS

Cabool, (Mo.)	0.8 SW		18 S1	80 oct.Data unverified
Copp (Calico Rock,Ark)	1.8 N	425	18 S1	80 oct. Fence S.
Sloan(Black Rock,Ark)	0.5NE;RR W	270	16	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X11) (NC)-Not charted. → NEW OR REVISED DATA

ST. LOUIS


DES MOINES 31
ST. LOUIS 209
COLUMBIA 379
COLUMBIA-7117 33H L S
NEW FLORENCE 385
NEW FLORENCE-885 40L S
FULTON 20H S
BOONVILLE 26 S
JEFFERSON CITY 32 S
VICHY AAF-1120' 55H
VERSAILLES
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 143
CRYSTAL CITY
VICHY 344
EADS 32 S
LEBANON 26 L
SPRINGFIELD 254
D.A.
KING
PRAIRIE DU ROCHER 37 L
FARMINGTON
FARMINGTON FLY SER
CABOOL
SKY HAVEN
ST. LOUIS MEMPHIS
EARLVILLE 26 S
RAMSEY
WALCOTT NO 3 45H
WALNUT RIDGE 362
WALNUT RIDGE-275' 50 H
SLOAN
SITTON 26 S
JOHNS AIRPARK
COPP
BATESVILLE
HILLTOWN 46H
HARRIS
FLEEMAN 32 S
LITTLE ROCK102
MO
ARK.
TULSA 63
TERRE HAUTE 87
MEMPHIS 90
169
98
269
93
349
130
226
55
232
310
354
264
84
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION
SCALE OF MILES
30 0 10 20 30

TERRE HAUTE 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

TO JOLIET
CHICAGO 34
R 55
PEORIA
MORTON
PEKIN
BLOOMINGTON
RUSSELL'S
CHANUTE AAF 365
CHANUTE AAF 396 (126.18)
CHICAGO CINCINNATI
ATTICA
LAFAYETTE
CORK
MEDBERY
CLINTON
ILLINI
CHAMPAIGN
UNIV. OF ILLINOIS
DANVILLE
VERMILION
HIGHLAND
CHICAGO ST. LOUIS
DECATUR
KINGMAN
PORT O' THE WOODS
ILL IND
SPRINGFIELD 239
DECATUR PARK
COOPER
FLECK'S LAKEVIEW
MC COY
MOODY
ALLEN
MIDWAY AVIATION
PARIS
TERRE HAUTE 248 (116.1)
SPRINGFIELD
TAYLORVILLE
HULMAN
PAUL S. COX
MATTOON
CHARLESTON
TO JERSEYVILLE
TO INDIANAPOLIS
SHELBY CO.
EFFINGHAM 275 (116.1)
CASEY
FOR DETAILS IN THE ST LOUIS AREA SEE CHART 143
EFFINGHAM
HILLSBORO
H AND S
DES MOINES
ST. LOUIS
INDIANAPOLIS
LINTON
EFFINGHAM CO.
SMITH AVIATION
WOOD RIVER
ST LOUIS 209
VANDALIA MUN.
HIGHLAND-WINET
ST. LOUIS CINCINNATI
EMISON
GEORGE AAF
WASHINGTON MUN.
JAMESTOWN
SCHILT
O'NEAL
WASHINGTON
LECKRONE
FLORA
PRESBYTERIAN NO-3
ILL IND
CYRIL LEBERT
SCOTT AAF 263
B AND K FLY. SER.
BECKERMAN
PRINCETON
STRAUB
EVANSVILLE 233 (116.1)
MT. VERNON
NASHVILLE
WHITE CO.
RED II
TO LOUISVILLE
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
MARION
DENIS
MT. VERNON
EVANSVILLE 278 (118.5)
IND KY
FERGUSON
OWENSBORO
HENDERSON
MADISONVILLE
STURGIS AAF
ILL MO
ST. LOUIS MEMPHIS
MEMPHIS 103
ADVANCE
GREEN BRIER
NASHVILLE

OVER

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHANUTE (Rantoul)(Army)	365 (DNU)	SBMRA2	(3), 126.18
Chanute Field	396 (126.18)+	CA, 43°, 3.3	(3), 126.18
EFFINGHAM	275 (EF)(116.1)	BMRLZ-DTV,341°,0-Intermediate	(4), 116.1
		SBMRAPZ-DT,4[illegible]°,2.2	(4)
SCOTT (Belleville)(Army)	283 (DCD)	SBMRA2-DT,1[illegible]°,2.3	(4)
SPRINGFIELD	239 (ZD)		
EVANSVILLE	233 (EV)(116.1)	SBRA2-DTV	(3);116.1
Evansville Airport (old)	278 (113.5)	C, 177°, 5.7	(4),118.5,122.5
TERRE HAUTE	248 (TH)(116.1)	BMRLZ-DTV; 69°, 5.8 (Hulman)	(4); 116.1

S Sonal Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137 88, 140.58 mcs.

AIRPORTS — ILLINOIS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Arcola)	2 W,RR N,E	665	20 S6	80 oct.Pole line N, E.
B & K (Fairfield)	1.4 WSW,RR S	500	21 S2	80 oct. Pole line S.
Beckerman (Mt.Carmel)	4 W,RR S	424	23 S1	80 oct. Pole line N.
(P) Bloomington	3 E, hwy N	875	33 L1 S6	80,91 oct. Pole line N. NW.Obst lgtd.
Carbondale	0.1 E,lake 2 E	450	20 S4	80 oct. No sto.
Champaign	2 NNW;hwy SW	753	28 S6	73,80 oct.W,NW,S blocked.
(A) Chanute (Rantoul)(A)	1 SE,RR W	744	63h R2 L5 S6	73,91,100 oct. JP-1.Pole N.
Charleston	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-line N,E,W.
Clinton Flying Club	5.5 NE	720	13	
Cooper (Tuscola)	1.6 SW,RR E	650	24 S2	80 oct.Poles NW, SE, NE, E
Cyril Lebert(Lebanon)	0.5 SE,hwy N	440	22 S2	80 oct.Poles N, W, S.
Danville	2.4 SSW,hwy W	640	33 S6	80,91 oct.N blocked.P-line NE,E.
Decatur	4 NW	678	29 S6	80,91 oct.P-line S,SW,W,NW. Hedge SW.
(P) Decatur Park	4 E,RR,hwy S	679	53h S6	80,91 oct.
Denis (Muddy)	Adj E	400	27 S1	80 oct Data unverified.
(P) Du Quoin	1.8 W,hwy S			ABANDONED
Effingham Co. Memorial	3.6 S,hwy W	585	30 S6	80 oct.
* Effingham Int,10,L3-II	1.5 N,RR E	608	26 R1 L3 S1	73 oct. on req.
Fleck's Lakeview (Rochester)	2.8 W,lake W	580	21 S6	81 oct.P-line W.
Flora	0.8 SW;RR N	490	35 S6	80 oct.P-line N,W.
(A) George (Lawrenceville)(A)	4.5 NE,RR S	428	52h	CLOSED
Highland-Winet(Highland)	3.6 NE,RR S	535	24	Pole line S. P-line SW.
Illini (Urbana)	2 NNE;hwy E	740	25 S6	80 oct.Flares on req.E,SE blkd.
(P) Leckrone (Salem)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Derrick NW
McCoy (Blue Mound)	5 W	660	16 S2	No fuel.
Macarin (Marion)	4.6 WNW,hwy W	470	35 S6	80, 91 oct.
Marion	1.8 ESE,RR S	430	26 S6	73 oct.
Mattoon	4 E,RR N	720	23 S6	80 oct. Poles W.
Medbery (Armington)	1 NE	650	26	Data not verified.
Moody (Dalton City)	2.2 S,hwy W	680	19 S6	80 oct. Pole line N
Murphysboro	3 N,riv SE		20 S1	80 oct. Data not verified.
Paris	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Pekin	4 S,bet RRs	505	24 S2	80 oct, Pole line W,N, E.
(P) PEORIA	4.8 WSW,rd E	659	44h R1 L5 S6	80,91 oct. Trees W,bldgs NE.
(A) Presbyterian Church No. 3 (St. Francisville)	4 WNW,hwy E	430	45h	CLOSED (A)
Russell's (Hoopeston)	6.5 WNW,RR S		13	PRIVATE. Data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 611) (NC)-Not charted. ➔ NEW OR REVISED DATA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Shelby County (Shelbyville)	1.9 ESE,RR N	677	21 S6	80 oct.
Smith Aviation (St. Elmo)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct.Bcn twr NE,poles N.
Springfield	3.5 SW,bet RRs	606	31 R1 S6	80,91 oct.Use strips only.
(P) University of Illinois (Champaign)	5.5 SSW,RR E	752	53h S6	80,91 oct.Flares on req.
Vandalia	4.4 NW	532	39h L3 S6	80 oct.
Vermilion (Danville)	4 E;RR N,SW	650	21 S4	80 oct. 30' poles S.
White County (Carmi)	1.1 NE, RR S	450	17 S1	80 oct.
Attica	2 S;hwy W	647	26 S1	80 oct. Data unverified
Cork (West Lebanon)	4 W		24 S1	80 oct. Obsts NE. Data unverif.
(A) Emison (Oaktown) (A)	3.6 WSW	425	45h	CLOSED
EVANSVILLE	5 NE;bet RRs	383	60h R2 L5 S4	80, 91 oct. Twr W.
Ferguson (Richland)	0.5 SE		13	Data unverified
Highland (Perrysville)	2.8 WNW,riv E	585	23 S2	Ltd 73 oct.
(P)HULMAN (Terre Haute)	5 ESE;hwy N	585	53h R1 L5 S4	80,91 oct.No sto.Fld lgts prior req.
Jordan (Bloomingdale)	See Port O'The Woods Arpk under "New Arpts" - name changed.			
Kingman Flying Service (Kingman)	0.5 E,hwy N	710	26 S4	80 oct. No sto.Data unver.
Linton	3.3 E, RR S	500	20 S1	Ltd 80 oct. Pole line N.
Mount Vernon	1 E;bet hwy,riv	390	26 S1	80,91 oct.Data unverified.
O'Neal (Vincennes)	1.5 WNW,RR NE	415	28 S6	73,80 oct.NNW appch blocked.
➔ Paul S. Cox (Terre Haute)	3.2 S;hwy W	485	27 S4	80, 91 oct. P-line NE,SW
Straub (Cynthiana)	0.5 NW		13	Data unverified
Washington Mun.	4 N		30 S4	80 oct. Data unverified.
Washington	3 W		21	Data unverified

KENTUCKY

Madisonville	6 ENE; hwy SE	420	24 S4	80 oct. No sto. Use strips only.
Owensboro	2.5 ENE;RR NW	484	29 S6	80 oct.
Sturgis AAF (A)	1.5 ESE,hwy SW	371	50h	CLOSED

MISSOURI

Chester (McBride)	3.8 NW,riv N	372	20h	Allway: 5388 x 4695'.

NEW AIRPORTS

Henderson,Ky.	6 SW,riv N		23 S1	80 oct.Data unver.
H & S (Gillespie,Ill)	1 W; RR S	661	18	Pole lines N
Morton (Ill.)	3 W; hwy N		18 S4	80,91 oct. Data unver.
Port O' The Woods Arpk (Bloomingdale,Ind.)	4.2 N;hwy W		33 S2	80 oct.Use NE/SW strip.Data unver.
➔ Princeton, (Ind.)	0.7 E;RR NE	502	23 S2	80 oct. Data unver.
Midway Aviation(Horace,Ill.)	1 E;RR W	650	26 S2	80 oct.Poles,bldgs,trees E,N.
Mount Vernon, (Ill.)	2.5 ENE;RR S	465	37 L S6	80,91 oct.Data unver.Temp port lgts.
Taylorville, (Ill.)	1 SW		26 S6	80 oct.Data unverified.
Hillsboro, (Ill.)	1 NE	630	25 S4	Data unverified
Schilt (Olney,Ill.)	1.5 E;RR S		30 S1	80 oct.Data unverified.
Nashville, (Ill.)	1 E;lake W		20 S1	80 oct.Data unverified.
Casey, (Ill.)	1 NW	645	26 S4	80,91 oct. Data unverified.

INDIANAPOLIS

INDIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADVANCE FM	(- - - -)	FM, 330°, 24	Indianapolis
CEDAR GROVE FM	(- - - -)	FM, 297°, 35	Cincinnati, Ohio
CLAYTON FM	(- - -)	FM, 250°, 11.2	Indianapolis
GREENCASTLE FM	(. . - - -)	FM, 250°, 27	Indianapolis
GREENFIELD FM	(-)	FM, 82°, 31	Indianapolis
INDIANAPOLIS	266 (ID)(116.1)	SBRAZ-DTV	(3) 116.1
→ Indianapolis Airport	278(126.18,118.7)	AC (ILS); 820,3.2	(4); 122.5, 126.18,
LAFAYETTE (Purdue University)	227(LFY(116.1)	BMRL-DTV 500,2.4	(4).116.1 118.7
MORGANTOWN FM	(- -)	FM; 177°, 22	Indianapolis
STOUT(Indianapolis)	396	CA	4495 (9-18)

KENTUCKY

BOWMAN FIELD (Louisville)	278(126.18) (118.3)	AC; 269°,1.4	(4);122.5,126.18, 118.3
EASTWOOD FM	(- -)	FM; 89°, 9.4	Louisville
GODMAN(Ft. Knox)(Army)	227 (DKX)	BMRLZ	
Godman Field	272(126.18)	CA; 172°,3.1	(3);126.18 (6-24)
LOUISVILLE(Bowman)	359 (LV)	SBMRLZ-DTX	(3)
SHEPHERDSVILLE FM	(- - -)	FM; 130°,18	Louisville
SULPHUR FM	(. . - - -)	FM; 227°,70	Cincinnati, Ohio
UNION FM	(- - -)	FM; 227°,24	Cincinnati, Ohio
GREATER CINCINNATI (Covington)	221(118.9) (126.18)	AC (ILS)	(4);118.9,122.5, 126.18

OHIO

CINCINNATI (Lunken)	335(CC)(116.1)	SBRAZ-DTV	(3);116.1 DTV lctd at Gr.Cincin.Arpt
DAYTON	245(DY)(116.1)	SBMLZ-DTV	(3); 116.1
Dayton Airport	278 (126.18, 118.9)	AC(ILS);90°, 3.2	(4); 122.5.126.18, 118.9
FAIRFIELD FM(Army)	(- - -)	FM, 196°,9.3	Patterson
LOVELAND FM	(-)	FM, 44°, 8.8	Cincinnati
LUNKEN(Cincinnati)	227 (118.7, 126.18)	AC 227°, 5.2	(4);118.7,122.5, 126.18
→ PATTERSON (Fairfield) (Army)	379 (DPK) (137.88)	SBMRAZ-DTV	(4);137.88
→ Patterson Field	396 (126.18)+	CA(ILS);32°,2.96	(4); 126.18
VERONA FM	(- - - -)	FM,270°,9.9	Dayton
WRIGHT (Dayton)	260 (126.1)	CA	3105,4495;126.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRTR.CINCINNATI	109.9	333.8	360° Mag.	IM- ·-·- (0.6) MM- ·--- (0.6) OM- -- (4.3) MMK-206 ···· (0.6) OMK 215 ---- (4.3)
DAYTON	110.3 (W)	335	55° Mag.	IM- ·····(0.05) MM- MMK- OM- -- (4.4) OMK-
→ INDIANAPOLIS (L6)	109.1	333 8	44° Mag.	IM- ·····(0.05) MM- ·---(0.89) OM- -- (4.3) MMK-201 ·-- (0.89) OMK 219 ·· (4.3)
→ PATTERSON (A)	108.7 (W)	333 8	210° Mag.	IM- (0.09) MM- ·-----(1.12) OM- -- (4.5) MMK- OMK-

[illegible] Voice, T-Vor Range Station Location Marker (1) 3105, 4495, 6210 kcs. (2) 3105, 4495, 6210, 3117.5 kcs. [illegible] in Frequency Column Indicate Voi Voice. A—Army, A C S [illegible] and guards 116.1, 122.88, 140.58 mcs.

AIRPORTS — INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ace (Anderson)	2 S	875	30 L S4	80 oct.Port rnwy lgts.
→ Anderson	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
Aretz (Lafayette)	4 NE	500	35 S6	80 oct.Info. unverified.
(A) Atterbury AAR(Columbus) (A)	3.5 N;hwy S	651	50h	TMP INACT.NO FACS
Bargersville	1 N		20	Info. unverified.
Beck (Zionsville)	5 NE;crk W		14 S2	80 oct.Poleline W.Info. unverified.
(P) Bedford	3.5 SE	682	19 S6	80 oct.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct.
(P) Bloomington	5 WSW;RR SE	840	40 L S6	80,91 oct.Port.rnwy lgts Trees N,NE,SW
Boss-Denien (Salem)	3 WNW;RR N		26 S6	80 oct.Poleline S. Data not verified.
Bringham (Portland)	1.5 E;RR E	1020	20	Poles S;120 tank SW.
Brightwood(Indianapolis)	3.7 NE;rd S		44 S4	80 oct.Data unverif.
Brownsburg	1.5 SSE;RR N	650	26 S2	80 oct. Poleline S

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) NC (not charted). → NEW OR REVISED DATA.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE
Bush (Jeffersonville)	3 NE		20 S2	80 oct.Inf.unverified.
Bush (Ramsey)	1.5 WSW;hwy N	630	12 S4	73 oct.
↘ Campus (Bloomington)	1.5 ENE,RR S	883	22 S4	80 oct.
(P) Columbus	4.5 SSW	616	45h S4	80 oct.No sto.Stacks NW.
Coxey's (Winchester)	1 ESE	1088	16 S6	80 oct.P-line S,SW
Crawfordsville	4.5 SSW;hwys E, W	850	38 S4	80 oct.
East Richmond (Richmond)	3.7 ESE;RR E	1090	20 S6	73 oct.
→ Elwood	2 S;hwy NW	850	23 S6	80 oct.P-line S.
Farmers (Greenfield)	9 NW		26 S2	73 oct.Info. unverif.
→ Fortville	2.6 E;rd N			ABANDONED
Franklin Fly.Field	4 S;riv S	745	22 S2	80 oct.Trees S.
(A) Freeman (Seymour)(A)	2 SW;hwy N	575	55h	CLOSED
French Lick Sprgs.(NC)	1 SE;RR W	500	27h	
G & C (Anderson)	1 N	875	30	Info. unverified.
Greencastle	8 SE		23 S2	80 oct.Info. unver.
(P) Greenfield, Inc.	1.9 ENE,RR S	910	30 S6	80 oct.Poleline S.
Halsmer (Lafayette)	3 ESE;RR S	595	20 S6	80 oct.Poles SW.
Himes (Ladoga)	4 NW		13	Info. unver.
Hoosier (Indianapolis)	4 WNW	740	26 S5	80 oct.Pole line NE.
→ Howell Bros(Rushville)	2 SE;hwy SW	985	13 S4	91 oct.Bldgs SW.
Huffman Air Service (Selma)	0.8 SE; RR N	1000	15 S4	73 oct.
(P) Huntingburg 19,LS-LV	3 S;RR E	500	31 L2 S2	73 oct.
(P) INDIANAPOLIS	8 SW;hwy N	796	53h R3(L6)S6	73-100 oct.Exper lgtg.
Kokomo, mun.	4.7 NE	835	40h L5 S2	80 oct.P-line N.Lgts prior
Lapel	1 NE		13	Rough.Info. unver. req.
Lawrenceburg	1 SW		22	Info. unver.
Lebanon	1 S;RR N	825	13 S2	80 oct.Trees SW.
Lizton	1 SE		25	Info. unverified.
Lockwood(Frankfort)	2.5 S;RR W	764	20 S6	80 oct.Ditch W.
Loy (Plainfield)	0.5 NE;RR S		19 S6	73 oct.Data unver.
Madison Commercial	2.2 N;RR W	960	24 S2	80 oct.Poles E.
(A) Madison AAF (A)	6 NNW; RR SW	850	50h	Closed to all acft.
Mapleton (Seymour)	3 E	630	18 S4	80 oct.No sto.Info.unver.
Martinsville	2 W		10	Info. unver.
Marion	3.8 SSW;hwy S	832	24 L S4	73 oct.Poles E;hi-line N.
Mecco (Danville)	0.5 W		13 S2	73 oct.Info. unver.
→ Mettel (Connersville)	2,8 NNE	950	29 S2	80 oct.bet RR's
* Milroy Int,5, CC-CG	5.5 ESE	1034	27 L3	
Moore (Zionsville)	12 NW		14 S1	80 oct.Info. unver.
(P) Muncie	3.5 N;RR SW	950	31h L4 S6	80,91 oct.Lgts prior req. Rnwy info. unver.
New Castle	3.2 E; RR S	1040	23 S6	80 oct. No sto.
New Castle Western (New Castle)	2.3 NW;lks SE	1080	26 L S1	73 oct. Port rnwy lgts.
Noblesville	1 SE; RR N	801	24 S1	80 oct. Pwr line ESE.
Ockley	1 W		23	Pwrlines N,W;trees E. Info. unver.
Owen (Mooresville)	4 E		31 S1	80 oct.Info. unver.
(P) Purdue University (Lafayette)	2.5 W;RR N	605	35h R1 L3 S6	80 oct.Silo N;stack NE.
Reese (Muncie)	4 E	950	19 S2	80 oct.Info. unver.
Reimer (Lafayette)	2 S		25 S2	80 oct. Data unver.
Richmond, com.	4 WSW;RR N	1075	42 L1 S2	80 oct.
(P) Richmond, mun.	6 SSE;RR W	1139	55h L5	Contact lgts on req.
Ruzicka (Kokomo)	2.5 S;RR E	800	22 S6	80 oct.Pole E;trees N.
(P) St. Anne #2 (N.Vernon)	3 NNE	750	45h	
Scottsburg	2 W		18	Info.unver.
Shank's (Indianapolis)	5 WNW	740	28 S6	80 oct.Info. unver.
→ Shelbyville	3.1 S;hwy E			ABANDONED
Silent Brook (Orleans)	5 W;riv SW	650	20 S4	80 oct. Hi-line W,SW.
(P) Sky Harbor (Indianap's)	7 ENE;hwy S,E	730	26 L S6	80 oct. Pole line E,S,SE.
(P) Sky Haven (Bedford)	2 SSW;riv S	650	36h S4	80,91 oct.Poleline E,S. Rnwy data unverified.
Steed (Portland)	1.5 NW	1030	20 S2	80 oct.Obsts N end NE-SW stp.Info.unver.
Stiles (Shoals)	1 N	740	22 S2	80 oct. Info. unver.
(A) Stout (Indianapolis)(A)	5.5 WSW	712	45h R1 L5	
Templeton (Greensb'g)	3.5 WNW;RR N	915	26 S4	73,80 oct.No sto.Pwrline S.
Vevay	1 E	450	20 S2	73 oct.Tree NE corner Info. unver.

INDIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	
West Side (Marion)	2.5 NW;hwy S	835	26 S1	73 oct.Pole line E.
White Cloud (Greenw'd)	1.6 SW;hwy E	800	25 S4	Fuel.No sto.Info.unver.
Yorktown	1 S		22 S1	80 oct.Obsts E.Info.unver.

KENTUCKY

Blue Grass (Lexington)	6 W;hwy N	978	40h L5 S6	80,91 oct. Fld lgts on req.
BOWMAN (Louisville)	5.5 ESE	546	44h R2 L5 S6	73,91,100 oct. No flood lgts.
Cool Meadow (Lexington)	4.8 NE;rd W	910	28 S6	80,91 oct.
* Glendale Int,75B,	0.5 NE;RR W	702	25 L3	(DL-LV)
(A) Godman (Ft.Knox)(A)	1 NW;RR E	740	52h R2 L5 S4	73,91,100 oct.No sto.
Goodall (Danville)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blocked.
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h R3 L6 S6	80,91 oct. Ctc lgts prior req.
Paris	1.2 NNE	635	20 L S1	80 oct.Flood lgts NE,SW,
Shelby (Shelbyville)	2.5 ENE;hwy S	850	20 S2	80 oct.Info. unver. NW blkd.
Silver Lake (Frankfort)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N
Standiford (Louisville)	4.3 SSE;hwy E	480	50h	
* Warsaw Int,5A,LV-CV	0.8 SW;riv NW	485	30 L3	

OHIO

Attaway Air Ranch (Mason)	4.2 S;RR NW	850	23 S4	80 oct.No sto.Pole line E.
Campbell (Cincinnati)	6.2 NNW;RR E	820	24 S1	80 oct.Pole line WSW.
Cheviot (Cincinnati)	9 W	914	18 L1 S1	80 oct.
Cincinnati (Sharonv'l)	2 SE;hwy N	860	37 S6	80 oct.
* Coldwater Int,4,DY-CO	2 NW;crk NW	898	33 L3	
→ Country Club (Johnsv'l)	2.9 N;RR NE			ABANDONED
Dahlo (Dayton)	8.5 W;hwy S	925	37 S4	80 oct.
(P) DAYTON	10 N;hwy E	1007	55h R3 L6 S6	73,80,91,100 oct.
Hamilton	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE, SSW Trees NW.
Happy Landings (Morrow) (NC)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (NC)	2 ESE;RR SW	580	18	Pole line S.
Hightman (Lebanon)(NC)	3 E;RR W	880	16	Pole line W;trees W,E.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct. Pole N.
(A) LUNKEN (Cincinnati)	4.3 SE;RR SW	488	41h R2 L5 S6	73,91,100 oct ARMY TMP
(P) Miami University (Oxford)	2.2 WSW;RR W	1040	40 S6	80 oct.INACTIVE-CIVIL P-lines N,NW FACS.
(P) Middletown	1.5 N; riv N	653	31 S4	80 oct.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.
Mt. Healthy (Cincinnati)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,
New Westville (New Paris)	2.8 S;RR S	1180	21 S1	80 oct.Poles E, ENE NW, SE.
Parks Watson (Cincinnati)	9 NE;RR E	865	25 S6	80 oct.
(A) Patterson (Fairfld)(A)	1.6 WSW	819	78h R3 L6 S4	73,100 oct. JP-1.
Piqua	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
→ Polk Grove (Vandalia)	3.6 W;riv W			ABANDONED
Sidney	1 W;RR S		25 S2	80 oct.Data unver.
South Dayton (Dayton)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Treaty City (Greenv'l)	1.5 NNE;hwy W	1060	20 S4	80 oct.Poleline W.
Waco-Troy (Troy)	1.8 SW;RR SE	870	29 S1	80 oct. CLOSED.
(A) Wright(Dayton)(A)	5 ENE;RR NW	800	72h R1 L5 S2	62,73,91,100 oct.JP-1

NEW AIRPORTS

Lansdowne (Greenv'l) (Ohio)	2 ESE;RR N		19	Bldgs,hi-line N. Inf. unver.
Port Koneta (Wapakoneta, Ohio)	2.5 NNE;RR E		26 S4	80 oct.Inf. unver.
Stair (Mulberry) Ind.	0.13 NE,hwy S	650	16 S4	80 oct No sto. Pole line S Data unver
Veteran's (Bloomington, Ind.)	2.5 W;RR N	890	18 S6	80 oct. No sto. Poles W,
Riverside(Louisville,Ky)	7.5 SW;riv W		27 S4	80 oct. Data unver.
Charlestown (Ind.)	5 NE;hwy E		15 S6	
Bet'el (Ohio)	1 ESE	890	30 S6	1500' hard surfaced rnwy Data unverified.
Delaware (Muncie,Ind)	3 WSW; hwy N		27	Pwr line E Data unveri.
Lebanon,(Ky)	3 NW		24 S4	No sto. Data unver.
Lakewood Arpk. (Cincinnati) Ohio	9.5 NNW	870	20h S6	80,91 oct.P-line E
→ Sheridan, (Ind.)	2.5 N	700	23 S6	80,91 oct.Poleline W. Data unver.

70 INDIANAPOLIS

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF MAP LIST IMPORTANT VOR QUADRANTS.

NAS BUNKER HILL
CHICAGO CINCINNATI
KOKOMO MUN
GRAND RAPIDS 35
PORT KONETA
COLDWATER
CLEVELAND CINCINNATI
LAKEVIEW
OCKLEY
LAFAYETTE 227 (116.1)
LAFAYETTE
ARETZ
REIMER
HALSMER
STAIR
RUZICKA
WEST SIDE
MARION
STEED
BRINGHAM
FORT WAYNE
PURDUE U
BLACK HAWK
LOCKWOOD
SHERIDAN
ELWOOD
DELAWARE
MUNCIE
REESE
YORKTOWN
GANDC
HUFFMAN AIR SER.
COXEYS
TREATY CITY
OHIO
IND
SIDNEY
PIQUA
LANSDOWNE
DAYTON 245 (116.1)
DAYTON 278 (118.9, 126.18)
WACO-TROY
TROY
VERONA
CRAWFORDSVILLE
HIMES
ADVANCE
LIZTON
BROWNSBURG
LEBANON
BECK
MOORE
LAPEL
NOBLESVILLE
ACE
ANDERSON
NEW CASTLE
WESTERN
GREENFIELD INC
GREENFIELD
BRIGHTWOOD
FARMERS
SKY HARBOR
SHANK'S
HOOSIER
MECCO
LOY
GREEN 4
RICHMOND COM.
MIDWAY
E. RICHMOND
METTEL
HOWELL BROS.
NEW WESTVILLE
RICHMOND MUN.
DAHIO
SO. DAYTON
WRIGHT AAF 260 (126.1)
PATTERSON AAF 379 (127.8)
FAIRFIELD
GREENCASTLE
CLAYTON
OWEN
WHITE CLOUD
BARGERSVILLE
INDIANAPOLIS 266 (116.1)
MARTINSVILLE
MORGANTOWN
MILROY
TEMPLETON
FRANKLIN
ATTERBURY AAF
CEDAR GROVE
MIAMI U
HAMILTON
MIDDLETOWN
ATTAWAY
CINCI INC
MT HEALTHY
LAKE WOOD
CAMPBELL
CHEVIOT
LUNKEN 227 118.7, 126.18
LOVELAND
PARKS WATSON
VETERANS
BLOOMINGTON
CAMPUS
COLUMBUS
MAPLETON
ST ANNE NO. 2
GREATER CINCINNATI 221 118.9, 126.18
LAWRENCEVILLE
UNION
BETHEL
CINCINNATI 335 (116.1)
FREEMAN AAF
SKY HAVEN
BEDFORD
STILES
SILENT BROOK AIRPK
BOSS-DENIEN
MADISON AAF
MADISON
SCOTTSBURG
VEVAY
IND.
KY.
WARSAW
LOUISVILLE 359
CHARLESTOWN
BOWMAN 278 (118.3, 126.18)
HUNTINGBURG
BUSH
SULPHUR
EVANSVILLE 233
RIVERSIDE
STANDIFORD
EASTWOOD
SHELBY
SILVER LAKE
PARIS
BLUE GRASS
COOL MEADOW
SHEPHERDSVILLE
GODMAN AAF 272 (126.18)
GODMAN AAF 227
KY DA
GLENDALE
LEBANON
GOODALL
BOWLING GREEN 368
CINCINNATI
ATLANTA
NASHVILLE 106
KNOXVILLE 107
TO TERRE HAUTE
TO SPRINGFIELD
TO HUNTINGTON
TO TOLEDO
TERRE HAUTE 67
COLUMBUS 71
PATTERSON AAF 379 (127.8)
STATUTE MILES

OVER

COLUMBUS 71

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

CEDAR LAWN · MARION · DETROIT 38 · TO FORT WAYNE · MAGNOLIA
RED 22 · 108 · 4000 · 205 · TO CLEVELAND · 282 · RED 17
+VOSS · MT LIBERTY · WYNKOOP · NEW PHILADELPHIA
CLEVELAND CINCINNATI · 119 · COLUMBUS 391 (116.1) · AMBER 6 · BLUE 15 · 45 · 93 · CLEVELAND PITTSBURGH · 106 · 4000 · STATE 8
GRIMES · 17 · 32 · OHIO STATE U · 20 · COMMERCE · BRIGGS · 85 · GREEN 4
SPRINGFIELD · 93 · SUMMIT STA · 264 · CAMBRIDGE
212 · 4000 · HILLIARD · SNOOK · NEWARK · RIVERSIDE · ZANESVILLE 263 (116.1) On request
CRABILL · SPRINGFIELD · 224 · CLICKENGER · PRICE · 15 · NEWARK · 25 · ZANESVILLE
GROVE CITY · NORTON · SULLIVANT AVE. · 272 · PORT LANCASTER · CROOKSVILLE
LOCKBOURNE AAB 317 (126.1) · LANCASTER · PORT COLUMBUS-NAS 278 (118.9, 126.1)
WASHINGTON · TRI-COUNTY · On request · REED'S
CLINTON CO. AAF 201 · CHILLICOTHE SKYPARK · MARIETTA · WOOD CO.
CLINTON CO. AAF 272 (116.1, 126.1, 137.65, 140.55) · OHIO U · STEWART
INTENSIVE INSTRUMENT TRAINING AREA SHOULD BE AVOIDED AT ALL TIMES · JONES · 2 · 4000
MT ORAB · CINCINNATI 335 · CHERRY FORK · SHUMATE · RAVENSHOOD · BLUE 39
4000 · 5000 · 163 · KNORE · OHIO W. VA · 179 · ROANE CO 281 (116.1)
RAVEN ROCK · 296 · RED 18 · 83 · 4000 · 5000
MAYSVILLE · OHIO KY. · 110 · ABKEN · 135 · ASHLAND · HUNTINGTON · 255 · CLARK · RED 18
101 · 277 · 5000
RED 11 · 4000 · 5000 · CHARLESTON 400 (116.1)
75 · 42 · 4000 · BOLLINGER
HUNTINGTON 236 (116.1) · 315 · 359 · PITTSBURGH 74
168 · LOGAN · 140 · SCOTT
INDIANAPOLIS 70 · W VA KY · BLUE 39 · 4000
CINCINNATI ATLANTA · MORRIS · PAYNESVILLE 356
PRINCETON
KNOXVILLE 107 · CHARLOTTE 110

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
OHIO			
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	K	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
[redacted]			
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75° 2.3	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER FREQ & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5 (W)	332.6	320°Mag.	IM- (0.05)	MM-		OM-
					MMK-		OMK-
LOCKBOURNE (A)	109.9 (W)		3° Mag.	IM- (0.16)	MM- ·····(0.85)	OM-	--(4.29)
					MMK-		OMK-
PORT COLUMBUS	109.5		95°Mag.	IM-	MM- ·-·-(0.65)	OM-	--(4.50)
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.56 mcs.

AIRPORTS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
KENTUCKY				
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.
OHIO				
Briggs (Zanesville)	6.4 NNE,RR W	780	18 S2	80 oct. Poles E.
Cambridge	2 N, RR W	800	27 L3 S2	73 oct.
Cedar Lawn (Kenton)	2.3 S, RR E	975	18 S2	80 oct. Poles E.
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N,RR E	640	30 S4	80,91 oct. Data not verified.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N,RR,riv E	800	28 S2	73, 80 oct.
Crabill (Springfield)	2.5 SE,RR E	1040	29 S6	80 oct. Pole line S.
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L4 S6	80 oct. Fld lgts prior req.
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	20 S2	Ltd 80 oct.
Knore (Minford)	2 SE,RR W	670	20 S6	80 oct. No sto. Pwr line S.
Lancaster	2.5 E;RR N,SW	830	25 S4	80 oct. Poles E.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	738	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S1	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S2	80 oct.
Newark,2, CO-PG	3.5 SW,RR N	880	25 L3 S2	73 oct. 200' stacks S.
(P) New Philadelphia	2.5 SE,RR SW	885	36 S6	80 oct. Poles N,E,W.
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	815	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	14	Poles NNE; trees SSW.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW,riv S	538	24 L3 S6	80,91 oct. Lgtg fac not verified.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S4	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RP. NE	640	24	
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,RR N	1050	27 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co (New Holland)	3 ESE,RR N	350	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE,RR S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	980	13	
Woodsfield (NC)	1 W,hwy NE	1220	19	
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S1	80,91 oct.Pole line E. RR E.
Zaleski St. Forest Svc.	1 SSW,RR NW	705	22	(NC)
(P) Zanesville	6.2 E,hwys N,S	902	50h R1 L5 S1	80 oct. prior req.
WEST VIRGINIA				
Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct, Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts prior req.
NEW AIRPORTS				
Logan (W. Va.)	7.2 NNW,riv E	630	15h S1	80 oct Hill S,N.
Huntington (W. Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington(Chesapeake, Ohio)	2 WSW;riv S	560	29h R1 S6	81,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg, Ohio)	1.4 NE;RR N	980	21 S6	80 oct.Poleline E;trees SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

RADIO

PENNSYLVANIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALLEGHENY CO. ARPT (Pittsburgh)	278 (126.18 (118.7)	AC	(4);140.1,122.5,126.18
ALTOONA(Blair Co.)	338(RF)(116.1	SBMRAZ-VDT;203°1.3	(4);116.1
CECIL	219(C)	FMK;265°,10.3	Pittsburgh
CECIL FM	(- - -)	FM, 265°, 10.3	Pittsburgh
GREATER PITTSBURGH (Pittsburgh)	396 (126.18 +	CA	(3);126.18
HOOKSTOWN FM	(- - - -)	FM,308°, 32	Pittsburgh
MT. PLEASANT FM	(- -)	FM,1240, 24.7	Pittsburgh
NEW ALEXANDRIA FM	(-)	FM, 859, 30	Pittsburgh
PITTSBURGH	254(PT) (116.1)	SBRAZ-VDT :85°, 2.2	(3);116.1
SUMMERHILL FM	(- - - -)	FM; 281°, 22	Altoona

VIRGINIA

→ FRONT ROYAL	359(FZ)(116.1)	SBMRAZ-VDT	(4);116.1
GORDONSVILLE (Int)	388(GJ)(116.1)	SBMRAZ-VDT;135°2.5	(4);116.1
LYNCHBURG	206(LB)(116.1)	SBRAZ-VDT	(4);116.1
(Preston Glenn)	248	C; 165°, 2.1	(4)

WEST VIRGINIA

ELKINS	280(EK)(116.1)	SBMRAZ-VDT;174°2.9	(4);116.1
MARTINSBURG	209(MR) (116.1)	BMRLZ-VDT;35°,2.9	(4); 116.1
MORGANTOWN	269(MG)(116.1)	BMRLZ VDT;173°,5.0	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM	MM	OM
ALLEGHENY CO.			95° Mag.		MMK 201----(0.80)	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MARYLAND

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Cumberland	2.5 S;riv N,S	780	58h L5 S1	80 oct. Mtns SW.
Mexico Farms(Cumberland)	3 S;RR E	630	36 S2	80 oct.Mtns E.

OHIO

Scott (Tiltonsville)(NC)	1.5 SSW;riv E	650	25	
Toronto	1.5 NW;riv E	1050	22	

PENNSYLVANIA

ALLEGHENY COUNTY(Pittsburgh)	5.3 S;RR NW	1251	57h R2 L6 S6	80-100 oct.No ctc lgts.Rdo req.
Allegheny Val'y(Tarentum)	3.2 W;RR W	1125	24 S4	80 oct.
Altoona(Duncansville)	1 SW;RR E	1050	36 S4	73 oct.
* Buckstown Int,12B,WA-CV	1 E;hwy S			ABANDONED
(P) Connellsville	4 SSW;hwy E	1250	34h S2	80,91 oct.
Cresson	1 NE;RR W	2240	25 S2	80 oct.Pole line S.
(A) Greater Pittsburgh (Pittsburgh)(A)	15 WNW;riv N	1145	55h R1 L5 S4	100 oct; JP-1. No sto.
(P) Greene County (Waynesburg)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana)	2.5 E;hwy S	1440	26 S6	80 oct.Pole line S.
Harrison City	1.1 NW;hwy S	1230	17	Poles NW.
Huntingdon	1 S;riv NE	620	20 S4	80 oct.Pole line W.
(P) Johnstown	4.7 E;hwy N	2282	45h	
Keystone (Ebensburg)	3 SW;RR NW	2100	23 S4	87 oct.Obst sur fld.
Latrobe	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg	1.6 ESE;hwy W	960	30 S6	73 oct.Pole line N,NE.
Mayer (Pittsburgh)	10 WSW;RR S	770	16 S4	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) (NC)-Not charted.
→ NEW OR REVISED DATA

PENNSYLVANIA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
New Alexandria	1.5 ENE;hwy N	1200	18 S4	80 oct. Pole line N.
PITTSBURGH-ALLEGHENY CO. (Pittsburgh)				See Allegheny County Arpt.
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct.
Pittsburgh-Greensburg (Greensburg)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins(Pitcairn)	1 NNW	1200	17 S2	80 oct.
Salix	0.6 S;RR NW	2200	24 S4	80 oct.
Somerset	2NNE;RR SE	2200	27 S4	80 oct. Pole line W.
(P) Stultz (Altoona)	10.7 NNE;RR N	970	35 S6	80,91 oct.Pole line N.Rnwy data unverified.
Vandergrift	2 WNW;RR E	1000	21 S2	73 oct. Pole line NW.
Star Valley Arpk (Charlerci)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Blair Co.,244,CO-FG (Martinsburg)	0.9 SE	1495	44h R1 L4 S2	80,91 oct.

VIRGINIA

Augusta(Waynesboro)	6 WSW;riv SE	1420	24 S4	80 oct.Bad pole line SE.
Buford's (Montvale)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
Covington-Clifton Forge	6.5 E;hwy S	1115	24 S4	80 oct.
Gordonsville	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* " Int,51,NA-WA	5 SSE	438	31 R1 L3	Pole line SW.
Hartman(Harrisonburg)	1 NW	1350	22 S4	80 oct.
Ingalls (Hot Springs)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
Lexington	2.7 SW;hwy S	1300	17 S1	73 oct. Pole line NE,SW.
Narrows	1 E;RR S	1550	20 S2	Ltd 80 oct. Trees W.
(P) PRESTON GLENN(Lynchburg)	6.7 SSW;RR SE	935	40h R2 L5 S6	80,91 oct.
Staunton	4.4 NE;RR NW	1300	26 S6	80,91 oct.Pole line NNE.
Stokes (Front Royal)	2.5 W;riv E	735	19 S2	80 oct. Pole line S,E.
Timberlake (Lynchburg)	9.5 SW;RR N	950	26	
(P) University of Virginia (Charlottesville)	5 ESE;riv E	300	35 S6	80, 91 oct.Trees ESE.
Valley (Waynesboro)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy data unver.
Winchester	3 SSE;hwy E,S	700	22 S6	80 oct.
Shenandoah	0.5 SW;hwy W		19 S1	Data unverified.
Orange County (Orange)	4 E;hwy S		26 S2	80 oct. Data unverified.
Covington	1 NE	1500	20 S4	80 oct. Unverified.

WEST VIRGINIA

Baker Airpark(Burlington)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg)	6 E;hwy S	1170	38h S6	80,91 oct.
(P) ELKINS	2.6 S;RR W	1965	45h R1 L5 S4	80,91 oct. No sto.
Forman (Terra Alta)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Glendale	0.5 WSW;bet RR & river	640	29 S6	80 oct.Trees N,S;pole line S.
(A) Greenbrier AAF (White Sulphur Springs)(A)	2 SW	1795	35h	
Hinton	4.8 WSW;RR E	2600	26 S4	80 oct. Pole line NNW.
Hinton-Alderson(Pence Springs)(NC)	1 E;riv,RR S	1520	26	Hill W,E.
Lewis (Buckhannon)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
(P) Louis Bennett(Weston)	3.2 N;RR E	996	37	Hill S;pole line WNW
Marlinton	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW
Moorefield	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
(P) Morgantown	2.2 ENE;hwy NW	1254	36h R1 L3 S6	80 oct.
* Petersburg Int,29,CC-WA	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
Ridgeway (Bunker Hill)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.Pole line SSW.
Romney	2.1 NNE;riv W	750	16 S2	80 oct.Mts WNW,ESE,SSE.
Ronceverte	2 N;hwy SE	2175	18 S2	80 oct.
* Sutton Int, 21, CC-WA	3.6 ENE;RR W	1264	32 L3	
Weirton(Hollidays Cove)	1.5 E	1144	16h S6	80 oct. Data unverified.
(P) Wheeling Ohio County	7.5 NNE;riv W	1190	50h L5	
Elk Garden (W.Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct. Pole line NW.
Herron(New Cumberland, W.Va)	4 NE;lake W	1250	17 S4	80 oct.Data unver.

74 PITTSBURGH

R: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

BUFFALO 39

PITTSBURGH 254 (116.1)
ALLEGHENY CO 278 (118.7, 126.18)
CECIL 219
MORGANTOWN 269 (116.1)
ELKINS 281 (116.1)
CHARLESTON 400 277
CHARLOTTE 110
ALTOONA 338 (116.1)
MARTINSBURG 209 (116.1)
FRONT ROYAL 359 (116.1)
GORDONSVILLE 388 (116.1)
LYNCHBURG 206 (116.1)
PRESTON GLENN 248 LE
NORFOLK 111

GREATER PITT. AAF
WHEELING-OHIO CO
GREEN CO
MORGANTOWN
LOUIS BENNETT
BENEDUM
SUTTON
LEWIS
ELKINS
MARLINTON
CRANBERRY AAF
COVINGTON-CLIFTON FORGE
LEXINGTON
STAUNTON
AUGUSTA
UNIV. OF VIRGINIA
GORDONSVILLE
ORANGE CO
SHENANDOAH
HARTMAN
ROMNEY
ELK GARDEN
BAKER
CUMBERLAND
MEXICO FARMS
FLINTSTONE CO
SOMERSET
CONNELLSVILLE
PITT.–GREENSBURG
PITT.–BETTIS
HARRISON CITY
NEW ALEXANDRIA
PITT-WILKINS
ALLEGHENY VALLEY
LEECHBURG
VANDERGRIFT
HAMILTON
STULTZ
KEYSTONE
CRESSON
SUMMERHILL
ALTOONA
HUNTINGDON
BLAIR CO
JOHNSTOWN
SALIX
LATROBE
WEIRTON
MAYER
WELLSBURG
TORONTO
HERRON
HOOKSTOWN
AKRON
E. LIVERPOOL
STAR VALLEY
MT PLEASANT
RIDGEWAY
WINCHESTER
MOOREFIELD
PETERSBURG
TIMBERLAKE
JAMES RIVER
PITTSBURGH–WASHINGTON
PITTSBURGH–CINCINNATI
CINCINNATI–WASHINGTON
OHIO W. VA
MD W. VA
W. VA VA
PA MD
TO CHARLESTON
TO COLUMBUS 71
TO BECKLEY
TO HUNTINGTON
TO HARRISONBURG
TO WASHINGTON 75
TO NORFOLK
TO CHARLOTTE
TO GREENSBORO
TO ROANOKE
TO RICHMOND
STATUTE MILES

WASHINGTON 75

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

SYRACUSE 42

HARRISBURG 242 (116.1)

PHILIPSBURG 349

MT UNION 104

CARLISLE 18

HARRISBURG STATE 278

OLMSTED AAF 396 (126.18)

YORK

GETTYSBURG

DOERSOM

WAYNESBORO PA.

HAGERSTOWN

MD.

TANEYTOWN

C.A.P. BASE NO 332

MARTINSBURG 209

FREDERICK CITY

LEESBURG

FRONT ROYAL 362

ARCOLA (W) 233

FOR DETAILS IN THIS AREA SEE CHART 78

WASHINGTON 332 (116.1)

MANASSAS

ANDREWS AAF 379

NAF ANNAPOLIS 2870 (142.74)

ANNAPOLIS

LEE ANNAPOLIS

EASTON

WEBB

NAS PATUXENT RIVER 420

NAS PATUXENT RIVER 347 (142.74)

NAF DAHLGREN 275 (142.74)

MCAS QUANTICO 203

GORDONSVILLE 388

SHANNON

TAPPAHANNOCK

RICHMOND AAB 396 (118.7, 126.18)

RICHMOND 260 (116.1)

WEST POINT

MIDWAY

RAWLINGS

CHESTER

BLACKSTONE

NORTHFIELD

HERMITAGE

CENTRAL

DAWN 25

PARKSLEY

JOHNSON

MELFA

KELLAM

NAAS CHINCOTEAGUE 3295 KC 142.74 MC

NAAS CHINCOTEAGUE 227

NAS, PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

PHILADELPHIA 266 (116.1)

NEW CASTLE 350

NEW CASTLE CO. 219 KC 118.5 MC

DU PONT 388

PHILLIPS AAF 201 (126.18)

EDGEWOOD ARSENAL AAF

MARTIN 317

BALTIMORE 278 (118.9)

BALTIMORE 257 (116.1)

MILLVILLE 365 (116.1)

DOVER AAF 396 (126.18)

DOVER AIR PARK

CENTERVILLE

HARRINGTON

BRIDGEVILLE

GEORGETOWN

REHOBOTH

HOLLY BROOK

LAUREL

SUSSEX

DELMARVIA

HICKMAN

SALISBURY

MEEKINS NECK

WOODSTOWN

BUCK'S

GREENWICH

MILLVILLE

BELLANCA

BIGGS

ALDINO

ABERDEEN

FAYBROOK

HARTLY

PENNS GROVE

BOOTHWYN

ALLENTOWN-BETHLEHEM

SCHUYKILL

FOGELSVILLE

ESTLER

KUTZTOWN

SWATARA VALLEY

WOMELSDORF

BERKS

CONVAIR

EMMAUS

BETHLEHEM-EASTON

ALEXANDRIA

PENN-HARRIS

LEBANON CO.

HERSHEY

MILLARD

REIGEL

MIDDLETOWN

LAYFIELD

MADEIRA

NEW HANOVER

READING

SMILIN JACK

POTTSTOWN

LANCASTER MUN

LANCASTER

VALLEY

SEVEN VALLEYS

COATESVILLE

W. CHESTER

MAIN LINE

LEWISTOWN CARGILL

SUNSET AWYS

CHAMBERSBURG

NORTH END

STEVENS

PIMLICO

RUTHERFORD

LISBON

RELAY

BELTSVILLE

HERNDON 22

GLENBURNIE WHIPP

PIKESVILLE

NEW FREEDOM

DEVENER

N. Y. WASH.

PA.

MD.

BLUE RIDGE

ZIEGER

REMINGTON

DONCASTER

ALEXANDRIA

N. BALTIMORE

KENT

FAYBROOK

TO ALTOONA

TO GORDONSVILLE

PITTSBURGH 74

NEW YORK 79

PHILA. NORTHEAST 371

TO MT. HOLLY

TO NORFOLK

TO NAS, NORFOLK

NORFOLK 111

OVER

DELAWARE

FACILITY	FREQ., IDENT, ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct Poles N.
Biggs (New Castle)	1 NW;rivSE	60	21 S2	80 oct. Riv S.
Bridgeville	1.5 S	20	27 S6	80 oct. Data unver.
DOVER Tower	396 (126.18)		CA	(3), 126.18 (7-19)
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N;rdW	37	25 S2	80 oct
(A) Dover AAF (A)	4 SE;hwy E	28	70h R1	TMP INACT NO FACS
DuPont(Seaford)(NC)	0.8 WSW,RR NE	25	21	Poles NE.PRIV.RST D
DUPONT Tower	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont(Wilmington)	3 WNW,RR E	185	29 R1 L4 S4	80 oct. No sto.
(P) Georgetown	1.5 E,RR NW	51	50h	
Harrington	1.8 E;RR W	50	25 S2	80 oct.
Holly Brook(Laurel)	1.5 N,RR,hwy W	40	25 S1	80 oct.
Laurel	1.5 SW;hwy E	30	19 S2	80,91 oct.P-line SE.
NEW CASTLE Range	350 (NC)	19°,2.8	MRLZ	
NEW CASTLE Tower	219 (118.5)		CI	(4), 118.5
(P) New Castle County (Wilmington)	4.8 SW;hwy SE	75	70h R2 L5 S1	80,91 oct.
Rehoboth Beach Aircrafters	2.5 W;hwy N	10	35 L S6	80,91 oct.Obsts sur fld.Port rnwy lgts.
Sussex (Frankford)	1.5 N;hwy W	30	20 S4	80 oct.Port flares on req.

DISTRICT OF COLUMBIA

WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3), 116.1

MARYLAND

Aberdeen Arpk.	1 SW		21 S4	80 oct. Data unver.
Aldino(Churchville)	2.2 NE;RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW;bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248(DCM)	10°,1.2	MLZ	
ANNAPOLIS Tower	2870(142.74)		CN	3105,2870,6420,142.74 (7-17)
Annapolis	2 SE		18h S4	80,91 oct.No sto Data unver.
BALTIMORE Range	257(BO)(116.1)	12°,2.4	BMRLZ-DTV	(3),116.1
BALTIMORE Tower	278 (118.9)		C	(4); 118.9,122.5
(P) [Baltimore Mun.]	6SE;RR NE	14	46h R2 L5S6	80,91 oct.,100 oct.prior req.Rdo rgrd Stacks
BELTSVILLE FM	(-)	41°,17.8	FM	Washington,D.C.] N,SE
C.A.P. Base (Westminster)	2.6 N;hwy E	180	20 S4	80 oct.P-line E, NE.
Delmarvia(Salisb'y)	2.8 NE;hwy W	45	21 S6	80 oct.P-line N,E,NE.
DONCASTER FM	(. . . - - -)	209°,24.7	FM	Washington, D.C.
(P) Easton	2.2 N;RR E	66	40h L S4	80 oct.No sto Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct.No bcn.CLSD
Faybrook(Rock Hall)	1.5 NNW;bay W	20	14 S4	80 oct.Trees WNW,NNE
Frederick City	1.8 E;riv N,E	305	49	(Frederick)
Glenburnie-Whipp Seaplane Anchor.	1 E;hwy W	56	26 S6	80 oct.
Hagerstown	4.2 N;RR W	700	39h L3 S4	80oct.Fld lgts prior req.
← Hickman(Ocean City)	7.5 NW;riv S	15	25 S4	80,91 oct.Flares
Kent (Worton)	1 N,RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW;hwy E	30	28 S1	73 oct.P-line ESE.
MARTIN Tower	317		CI	(4)(8-sunset,Mon-Fri)
Martin (Baltimore)	10 E;RR N	18	70h R1	PRIVATE.
MEEKINS NECK FM (Navy)	(-)	57°,16	FM	Patuxent River.
PATUXENT RIVER Navy Range	420 (NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv NAS(N)	2.9 NE Jarboes	38	97h R2(L6)S4	91,100 oct.JP-1.NATS.
PHILLIPS Tower	201 (126.18)		CA	(3);126.18 (8-18 Mon.-Fri.8-1630 Sat.& Sun)
(A) Phillips(Aberdeen)	3.2 S;RR W	57	50h R1 L5 S1	100 oct.CLOSED.(A)
Pimlico(Baltimore)	6 NW;hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct.Use rnwys only.
Rutherford(Baltimore)	7 W;RR W	500	23 S6	80 oct. Twr N. req.
Salisbury	5.3 ESE	52	50h L5 S1	91 oct. lgts on prior
Shady Side (NC)	1.8 SSW	10	15	P-line SSW.RR W
Stevens(Frederick)	5.8 N;hwy E	440	28 S6	80 oct.Trees SW,S,W.
Taneytown	2.9 WNW	500	20 S4	80 oct.P-line S,SW,W
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105;142.74 (24 SE hrs advance notice)
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct.JP-1 on req

NEW JERSEY

Alexandria(Pittst'n)	2 WNW,lk NE	340	18 S4	80 oct.No sto.Trees
Buck's (Bridgeton)	3.7 NNE,RR S	100	18 S4	80 oct P-line S,W,ENE
Greenwich	2.5 W;rivSW	30	21 S6	73,80 oct.Trees N
Kroelinger(Vineland)	2.5 NNW,RR E	100	19 S6	80 oct P-line S,E
MILLVILLE Range	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4), 116.1
(P) Millville	3.3 SW,lk N	68	50h R1 L5 S6	80 oct.Fld lgts on req.
Penns Grove	3 SE,riv W	10	22 S2	73 oct.P-line W,S,W.
Salem	2 ESE,rd S	15	22	CLOSED.
Woodstown(Auburn)	1.5 SSE,RR E	100	20 S1	80 oct.P-line N,NE

PENNSYLVANIA

[Allentown-Bethlehem](Allentown)	4.6 NNE;RR NW	380	40h R1 L5 S6	80,91 oct.Use rnwys only.Fld lgts pri req.
Berks (Reading)	4.5 NW;hwy SW	360	23 S4	80,91 oct Hill NW.
Bethlehem-Easton (Easton)	4.5 SW;riv S	360	23 S6	80,91 oct.No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia.
Cargill Granville)	1.5 SW;RR SE	490	23 S2	73 oct.Obsts sur fld.
CARLISLE FM	(- - -)	284°,18	FM	Harrisburg.
Carlisle	1.8 WSW,RR N	480	23 S2	80 oct.
Centerville(Carlisle)	11.3 SW;RR N	660	23	Trees E,NE. (NC)
Chambersburg	1.2 SSE,RR SW	650	22 S6	80 oct E,W strip rough
Coatesville	1.6 W;RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE;hwy W	590	20 S6	73,80 oct.
Doersom(Gettysb'g)	2.4 NW,RR N	590	19 S6	73 oct.Pwr line NE.
Estler(Mohrsville)	3.5 W,pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E,RR SE	460	22 S4	80 oct.No sto.P-line SW.
Gettysburg	2.8 NNW	600	24 S3	80 oct No sto.RR SW.
HARRISBURG Range	242(HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower	278		C	(4), 116.1,122.5
(N) [Harrisburg State]	3.5 S,RR N	344	40h R2 L5 S6	80,91,100 oct.NATS
Hershey	1.1 NNW,RR S	415	21 S2	80,91 oct.
Kutztown	1.5 S;RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW,RR SW	320	26 S6	73,80 oct.Pwr line W
Lancaster,35,CO-PC	5.5 N;hwy W	385	27h L4 S4	80 oct Poles S,WSW.
Layfield(New Hanover	2 NE,hwy W	320	17 S6	80 oct.Trees NE.
Lebanon Co.(Myerstown)	1.8 W,hwy S	525	17 S5	80 oct.
Lewistown	4 SW;riv SE	560	19 S6	80 oct W.ded hill NW.
Madeira(Reading)	3.2 N;RR W	360	20 L S6	80 oct.Port flood lgts
MIDDLETOWN FM	(- -)	118°,9	FM	Harrisburg.
Millard(Annville)	1.5 SW	480	18h S5	80,91 oct.
(P) Mount Union	4 S,hwy E	560	30 S4	80 oct
New Hanover	0.5 W;hwy SE	320	20 L S4	80 oct Port flood lgts.
OLMSTED Tower	396(126.18) +		CA	(4); 126.18
(A) Olmsted(Middletown) (A)	1 W,RR N	300	50h R1 L5 S6	62-100 oct JP-1.Poles N,NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct.Flood lgts.
PHILADELPHIA Rng (Southwest)	266(PG)(116.1)	97°,3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli)	2.8 WNW,hwy S	310	21 S4	No fuel.P-line ESE
Pottstown [Reading]	4.5 E,hwy N	311	30 S6	80 oct.Bldg NW.
	3 NW;riv E	342	52h L6 S6	B-2 lgts prior req. ARMY TMP INACT. CIVIL FACS.
Reigel(Campbellt'n)	1 N,hwy N	475	20 S4	80 oct.
Schuylkill(Pottsv'l)	8.3 ESE;lk SE	510	29 L S6	80 oct.Port rnwy lgts. Hills E,NE,SW
SEVEN VALLEYS FM	(- - -)	172°,25	FM	Harrisburg
Smilin' Jack (Douglassville)	1.3 NW;RR S	200	24 S4	80 oct.
Sunset Arwys (Chambersburg)	3.5 NNE,rd E,S	650	25 S1	80 oct.P-line E,NNW.
Swatara Valley	4 WSW,RR N	480	21 S4	80 oct (Pine Grove)
Taylor(New Kingston)	0.5 SE;hwy N	440	28 S6	80 oct.P-line N.
Valley Arpk(York)	3 ENE;RR N	420	21 S6	80 oct Poles SSE.
Waynesboro	3 SE,hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE;lk S	470	32 S4	80 oct.
Womelsdorf	3 NW;hwy E	540	13 S1	73 oct.
York	8.3 WSW,RR E	500	19 L S6	73,80 oct.Flood lgts. Pole N.

VIRGINIA

FACILITY	FREQ., IDENT, ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
ARCOLA Range	233 (EC)		SMRAWZ	
Blue Ridge (Herndon)	4 WSW;hwy NE	280	30	P-line E.
Central(Richmond)	2.5 ENE,RR W	172	45 S6	80 oct.Poles WNW,SE.
CHESTER FM	(- -)	218°,5.15	FM	Richmond
← CHINCOTEAGUE Navy Range	327 (NKZ)	98°,4.5	MRLZ	3105,4495; 142.74 (V-7-24)
← CHINCOTEAGUE Twr	3295(142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW;hwy S	38	60h R2 L5 S4	100 oct (N)
Currell's(Weems)	1 N;jet or rivs		17 S1	80 oct.P-line SE.Use strips only.Data unver.
DAHLGREN Tower	375(142.74)		CN	(3);142.74(8-16 except
(N) Dahlgren NAF Proving Grnds.(N)	0.5 E	20	40h R1 L5 S2	100 oct.CLSD. Sun.)
DAWN FM	(- - - -)	6°,25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles Rnwy data unver.
Hermitage(Richm'd)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles E,W
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld (NC)
Johnson(Ononcock)	1 ESE,RR E	34	22 S1	80 oct.
Kellam(Weirwood)	0.3 SW,RR E	15	20 S1	73 oct.Trees NE,SE.
Leesburg Arpk.	0.7 ESE	280	26 S6	80 oct.P-line NE.
* Lively Int,6,NW-WA	3.4 WSW;riv W	15	34 L3	35' trees,bldgs NW.
Manassas	2.7 NW;RR S	250	21	P-line SW,SSE.
(P) Melfa Figt Strip	1.3 W	48	70h	
Midway (Chester)	2 E,hwy S	178	26 S2	80 oct.20-50' trees E.
* Milford Int,45B,AG-LG	1.5 S,RR W			ABANDONED
MT. VERNON FM	(. . - - -)	208°,8.2	FM	Washington, D.C.
MT. VERNON K Fac.	289 (W)	209°,8.2	FMK	Washington, D.C.
Northfield(Richm'd)	3 N;hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
QUANTICO Navy Range (MCAS)	203 (NYG)	20°,4.6	MRLZ	3105,4495
RICHMOND Range	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1
RICHMOND Tower	396(126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
(A) [Richmond AAB](A)	7.3 ESE;RR S	187	50h R3 L5 S4	73,100 oct.
Shannon(Fredericksburg)	1.6 SSE;riv E	50	23 S6	80 oct.
(A) Tappahannock Figt Strip (A)	0.8 W	30	40h	8000' strip avail. CLOSED.
(P) West Point	2.3 ESE	24	50h S4	80,91 oct Riv SSW.
Zieger(Warrenton)	3.7 S;hwy NE	440	20 S2	80 oct Hill W,NW.

WEST VIRGINIA

(P) Martinsburg	4 S,hwy W	330	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct.Pole line N.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. 16 mcs. Compass Locators in ital.)

LOCATION	LOC.FREQ	G.P.	APPR. BEAR	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
RICHMOND ✓ AAB	109.9 (W)		63° Mag.	IM- (0.17)	MM- ------ (0.90) OM- — — (4.36)
				MMK-	OMK-
				IM-	MM- OM-
				MMK-	OMK-

NEW FACILITIES

←Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.

5-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 147.65, 140.55 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xvii)

←— NEW OR REVISED DATA. (NC)-Not charted [tones] Airline Stop

RADIO

DISTRICT OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l Tower	278 (126.18, 118.5)		AC (ILS)	(4);118.5,126.18,122.5

MARYLAND

ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA (GCA) (ILS)	(3); 126.18
BELTSVILLE FM	(-)	4[illegible]°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - - -)	20[illegible]°,24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°,6.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont ;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		CI	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	278		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON	269 (W)	209°,8.2	FMK	Washington, D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WASHINGTON	109.9 (W)	333.8	360°Mag.	IM- ·····(0.03)	MM-	OM- --(3.60)
					MMK-	OMK-
ANDREWS	110.3 (W)	335	10°Mag.	IM- (0.05)	MM- (1.20)	OM-
					MMK-379. (1.20)	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DISTRICT OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct. Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	40h	Fld open 0900-1530 daily
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80 oct. Hill SE. RR NW.
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	32 S6	80 oct. Pole line E, NE.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	38 S1	80 oct. Trees E, NE, SW
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	20h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC (not charted) → NEW OR REVISED DATA

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 [illegible]	249	32h S6	80, 91 oct. Trees WNW, NE.
Maryland (Pomonkey)	0.2 S; RR S	170	30 S1	80, 91 oct.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct
Schrom (Greenbelt)	0.3 S[illegible]; hwy W	177	27h S6	80 oct. Trees NW, SE.

NEW JERSEY

Almonesson	0.6 NNW	50	18 S6	73 oct. Pole line NNE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 NE		24 S4	80 oct. No sto. Data unver.
Central (Camden)	1.8 E;riv S,W	20	25h	Open to private flying.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80 oct.Port.runway lgts on req
Pitman	1.6 NNW;RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	12.5 NE;RR N	240	44h	
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.8 NW;RR E	366	46h R1 S4	91,100 oct.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE;hwy SE	450	26 S6	80,91 oct. No sto. Poles NE.
Morrisville	1.6 W; riv E	180	28 S4	80 oct.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. Obsts sur fld.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 oct. Rdo rqrd.
PHILADELPHIA SOUTHWEST	6.5 SW;riv SW	10	54h R2 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	511	21 S6	80 oct. Data unver.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

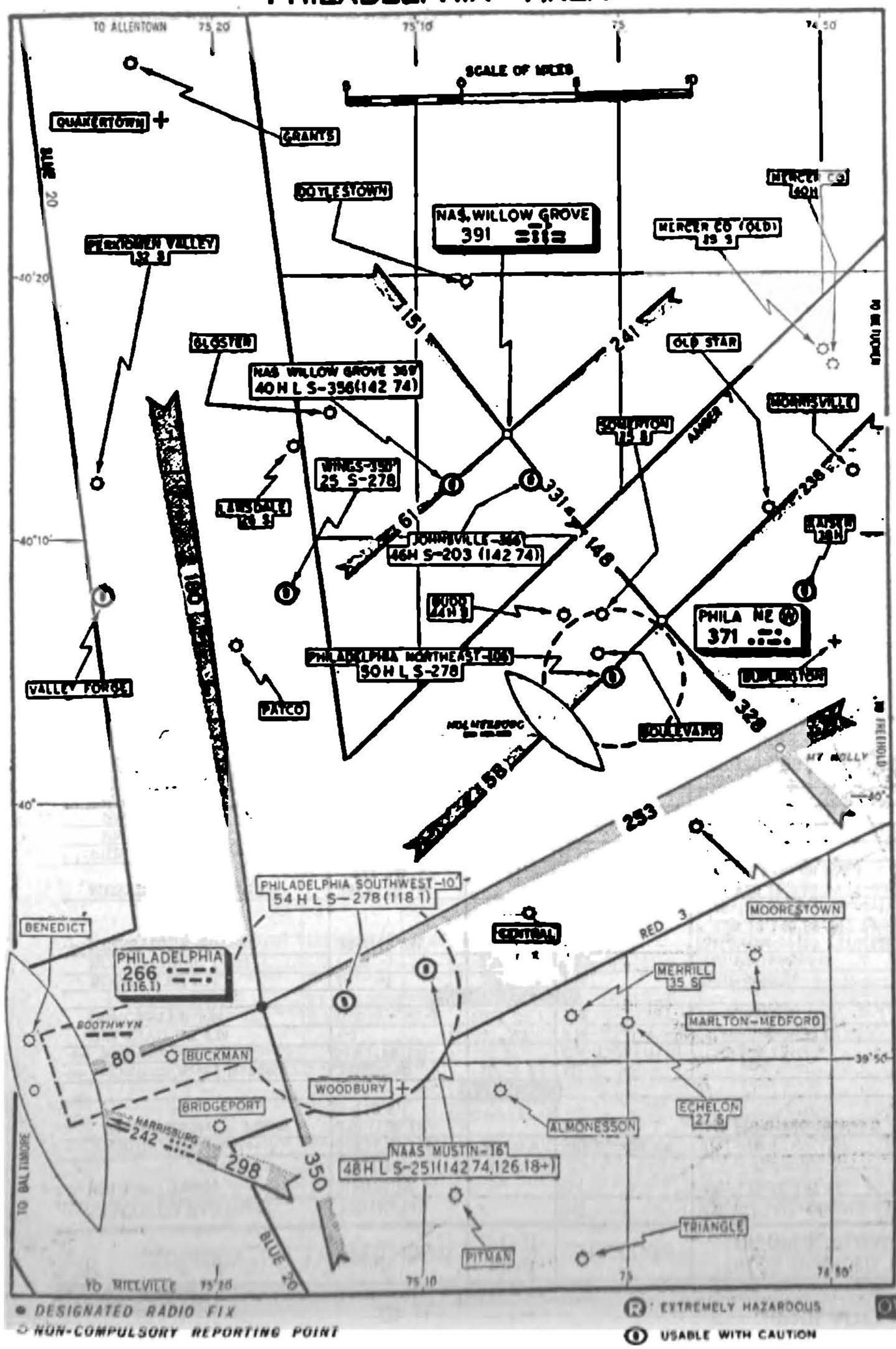
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	240	24 L1 S6	80 oct. No sto. Pole line S.
Crossroads (Alexandria)	4.5 NW;RR E	250	20 S1	Ltd 80 oct.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

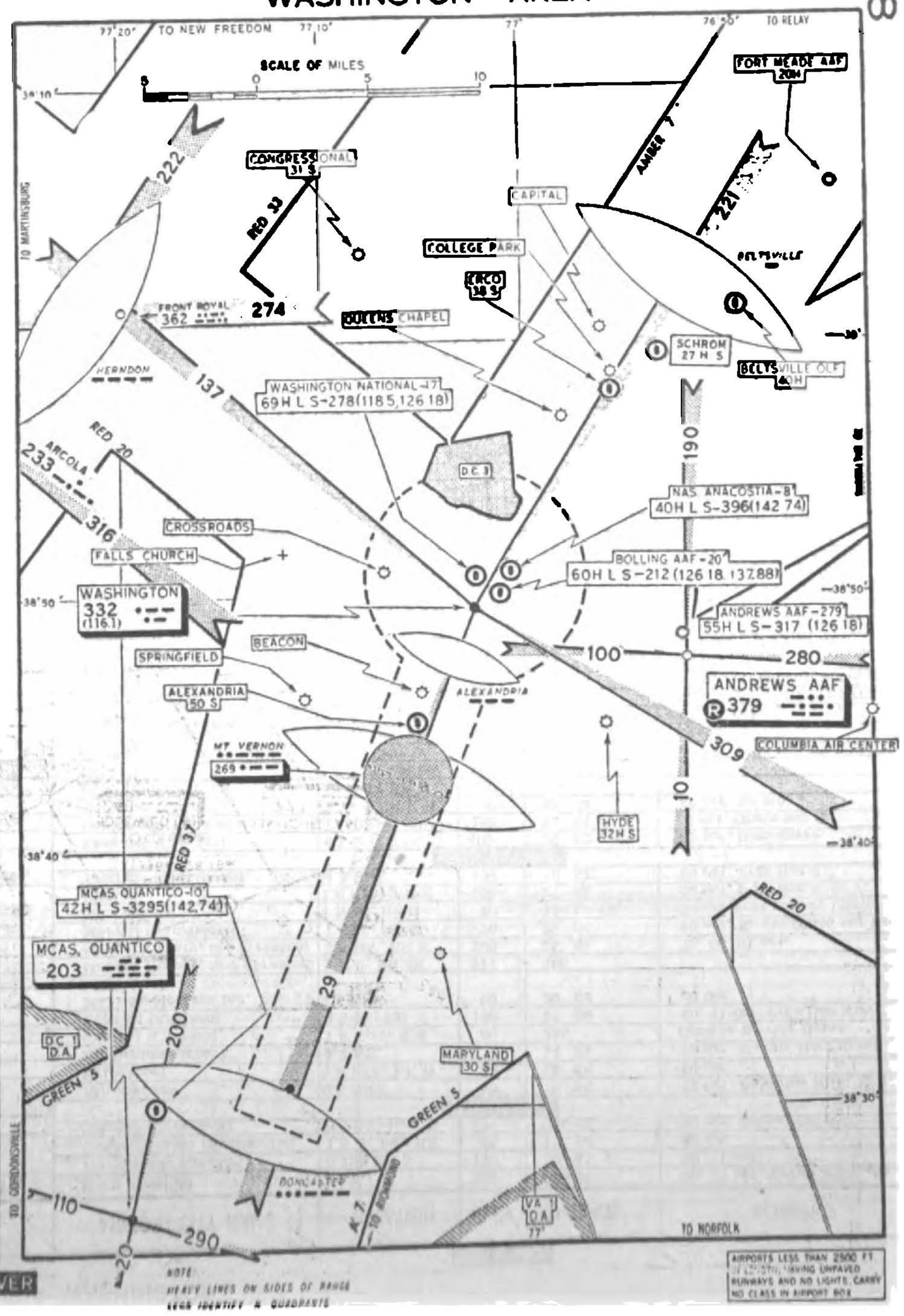
NEW AIRPORTS

Woodbury (N.J.)	2 S		20 S4	80 oct. Data Unver.
→ Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees,pole lines sur field.

PHILADELPHIA AREA



WASHINGTON AREA



NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 4 QUADRANTS

AIRPORTS LESS THAN 2500 FT [illegible] HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ EXTREMELY HAZARDOUS
Ⓞ USABLE WITH CAUTION

OVER

○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓘ : USABLE WITH CAUTION

ALBANY 43

NEW YORK 79

SOUTHERN NEW JERSEY

Remain above 3000' near Lakehurst, also between the NAS and coast (Intensive airship activities) unless approved by the New York center

NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.

EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX 100 MI SEAWARD. N. BOUND. U.S.-CANADIAN BORDER. S. BOUND. LAT 35-00

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

NEW ROCHELLE 275

LA GUARDIA 362 116.1,118.1,118.7,126.18

NEWARK 341 (116.1)

NEWARK 278 118.3,126.18

FLATBUSH 353

LA GUARDIA 209 (116.1)

MITCHEL AAF 396 126.18

IDLEWILD (W) 248

MITCHEL AAF 227

FLOYD BENNETT 379

NAS. FLOYD BENNETT 532

NAS. FLOYD BENNETT 388 142.74

MATAWAN(W)(VHF) 108.7

PHILA. NE(W) 371

NAS. LAKEHURST 3295 142.74

NAS. LAKEHURST 520

CALDWELL-WRIGHT 254 126.18

TETERBORO 326

REPUBLIC 371

MACARTHUR 278

GRUMMAN 323

NAS. ATLANTIC CITY 275 142.74

CGAS. CAPE MAY

LAKE SUSQUEHANNA · TRINCA · LINCOLN PARK · MURCHIO · AIRCRAFT RADIO CORP · PATTERSON · NEW HACKENSACK 236 · PORT CHESTER 16 · STEWART 236 · TO HARTFORD · TO BRANCHVILLE · ALLENTOWN 320 · RED 33 · RED 23 · RED 21 · E. HANOVER · MORRISTOWN · HACKETTSTOWN · SOMERSET HILLS · LEBANON 32 · WESTFIELD · ELIZABETH · SHINN-WOODBRIDGE · SOMERSET · NW JERSEY · SOLBERG-HUNTERDON · HADLEY · GREEN 3 · NO. BRUNSWICK · METUCHEN 13 · PRINCETON · PENNINGTON · MERCER CO. · MERCER CO. (OLD) · NASSAU · HIGHTSTOWN · MORRISVILLE · SKYHAVEN · OLD STAR · KAISER · BURLINGTON · MT HOLLY · PHILADELPHIA 266 · MOORESTOWN · FORT DIX · CASSVILLE 3 · LAKEWOOD · FREEHOLD 48 · RED BANK · ASBURY PARK · ASBURY PARK 20 · MONMOUTH CO. · CONEY ISLAND · HUGHES · STATEN IS. · TONKERS · LITTLE FERRY · NEW ROCHELLE 6 · CLENCOVE · GREAT NECK · FLUSHING · ROOSEVELT · HICKSVILLE · AVIATION COUNTRY CLUB · CARLL · MASTIC · FITZMAURICE · ZAHNS · COLUMBIA · ROCKAWAY · ROCKAWAY 5 · MITCHEL · LONG BEACH · AMBROSE · NEW YORK · SALEM · WILLVILLE 365 · DOWNSTOWN · CAVOLI'S · WOODBINE · SMITH · WILDWOOD · CAPE MAY · ATLANTIC CITY · FORKED RIVER 15 · FORKED RIVER · PINELVILLE 365 · WASH. OCEANIC ATC · N. Y. OCEANIC ATC

SCALE OF MILES 10 0 10 20 30

OVER

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW JERSEY			
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(342.74)	CN	(3): 142.74 (8-sunset)
CALDWELL•WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. - - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS):58°, 1.6	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5
NEW YORK			
→ CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMK, 222°,16.1	La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	38[illegible](142.74)	CN(GCA):122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532	K	
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon. Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
→ LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV222°,3.2	(3);116.1
→ La Guardia Field	362(126.18,118.1 118.7,116.1)	AC (ILS)	(4);126.18,118.5,118.1 122.5 118.7, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAPZ-DT	(3)
→ Mitchel Field	396(126.18) +	CA(LS)(GCA);301°3.2	(3),126.18(approach control)
→ NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMK, 42°, 5.6	La Guardia
PORT CHESTER FM	(- -)	FM, 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett
PENNSYLVANIA			
PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (ELOC COMPASS LOCATORS)		
→ LA GUARDIA	109.9 (W)	333.8	44° Mag.	IM- (0.04)	MM- ·····(0.81)	OM- --(4.49)
					MMK-233 ---(0.81)	OMK 317 ---(4.49)
MITCHEL(L6)(A)	110.3 (W)	335	300°Mag.	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)
					MMK-257 --(0.87)	OMK 201 ---(4.14)
NEWARK (L6)	110.3 (W)	335	58°Mag.	IM-	MM- ·····(0.61)	OM- --(4.64)
					MMK-	OMK-

S-Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + —Army A.C.S. transmits on and guards 116.1, 137.88-140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Aero-Marine Terminal (Keyport)	1 NE;RR S	10	15	Bldg SW.Hwy S. (NC)
Acft.Radio Corporation (Boonton	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	21 S4	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.Rnwy data unver.
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;RR N	560	30 S2	73, 80 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S4	91,100 oct.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	40h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;rd E	180	30 S5	80 oct.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct, Trees N.
(A) NEWARK	3.5 SSE;RR E	10	79h R3 (L6) S6	80,91,100 oct.JP-1.No sto.2-way rdo rqrd. FEE
North Brunswick	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.5 W;RR S	380	19	Poles N,S.
Ocean Co. (Adamston) (NC)	1 SW;riv N	14	21	Obsts sur fld.
Pennington	2 ESE,RR W	230	20 S6	80 oct.No sto.Pole line ESE.
Princeton	3 N;riv E	160	27	Pole line E,ESE.
Red Bank	1 S;RR E	80	25 S6	80,91 oct. Pole line W.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;RR W	20	19	Pole line WNW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	50 L S6	80,91 oct. Data unver.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW,RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE,RR 1SE	70	15	Restricted to USFS.
Trinca (Andover)	2 WSW,RR E	600	24 S6	73 oct.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto.Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h	Obsts S.
(P) Woodbine	2 SE	39	25h	Trees sur fld. At jct of RRs.
NEW YORK				
Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
East Hampton	2.5 W;RR S	40	25 S4	80 oct. No sto.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn.*NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	115	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
Mattituck	0.8 ESE;bay S	12	25 S6	80,91 oct. Poles N.
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	90	54h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	85	66h R1 L5	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	66	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
PENNSYLVANIA				
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
NEW AIRPORTS				
Aviation Country Club (Hicksville)(N.Y.)	2 S;hwy S	104	24 S6	80,91 oct.
Nassau Arpk (Clarksville,N.J.)	1 NE;RR SE	80	30 S4	80 oct.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing (See page xiii) NC (not charted) → NEW OR REVISED DATA

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(116.1)	SBRAZ-VDT, 149°,0	(4);116.1.122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(116.1)	SBMRLZ-VDT, 298°, 3.9	(3);116.1.122.1
LOS ANGELES	260(LA)118.1	SBRAZ-VDTX 244°] 8	(3);116.1.122.1
LOS ANGELES	109.1(LA)(111.1)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR MCAS (San Diego)	3295(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS			DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA, 64°,2.2	(3); 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-VDT,317°,0.1	(4); 116.1
OCEANSIDE	326(OC)(116.1)	BHVT	(4), 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-VDT, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(116.1)	SBMRAZ-VDT, 128°,2.9	(4); 116.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(116.1)	SBRAZ-VDT,139°, 2.3	(3), 116.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3), 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	25 L S2	Ltd 73 oct. Port rnwy lgts
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct. No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	35 S1	80,91 oct.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct. No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII. NC-not charted) → NEW OR REVISED DATA

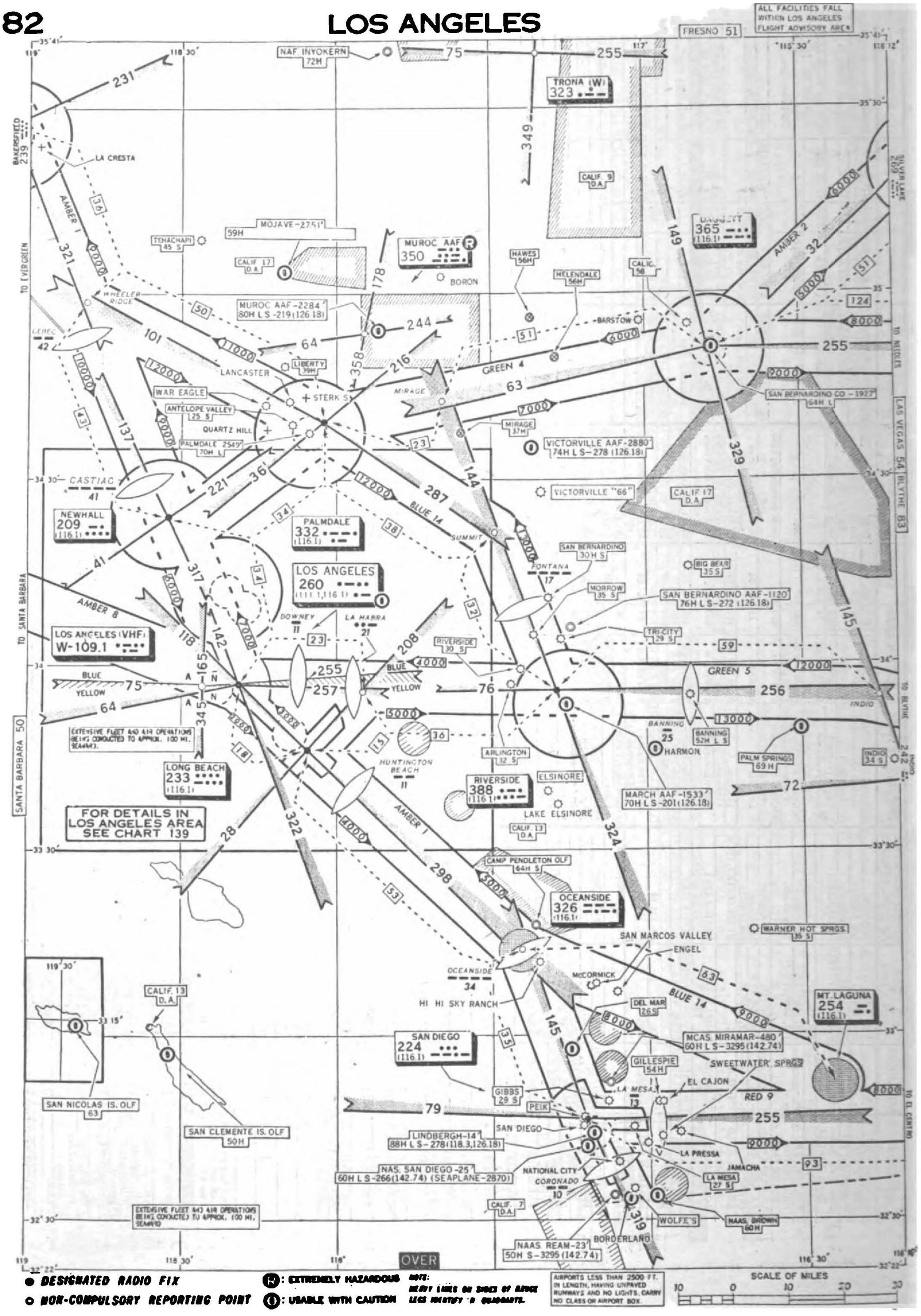
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	INACTIVE.
Buffalo Springs(Avalon) (NC)	7 NW	1560	35	On Catalina Island. PRIVATE.
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct. No sto. Trees SE, hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S4	87 oct. No sto. Poles NE,E
(N) Gillespie MCAAF (N)	1 SSW,rd E	385	54h	Towers W. 'Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct. No sto. Trees NE, SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE	660	36h S5	80,91 oct. Data unver.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct. No sto. Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	80,91 oct. Rdo rqrd
(A) LINDBERGH (San Diego) ARPT OF ENTRY	2 W	14	88h R2 L5 S6	ARMY TMP INACT: CIVIL FACS
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEARSTN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct. Poles E.
(A) Mirage(Victorville)(A)	18 WNW,rd S	2865	37h	CLOSED
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	INACTIVE
Morrow (Rialto)	1.8 S,RR N	1100	35 S5	80,91 oct. Pwr line W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct. JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5	Lgts prior req.
Pelk (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S1	80,91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR W	1425	30h L S6	80,91 oct. Port rnwy, obst lgts prior req. Rnwy data
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, unver. JP-1
San Bernardino Co. (Daggett)	5 E,RR S	1927	64h R1 L3	
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	INACTIVE.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W,RR,hwy S	530	19 S4	80 oct. No sto. Hill NE

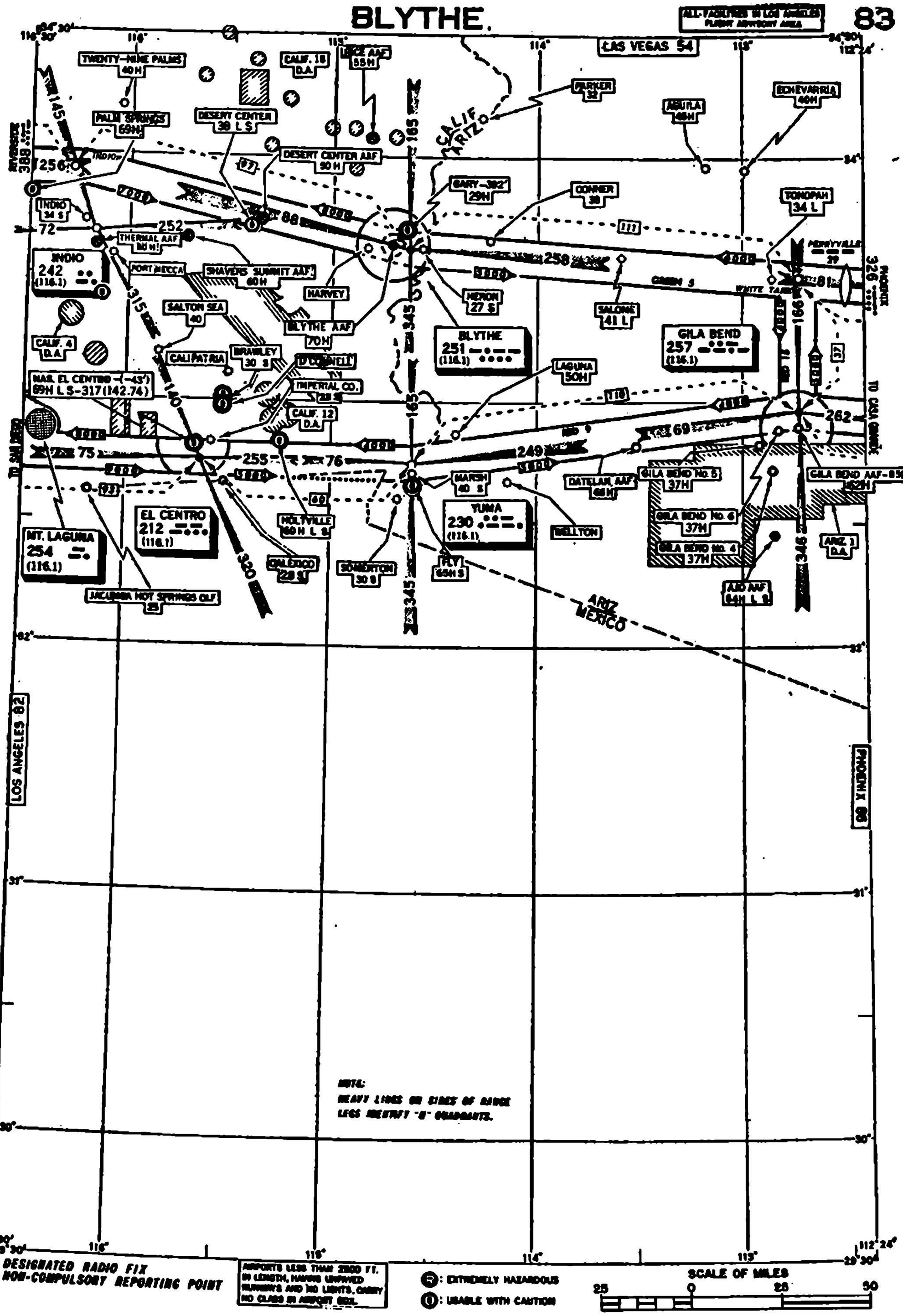
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2880	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW,RR E	3225	32 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona OLF (N)	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.5 E	480	30h	

LOS ANGELES


ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA
FRESNO 51
NAF INYOKERN 72H
TRONA (W) 323
BAKERSFIELD 239
LA CRESTA
AMBER 1
TEHACHAPI 45 S
MOJAVE-2751' 59H
CALIF 17 D.A.
MUROC AAF 350
BORON
HAWES 56H
HELENDALE 56H
CALIC 58
CALIF 9 D.A.
DAGGETT 365 (116.1)
SILVER LAKE 269
AMBER 2
WHEELER RIDGE
MUROC AAF-2284' 80H L S-219 (126.18)
LEREC 42
LANCASTER
LIBERTY 39H
WAR EAGLE
ANTELOPE VALLEY 25 S
QUARTZ HILL
PALMDALE 2549' 70H L
STERK SS
BARSTOW
GREEN 4
MIRAGE
SAN BERNARDINO CO-1927' 64H L
MIRAGE 37H
VICTORVILLE AAF-2880' 74H L S-278 (126.18)
CASTIAC 41
NEWHALL 209 (116.1)
PALMDALE 332 (116.1)
BLUE 14
SUMMIT
VICTORVILLE "66"
CALIF 17 D.A.
LOS ANGELES 260 (111.1,116.1)
SAN BERNARDINO 30H S
FONTANA 17
BIG BEAR 35 S
MORROW 35 S
SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)
AMBER 8
DOWNEY 11
LA HABRA 21
LOS ANGELES (VHF) W-109.1
RIVERSIDE 30 S
TRI-CITY 29 S
GREEN 5
INDIO
BLUE
YELLOW
EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.
BANNING 25
BANNING 52H L S
HARMON
PALM SPRINGS 69 H
INDIO 34 S
LONG BEACH 233 (116.1)
HUNTINGTON BEACH 11
ARLINGTON 32 S
RIVERSIDE 388 (116.1)
ELSINORE
LAKE ELSINORE
MARCH AAF-1533' 70H L S-201 (126.18)
FOR DETAILS IN LOS ANGELES AREA SEE CHART 139
AMBER 1
CALIF. 13 D.A.
CAMP PENDLETON OLF 64H S
OCEANSIDE 326 (116.1)
SAN MARCOS VALLEY
ENGEL
WARNER HOT SPRGS 35 S
OCEANSIDE 34
HI HI SKY RANCH
McCORMICK
DEL MAR 26 S
MT. LAGUNA 254 (116.1)
SAN DIEGO 224 (116.1)
MCAS MIRAMAR-480' 60H L S-3295 (142.74)
GILLESPIE 54H
SWEETWATER SPRGS
EL CAJON
LA MESA 13
RED 9
GIBBS 29 S
PEIK
SAN NICOLAS IS. OLF 63
SAN CLEMENTE IS. OLF 50H
SAN DIEGO
LINDBERGH-14' 88H L S-278 (118.3,126.18)
LA PRESSA
JAMACHA
NAS. SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)
NATIONAL CITY
CORONADO 10
LA MESA 27 S
CALIF. 7 D.A.
WOLFE'S
NAAS. BROWN 60H
NAAS. REAM-23' 50H S-3295 (142.74)
BORDERLAND
EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.
TO SANTA BARBARA
TO EVERGREEN
TO NEEDLES
LAS VEGAS 54
BLYTHE 83
TO BLYTHE
TO EL CENTRO
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(I): USABLE WITH CAUTION
NOTE: HEAVY LINES ON EDGES OF AREAS LESS HEAVILY USED GRADUATE.
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

BLYTHE.


LAS VEGAS 54
LOS ANGELES 82
PHOENIX 86
TWENTY-NINE PALMS 40H
PALM SPRINGS 69H
DESERT CENTER 38 L S
CALIF. 18 D.A.
DESERT CENTER AAF 90 H
INDIO 34 S
INDIO 242 (116.1)
THERMAL AAF 80 H
PORT MECCA
SHAVERS SUMMIT AAF 60 H
SALTON SEA 40
HARVEY
BLYTHE AAF 70H
CALIPATRIA
BRAWLEY 30 S
IMPERIAL CO. 28 S
CALIF. 4 D.A.
NAS. EL CENTRO (-43') 69H L S-317(142.74)
CALIF. 12 D.A.
EL CENTRO 212 (116.1)
MT. LAGUNA 254 (116.1)
HOLTVILLE 60 H L S
CALEXICO 28 S
SOMERTON 30 S
YUMA 230 (116.1)
MARSH 40 S
WELLTON
DATELAND AAF 66H
GILA BEND 257 (116.1)
GILA BEND No. 5 37H
GILA BEND No. 6 37H
GILA BEND No. 4 37H
GILA BEND AAF-BKN 62H
ARIZ. 1 D.A.
AJO AAF 64H L S
TUCSON 34 L
PENNYVILLE 39
BLYTHE 251 (116.1)
HERON 27 S
SALOME 41 L
LAGUNA 50H
PARKER 32
ABUTLA 46H
BONEVARRIA 40H
CONNER 38
GARY-382' 29H
CALIF. 78
ARIZ. 72
MEXICO
TO CASA GRANDE
NOTE:
HEAVY LINES ON SIDES OF RINGS
LESS RESTRICT "B" QUADRANTS.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-VDT,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
→ YUMA (Fly)	230(UP)(116.1)	SBMRAZ-VDT,165°,5.8	(4); 116.1
CALIFORNIA			
→ BLYTHE AAF	251(YH)(116.1)	SBMRAZ-VDT,268°,4.1	(4); 116.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-VDT	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-VDT	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHVT	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW	2000	45h	
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner(Quartzsite)	0.3 SSW,hwy N	850	38	150' hill S.
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	14.8 WSW,RR N	2380	40h	
(A) Gila Bend AAF (A)	4 S,hwy W	850	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
Parker	1.4 ENE;RR W	430	32 S2	No fuel. Fld rough.RR S.
Salome (NC)	0.7 S,hwy N	1876	45	15' poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,riv E	2000	24	Trees SSE.
Smiley (Wellton)	13 E,RR S	250	26	Poles SW, NE. (NC)
Somerton	3 ENE,RR W	250	30 S3	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg	1102	34 L2	
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF(N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	
(N) Coyote Wells OLF -South(N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck)
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	91, 100 oct. No sto.
Gary (Blythe)	5 NNW,RR N	392	29h	
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S1	73 oct.Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		17 S6	80 oct.Data unver.
(P) PALM SPRINGS	2.5 E,RR NE	443	69h L5	Lgts prior req.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	
NEW AIRPORTS				
(P) Fly (Yuma,Ariz.)	4.5 SSE.RR N	213	65h R1 L S2	80 oct. Ltd sto. Bndry lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xLI) NC-(not charted). → New or revised data.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-VDT, 253°, 2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-VDT,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-VDT;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-VDT,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

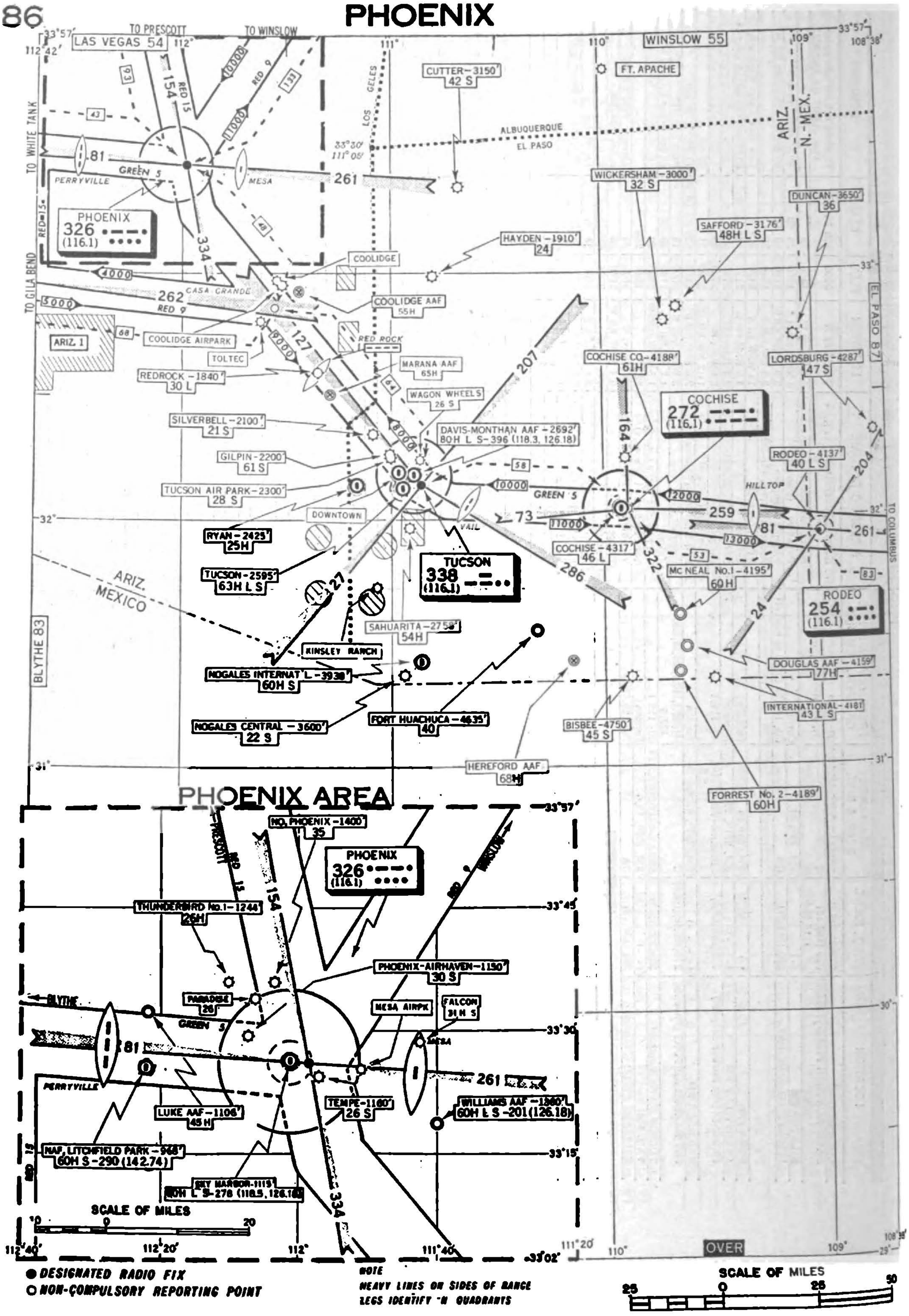
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,RR N	1050	26	
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct. Poles W. Port. rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenlee (Clifton)(NC)	8.7 SSE,hwy W	3800	35	
* Cochise Int, T-3, PH-EO	6 S,hwy E	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S,RR E	1450	34	
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW,RR E	1450	21 S1	80 oct. Pole line E.
Cutter (Globe)	6.8 ESE,RR N	3150	42 S4	80 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5 SE,RR SW	2692	80h R2 L5 S6	73-100 oct. JP-1.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	TMP INACT NO FACS Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE,hwy S	1332	31h S6	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	TMP INACT NO FACS
(P) Ft. Apache (White River)	2.6 SSW,riv S	5200	34	Trees S.
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
Gilpin (Tucson)	4.2 NW,RR W	2200	61 L5 S6	80,91 oct. Poles E, SW.
Hayden	1.2 S,hwy E	1910	24	
(A) Hereford AAF (A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW,riv E	3100	31	RR E
Litchfield (Litchfield Park)(NC)	0.5 NW,canal S	1062	23	Trees SW.
(N) Litchfield Park NAF (N)	4.8 S,riv E	968	60h R1 S1	100 oct.
(A) Luke (Phoenix)(A)	18 WNW	1106	45h	TMP INACT NO FACS
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	TMP INACT NO FACS
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W,RR SE	1238	27 S1	80 oct. Poleline E.
Nogales Central	3 N,RR E	3600	22 S6	80 oct. No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) NC-(not charted). → NEW OR REVISED DATA.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE,hwy N	3938	60h L5 S4	73,80,91 oct. All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35	
Paradise (Phoenix)	6 NNW,canal S	1256	26 S2	80,91 oct. Trees S
Phoenix Airhaven	3.9 WNW,RR W	1150	30 S6	80 oct. No sto. Poles SW,NE.
* Redrock Int, 7B, PH-EO	2.3 NW,RR E	1840	30 L4	
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike,S and E corner.
Safford	4.5 ENE,riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,hwy W	2758	54h	
Sells (NC)	2 NW,rd E	2380	30	
Silverbell (Tucson)	11.2 NW,RR E	2100	21 S1	80 oct.
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	73,80,91,100 oct.
Superior (NC)	2 WSW,hwy N	2600	15	Pole line NE.
Tempe	1.2 SW,RR E	1160	26 S6	80 oct. Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW,RR SW	1400	32	
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	25	Allway: 2500 x 2000'
Toltec	0.4 NNW,RR W	1500	26	Poles SSW,SW.
(P) Tucson	7 S;RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	28 S1	Ltd 80 oct.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. No sto. Poles S,SE.
Wickersham (Safford)	2.5 S,RR NE	3000	32 S6	80, 91 oct.
Willcox (NC)	0.9 WNW,hwy E	4186	36	75' trees SE,bldgs NE.
(A) Williams (Chandler) (A)	10 E	1360	60h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	34 S2	80,91 oct. Poles N.

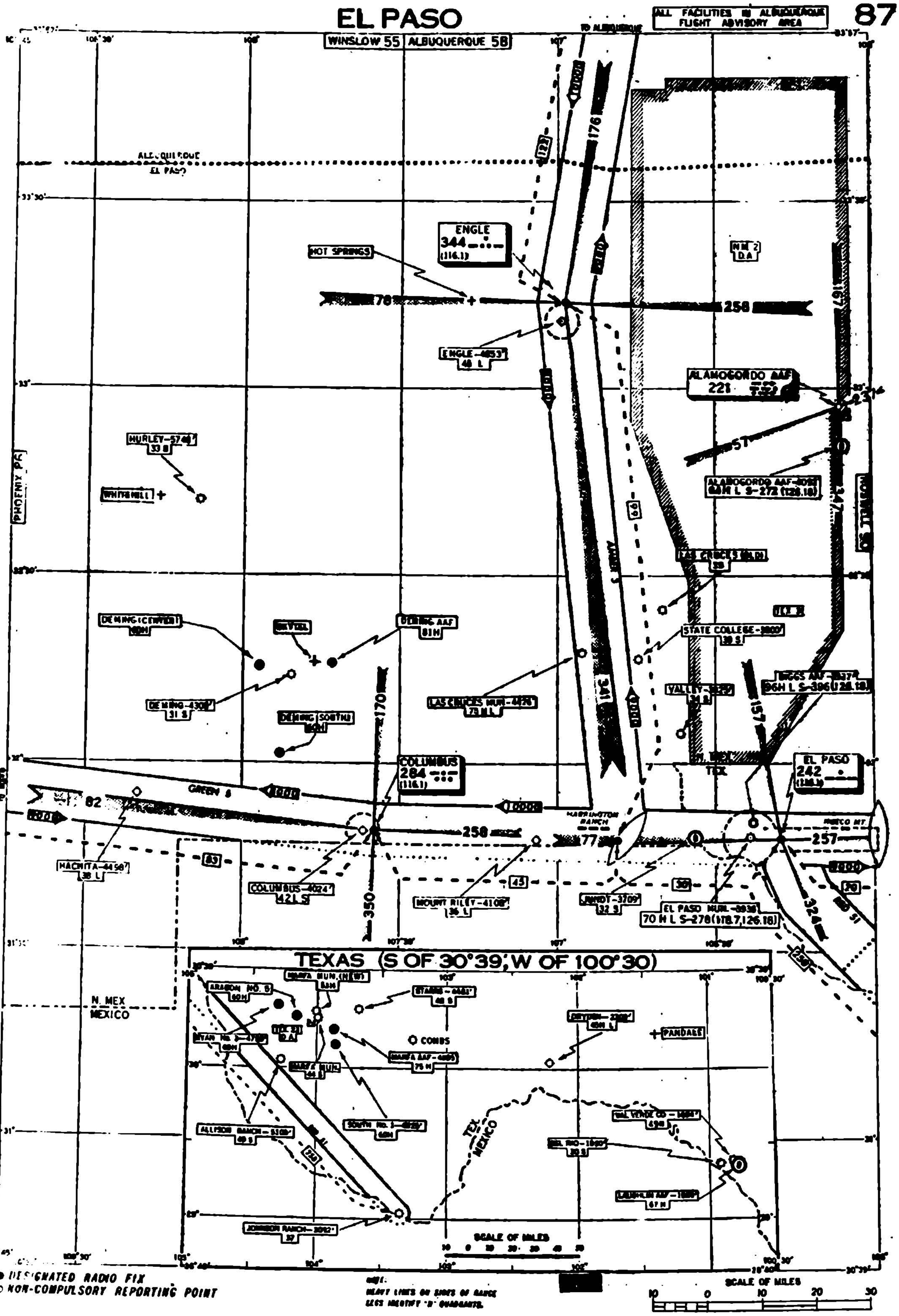
PHOENIX



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS

EL PASO


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
WINSLOW 55
ALBUQUERQUE 58
TO ALBUQUERQUE
ALBUQUERQUE
EL PASO
ENGLE
344
(116.1)
HOT SPRINGS
ENGLE—4853'
46 L
ALAMOGORDO AAF
221
HURLEY—5748'
33 S
WHITE SANDS
PHOENIX ARC
DEMING (CENTER)
DEMING
DEMING AAF
81 H
DEMING—4307'
31 S
DEMING SOUTH
LAS CRUCES MUN—4295'
LAS CRUCES
STATE COLLEGE—3900'
39 S
VALLEY
COLUMBUS
284
(116.1)
EL PASO
242
(116.1)
HACHITA—4458'
38 L
COLUMBUS—4024'
42 L S
MOUNT RILEY—4108'
36 L
JUNOT—3709'
32 S
EL PASO MUNI—3938'
70 H L S—270 (118.7, 126.18)
HARRINGTON RANCH
TEXAS (S OF 30°39', W OF 100°30')
N. MEX
MEXICO
ARAGON NO. 5
60 H
STARR—4481'
48 S
COMBS
PANDALE
ALLISON RANCH—5100'
49 S
JOHNSON RANCH—3912'
37
TEX
MEXICO
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
HEAVY LINES ON STATE OF RANGE LEGS INDICATE "R" QUADRANTS.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMOGORDO (Army)	221 (DGR)	BMRLZ	(3);4220;126.18
Alamogordo AAF	272 (126.18)	CA;167°,8.5	(3);126.18 (730-24)
COLUMBUS (Int.)	284(KS)(116.1)	SBMRAZ-VDT, 262°, 1.9	(4); 116.1
ENGLE (Int.)	344(EX)(116.1)	SBRAZ-VDT,172°, 2.9	(4); 116.1
HARRINGTON RANCH FM	(- - -)	FM, 257°, 28.5	El Paso, Texas
BIGGS FLD (El Paso)	396 (126.18)+	CA (ILS)	(3); 126.18
EL PASO	242(EO)(116.1)	SBRAZ-VDT	(3);116.1,122.1
El Paso Mun. Arpt.	278 (126.18) (116.7)	AC(ILS);257°,4.9	(4):122.5,118.7,126.18
HUECO MTN. FM	(-)	FM, 77°, 18	El Paso

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
→ BIGGS(A)	109.9 (W)		210° Mag.	IM- (0.26)	MM- ····· (0.85)	OM- -- (4.35)
					MMK-	OMK-
→ EL PASO	109.5 (W)	332 6	217° Mag	IM-	MM- ·--(0.67)	OM- -- (4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Alamogordo AAF(A)	8.5 SW,hwy S	4092	84h R2 L5 S4	73, 100 oct.
★ Columbus Int,34, PH-EO	0.6 ESE,hwy N	4024	42 R1 L3 S1	73 oct.
(A) Deming AAF(A)	2 ESE,hwy W	4314	81h	CLOSED
Deming Arpk.	6 WSW,RR N	4300	31 S4	73 oct.No sto.
(A) Deming (South) (A)	19.5 SSW	4240	60h	CLOSED
(A) Deming (Center)(A)	11.5 W,hwy S	4440	60h	CLOSED
★ Engle Int,10,EO-PU	2.6 E,hwy N	4853	45 R1 L3	
★ Hachita Int,29B, PH-EO	0.8 W,RR N	4498	38 L3	Pole line N.
Hot Springs	7.4 N,hwy E	4500	75 S4	80 oct.Rnwy data unver
Hurley	0.8 W,RR E	5748	33 S4	73 oct.No sto.
Jundt (Strauss)	8.8 ESE,hwy NE.	3709	32 S6	73,80 oct.No sto.Trees E.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted) → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Las Cruces (NC)	1 NE,hwy N	3900	35	
→ Las Cruces,	8.5 W,hwy S	4426	75h L5	4,EO-PU
→ Las Cruces, (old)	9.5 NE,hwy S	4538	39	Pwr line S. Mtn E.
★ Mt.Riley Int,37,PH-EO	1.8 SE,RR N	4106	36 L2	
Silver City (NC)	11.5 SE,hwy E	5400	54	
State College (Mesilla Park)	1.2 E,RR W	3800	30 S6	73 oct.No sto.
Tularosa (NC)	2.2 N,RR W	4550	25	Use strips only.
Valley (Berino)	1 ENE,hwy W	3825	34 S1	73 oct,50'hi-line E.
Whitehill (Silver City)	4 SSE	5800	30	Poleline N.Rnwy data unver.
Allison Ranch (Marfa)	23.4 SW,hwy E	5100	49 S1	73 oct.
(A) Aragon #5 (Marfa)(A)	9 WNW,RR, N	4880	60h	CLOSED
(A) Biggs (El Paso)(A)	6 NE,RR W	3937	96h R3 L5 S6	73,91,100 oct.IP-1.No range.
Blair Ranch (Marathon (NC)	23.5 SSW,hwy E	4180	24	PRIVATE.
Castolon (NC)	0.8 NNW,riv SW	2300	16	High butte 1/2 mi E.
Cox Ranch (Longfellow) (NC)	8.4 WSW,RR S	3700	48	PRIVATE.
Decker Ranch (Candelaria) (NC)	11.5 N	3650	29	PRIVATE.
Del Rio	1.5 WNW,hwy E	1000	30 S4	80 oct.No sto.Poles N.
Dryden Airdrome (Dryden) (NC)	1 W	2159	18	
★ Dryden Int,29,EO-PI	5.7 W,hwy N	2300	45h L3	
EL PASO MUN.	4.8 ENE,RR SW	3936	70h R3 L5 S1	73,91,100 oct.No sto. ARPT OF ENTRY.
Johnson Ranch (Castolon)	10.7 SE,riv SW	2092	37	
(A) Laughlin (Del Rio)(A)	7 E,hwy N	1069	67h	CLOSED
(A) Marfa AAF (A)	9 ESE,RR N	4885	75h	CLOSED
Marfa Mun. (new)	4 N,hwy E	4835	53h	
Marfa Mun. (old)	2 NE,hwy,RR S	4780	44 S4	73 oct.No sto.Poleline
Presidio (NC)	4 N,hwy W	2850	48	NOT MNTND. S, SW.
Presidio Air Strip	0.8 NE,RR S	2580	21	PRIVATE. (NC)
(A) Ryan #3 (Marfa)(A)	19 WNW,RR NE	4750	60h	CLOSED
Sanderson Landing Strip (NC)	2 W,RR N	2900	24	PRIVATE.
(A) South #1 (Marfa)(A)	15 SE	4825	60h	CLOSED
Starns (Alpine)	2.1 NW,RR E	4481	42 L S6	80,91 oct. Rnwy lgts prior req.
Terlingua (NC)	2 E,hwy SW	2700	36	
Val Verde Co.(Del Rio)	4.5 ENE,RR S	1094	49h	
Yoas Ranch (Longfellow)(NC)	6.5 WSW,RR N	3675	36	PRIVATE.Pole line NW.

NEW AIRPORTS

Combs (Marathon,Tex.)	0.7 SE; RR,	4100	27 S2	80 oct. Data unver.
→ Skytel (Deming,N.M.)	1 W		40 S2	73,80 oct.Data unver.
Pandale, (Tex.)	8 NE		20 S2	80 oct.Data unver.

RADIO — NEW MEXICO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
CARLSBAD	311(DKB)	MRLW:322°,3.5	
ROSWELL (Army)	305 (DEH)	SBMRAZ	(3): 126.18
Roswell AAF	396 (126.18)+	CA:255°, 3.6	(3): 126.18
TEXAS			
GUADALUPE PASS	(116.1)	VP	116.1
GUADALUPE PASS FM	(-)	FM, 79°, 17.4	Salt Flat
HUECO MOUNTAIN FM	(-)	FM, 77°, 18	El Paso
SALT FLAT (Int.)	335(DN)(116.1)	BMRLPZ-VDT:162° 2.7	(4); 116.1

S-Simul. Range and Voice; W Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NEW MEXICO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alamogordo	2.4 N,hwy W	4320	29 S1	73 oct.Poleline ESE.
(P) Artesia Mun.	4.2 W,rd S	3550	69h L5 S1	73-91 oct.
B&B Flying Service (Roswell)	2 S,RR E	3600	32 S2	80 oct.
CARLSBAD MUN.	6.1 SSW,	3276	65h L5	Hwy E,Rnwy lgts on req.
Carlsbad	3 N,RR E	3100	38 S2	80 oct.
Carlsbad #1	11 S,hwy 3 W	3245	67h	
Carrizozo	0.6 N,hwy S	5420	33	
Dora (NC)	1.3 E,hwy W	4000	27 S1	73 oct.Pole line N.
Flying "M" Ranch (Milnesand)	0.4 NNW, hwy E	4360	20 S2	80 oct.Data unver.
John J. Small (Carlsbad)	3.5 SSE,RR NE	3150	27 S1	73 oct.
Lovington	0.8 E,hwy S	3985	36	Pole line S,SE,SW.
Parker (Ruidoso) (NC)	8.2 NNE,	7200	36	Cattle on fld. Road N.
ROSWELL	1.6 WNW,	3621	56 L5 S6	73 oct.Fld lgts prior request. RR E
Roswell Com.	4 W,hwy N	3700	33	Windmill SW.
(A) Roswell AAF (A)	6.5 S	3662	85h R2 L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3 (A)	18 S	3712	70h	CLOSED
Ruidoso Flying Svc.	2 N	6900	51 S2	80 oct.Data unver.

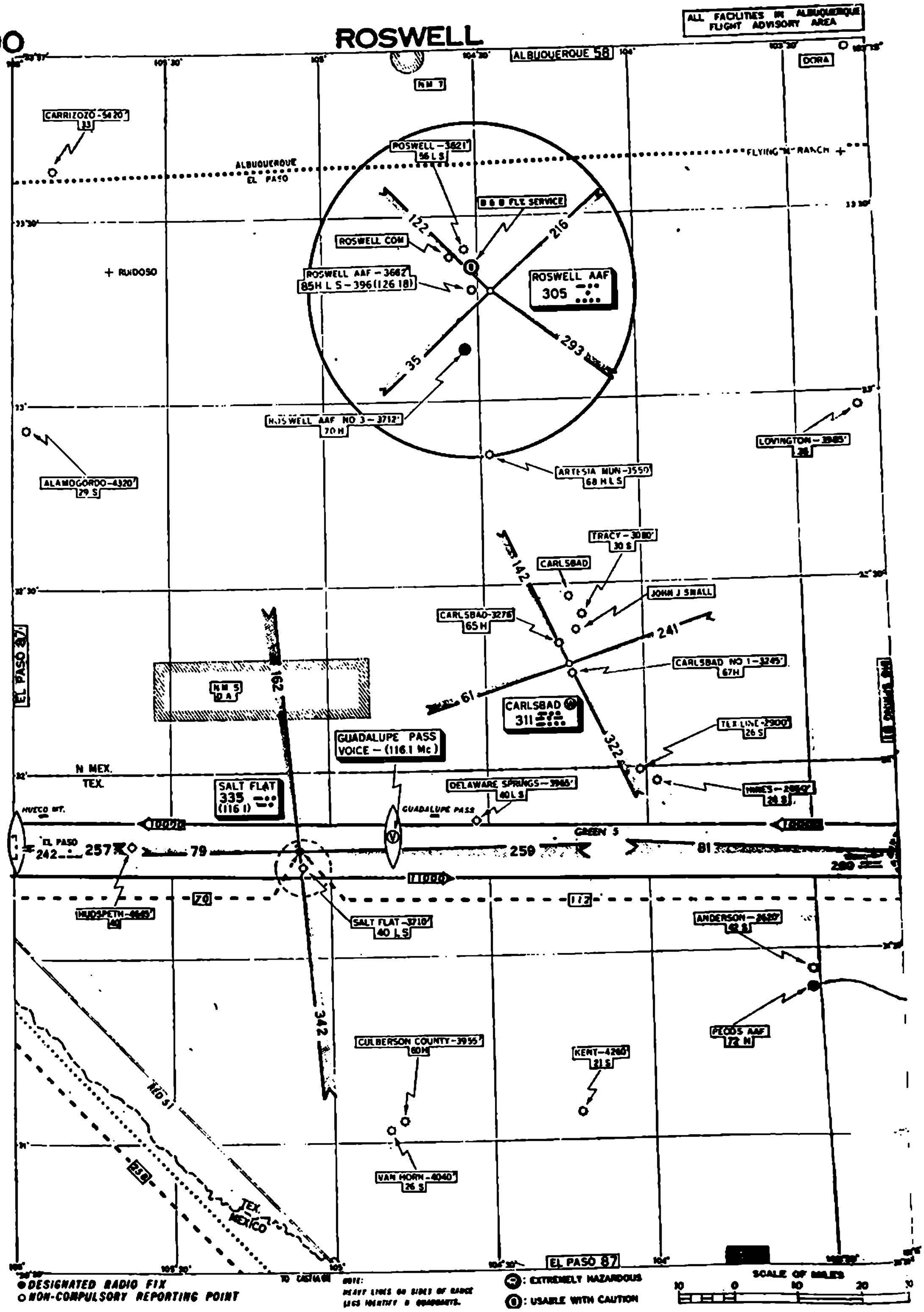
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) NC-(not charted). → New or revised data

NEW MEXICO

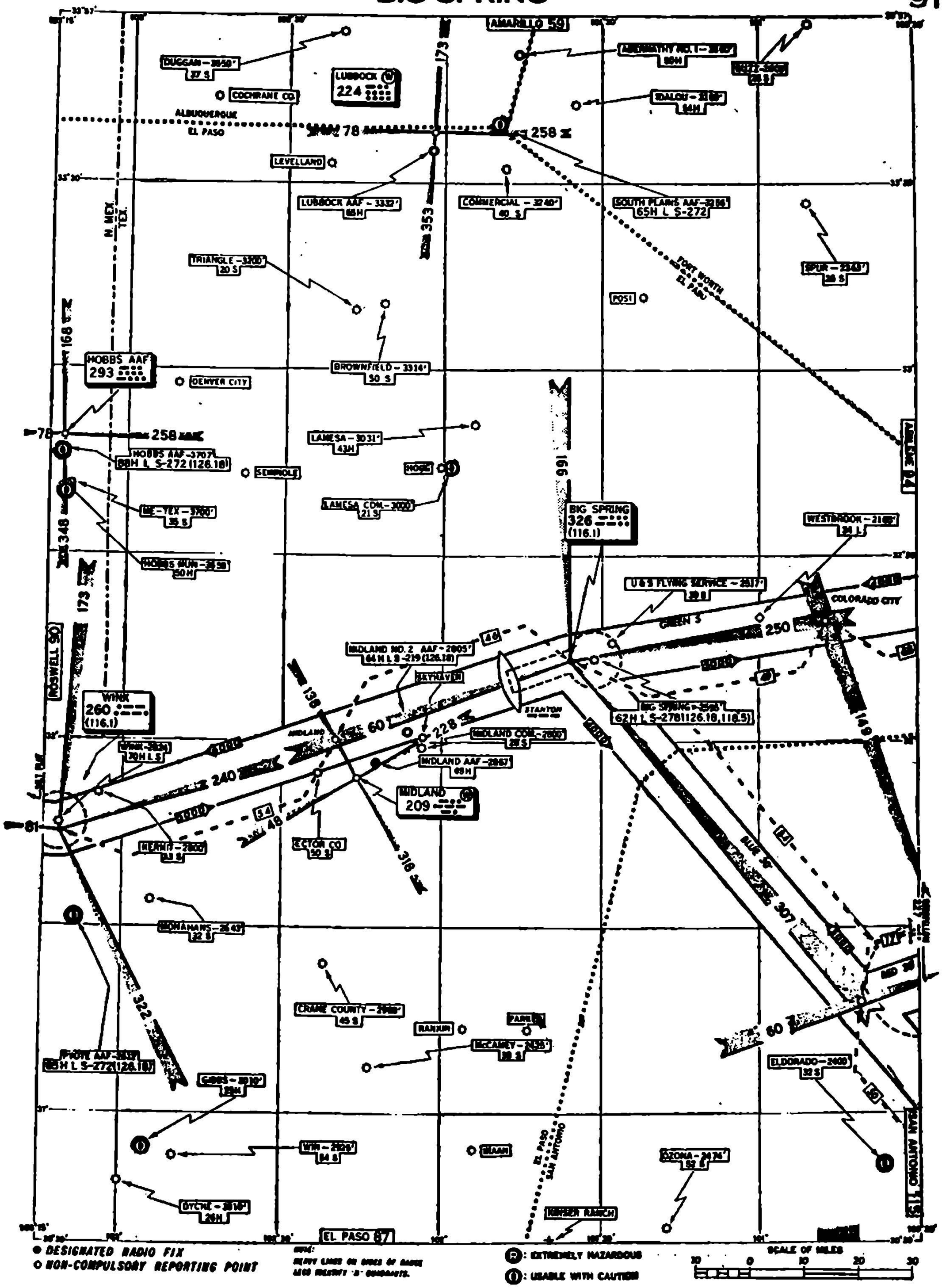
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tracy (Carlsbad)	2 ENE,hwy S	3080	30 S6	80 oct.
TEXAS				
Anderson (Pecos)	1.8 NNW,RR W	2620	42 S6	80 oct.Poles sur fld.
(P) Culberson Co.(Van Horn)	3.5 ENE,RR S	3955	60h	
★ Delaware Springs Int. 11, EO-FV	16.8 E Pine Springs	3955	40 L3 S1	91 oct.Pole line SSE.
Fort Hancock (NC)	0.7 SE,RR N	3565	24	Pole line N.
Hines (Red Bluff Lake)	5.5 NNW,RR W	2850	24 S1	80 oct.
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	
Kent	0.6 WNW, RR S	4260	21	Pole line NE,SW.PRIV.
(A) Pecos AAF(A)	2.2 SSW	2617	72h	RR W CLOSED
★ Salt Flat Int,8A,EO-FV	80 E El Paso	3710	40 R1 L3 S1	80 oct.;91 oct. in emerg
Sierra Blanca (NC)	2.8 ESE	4450	21	Pole line N.Hwy N.
Tex-Line (Orla)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Van Horn	0.8 SE,RR N	4040	26 S1	80 oct.Poles NW.

NEW AIRPORTS

ROSWELL


ALL FACILITIES IN ALBUQUERQUE FLIGHT ADVISORY AREA
ALBUQUERQUE 58
DONRA
NM 7
CARRIZOZO - 5420'
33
ROSWELL - 3621'
56 L S
ALBUQUERQUE
EL PASO
FLYING "H" RANCH
B & B FLT SERVICE
122
216
ROSWELL COM
ROSWELL AAF - 3662'
85H L S - 396 (126 18)
ROSWELL AAF
305
+ RUIDOSO
293
35
ROSWELL AAF NO 3 - 3712'
70 H
ARTESIA MUN - 3550'
68 H L S
LOVINGTON - 3985'
35
ALAMOGORDO - 4320'
29 S
TRACY - 3080'
30 S
142
CARLSBAD
JOHN J SMALL
CARLSBAD - 3276'
65 H
241
CARLSBAD NO 1 - 3245'
67 H
61
CARLSBAD
311
322
TEX LINE - 2900'
26 S
EL PASO 87
NM 5
DA
191
GUADALUPE PASS
VOICE — (116.1 Mc)
N MEX.
TEX.
SALT FLAT
335
(116 I)
DELAWARE SPRINGS — 3965'
40 L S
HUECO MT.
GUADALUPE PASS
GREEN 5
EL PASO
242
257
79
259
81
HUDSPETH - 4649'
SALT FLAT - 3710'
40 L S
ANDERSON - 2620'
PECOS AAF
72 M
342
CULBERSON COUNTY - 3955'
60 M
KENT - 4260'
21 S
VAN HORN - 4040'
26 S
TEX.
MEXICO
EL PASO 87
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 8 BOUNDARIES.
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

BIG SPRING



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON AIRWAYS OR ROUTES ARE MINIMUM EN ROUTE ALTITUDES.

Ⓡ: EXTREMELY HAZARDOUS
Ⓘ: USABLE WITH CAUTION

SCALE OF MILES
30 0 10 20 30

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	293 (DHB)	BMRLZ	(3)(V, 7-23)
Hobbs AAF	272 (126.18)	CA; 168°, 2.8	(3);126.18 (7-23)
TEXAS			
BIG SPRING	326(BZ)(116.1)	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	278 (126.18) (118.5)	C; 70°, 3.9	(4); 126.18,122.5,118.5 (7-23)
LUBBOCK (AAF)	224 (DHH)	MRLWZ; 173°, 3.7	
MIDLAND	209 (DON)	MRLWZ;48°,3.8-AAF	
Midland No. 2	219 (126.18)	CA	(4); 140.58,126 18
PYOTE AAF	272 (126.18)	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	272	CA	(4) (8-22)
STANTON FM	(- - -)	FM, 240°,12	Big Spring.
WINK	260(WP)(116.1)	SBRAZ-VDT,353°,1.2	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct. Pole line N,W,NW.
TEXAS				
(P) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS
(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct. NATS
Brownfield	5 E; hwy N	3314	50 S2	80 oct.P-line N,NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct.Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto. Use strips.
Crane Co.(Crane)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.

H-Hard surfaced runways; R-radio facilities; L-lighting facilities. S-servicing. (see page X11) NC-(not charted). → NEW OR REVISED DATA.

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct. PRIVATE. Data unverified.
Lamesa	8 NNE;hwy S	3031	43h	Use rnwys only.
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct. Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	80 oct. Poleline NW, SW.
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct.Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	CLOSED
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct.No sto.Rnwy data unverified.
(A) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE;RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	80 oct.
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	Pole line N, S.
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Denver City (Tex.)	0.8 NW	3584	40 S1	80 oct.Data unver.
Hogg(Lamesa,Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan,(Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct.P-line N,S. SE. Use strips only.
Parker, (Texan,Tex.)	2.3 W; RR N	2700	32	Use strips only.
Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W.blocked Canyon E.
Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3):116.1,122.1
Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4); 118.7,126.18, 122.5(7-23).
CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(SV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°. 1.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — OKLAHOMA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct. Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct. Poleline W. Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwySW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct. Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct. Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1583	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct. Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct. Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) NC-(not charted). → NEW OR REVISED DATA.

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91 oct; 100 oct. Army
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	CLOSED
Anson	0.8 ENE,RR W	1650	21 S1	80 oct
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct. Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct. Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct. Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct. Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S6	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct. Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 91oct. ARMY TMP INACT. CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct. No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct. Pole line S.
NEW AIRPORTS				
Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips only
Victory (Clinton,Okla.)	2 S; hwy W.	1540	32 S2	80 oct.
Hunter's Flight Strip (Hobart) Okla.	0.5 SW;hwy adj	1530	22 S2	Fuel. Data Unver.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
HOBBS (Army)	**293 (DHB)**	**BMR** LZ	(3) (V, 7-23)
Hobbs AAF	**272 (126.18)**	**CA**: 168°, 2.8	(3);126.18 (7-23)
		TEXAS	
BIG SPRING	**326(BZ)(116.1)**	SBRAZ-VDT	(3); 116.1
Big Spring Arpt.	**278 (126.18) (118.5)**	C; 70°, 3.9	(4); 126.18,122.5,118.5 (7-23)
LUBBOCK (AAF)	**224 (DHH)**	MRLWZ; 173°, 3.7	
MIDLAND	**209 (DON)**	MRLWZ;48°,3.8-AAF	
Midland No. 2	**219 (126.18)**	CA	(4); 140.58,126 18
PYOTE AAF	**272 (126.18)**	CA	(3); 126.18
SOUTH PLAINS AAF (Lubbock)	**272**	CA	(4) (8-22)
STANTON FM	**(- - -)**	FM, 240°,12	Big Spring.
WINK	**260(WP)(116.1)**	SBRAZ-VDT,353°,1.2	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Continental (Jal)(NC)	0.7 W, hwy E	3100	20	
(A) HOBBS AAF (A)	8 NW,RR NE	3707	88h R2 L5 S4	100 oct.
HOBBS MUN.	5 W,hwy N	3658	50h L5	All lgts prior req.
(P) Me-Tex (Hobbs)	4.5 W,hwy N	3700	35 S6	80,87 oct. Pole line N,W,NW.
		TEXAS		
(P) Abernathy #1 (A)	5 ENE	3346	50h	TMP INACT. NO FACS
(N)(P) BIG SPRING	3.3 WSW;RR N	2595	62h R2 L5 S6	80,91,100 oct. NATS
Brownfield	5 E; hwy N	3314	50 S2	80 oct. P-line N,NE.
Buzz (Roaring Spgs)	2.3 NNE;hwy W	2600	26 S1	73 oct. Poleline S.
Commercial (Lubbock)	3.2 SE;bet hwys	3240	40 S6	73,80 oct. No sto. Use strips.
Crane Co. (Crane)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
Duggan (Littlefield)	1.2 S;RR NE	3550	37 S4	80,91 oct. Pwrline E, NE, SE.
Dyche (Fort Stockton)	9 SW;RR E	3010	26h	Allway area: 4000 x 4000'.
Ector County (Odessa)	5 NNW;hwy W	2900	50 S2	80 oct.
Eldorado	1 W;RR E	2400	32 S1	80 oct. Poles E. Livestock on fld.
Gibbs (Fort Stockton)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.

h-hard surfaced runways, R-radio facilities, L-lighting facilities. S-servicing. (see page X11) NC-(not charted). → NEW OR REVISED DATA.

TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Idalou	5.5 ENE	3189	54h	
Iraan (NC)	5 NW	2300	26	
Kermit	1.3 E;RR W	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona)	25 W;riv W	2474	24 S1	80 oct. **PRIVATE.** Data unverified.
Lamesa	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Commercial	1.8 WNW;hwy S	3000	21 S1	73 oct. Pole line SSE.
Levelland	2 S;hwy W	3550	25 S1	**80 oct. Poleline NW, SW.**
(A) Lubbock AAF (A)	9 W;RR S	3332	65h	TEMP INACT NO FACS
McCamey	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
(A) Midland AAF (A)	9.5 WSW;RR S	2867	65h	CLOSED
Midland Commercial	1.1 SSE;RR N	2800	28 S4	80 oct. No sto. Rnwy data unverified.
(A) Midland #2 (A)	3 NW; rd E	2805	64h R1 L5 S4	91, 100 oct. JP-1. No sto.
Monahans	1.2 SW;RR N	2643	32 S6	80,91 oct. P-line SSW
Ozona	4.9 WSW;hwy N	2474	52 S1	80 oct.
(A) Pyote AAF (A)	1 SW;RR N	2612	85h R1 L5 S6	91, 100 oct. No sto.
Rita Santa (NC)	0.5 S;RR N	2800	40	Obsts sur fld.
(A) SOUTH PLAINS AAF (Lubbock)	5.5 NNE; RR W	3256	65h R1 L5 S6	73, 91, 100 oct. JP-1
Spur	2.2 S;RR N	2363	28 S4	80, 91 oct.
Triangle (Brownfld)	1.8 SSW; RR NW	3200	20 S2	73 oct.
U & S Flying Service (Big Spring)	1.5 N;hwy S	2517	30 S6	**80 oct.**
★ West Brook Int,32, EO-FV	1.3 S;RR N	2188	34 L3	**Pole line N, S.**
Win (Ft. Stockton)	3.2 E;hwy N	2925	54 S6	80 oct.
Wink	3.6 WNW;rd SE	2824	70h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Denver City (Tex.)	0.8 NW	3584	40 S1	80 oct. Data unver.
Hogg (Lamesa, Tex.)	3 W; hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan, (Tex.)	0.5 SE; hwy W	2500	33 S2	80,91 oct. P-line N,S. SE. Use strips only.
Parker, (Texan, Tex.)	2.3 W; RR N	2700	32	Use strips only.
Post, (Tex.)	0.8 NE; RR W	2700	28	SSW,W. blocked Canyon E.
Rankin, (Tex.)	0.4 NE; RR S	2500	27	P-line S. Use strips only.
Rotan, (Tex.)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
Skyhaven, (Midland, Tex.)	1.4 NE; RR S	2800	41 S6	73,80,91 oct. P-line ENE,SE.

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ABILENE	379(AP)(116.1)	SBRAZ-VDT	(3):116.1,122.1
Abilene Air Term.	278 (118.7)	C; 180°, 2.2	(4); 118.7,126.18, 122.5(7-23)
CLARENDON	233(CP)	MRLW:190°.2	
HARPERSVILLE (Int.)	284(HV)(116.1)	MHVT	(4); 116.1
WICHITA FALLS (Sheppard/Kell Mun. Airport)	239(WF)(116.1)	SBMRAZ-VDT,305°. 1.7	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — OKLAHOMA

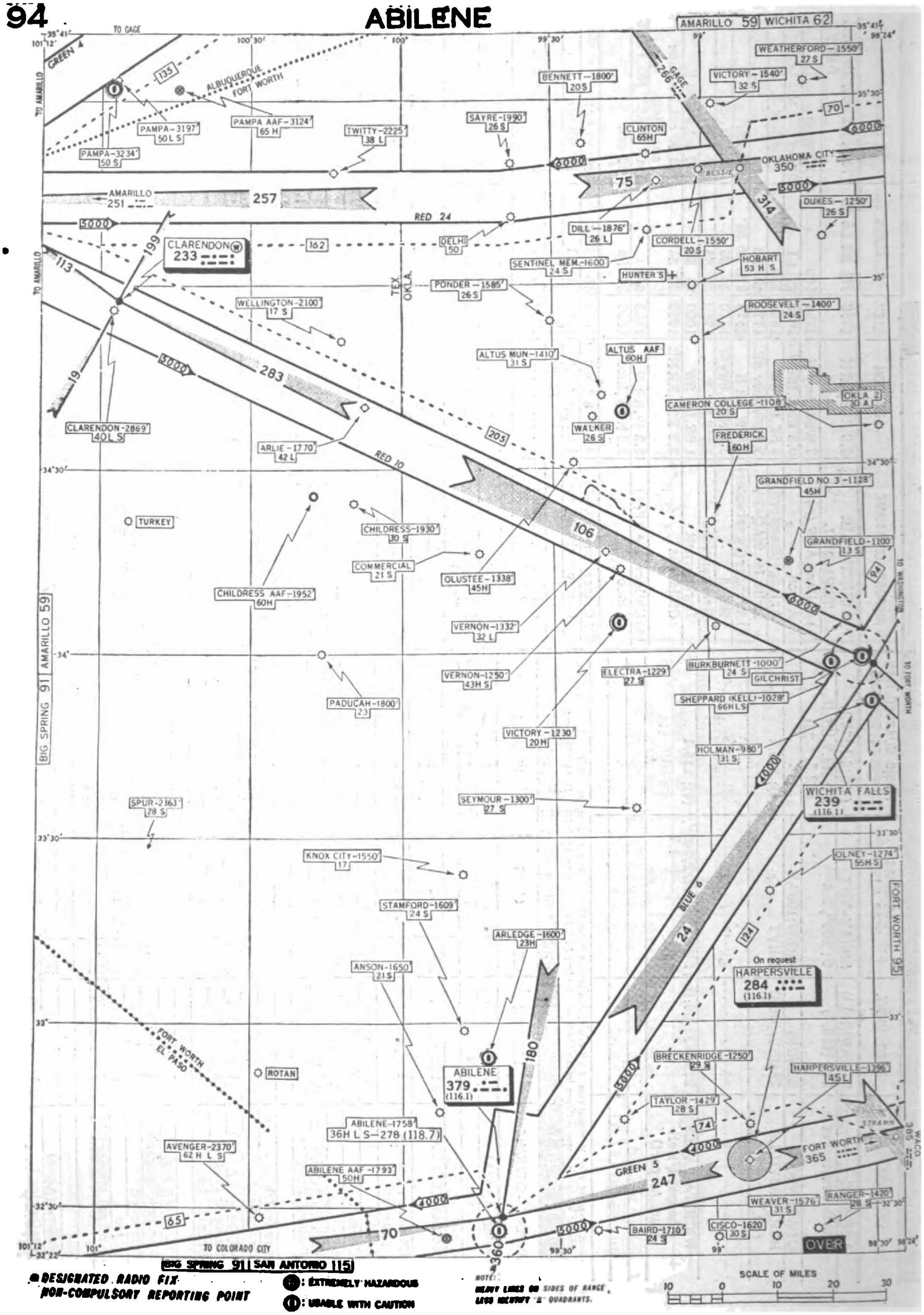
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Altus AAF(A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus, mun.	4.2 N,RR W	1410	31 S6	73,80 oct. Polelines W.
Bennett (Elk City)	2 SSE,RR NE	1800	20 S1	73 oct. Poleline W. Lgt acft only.
Cameron College (Lawton)	2.5 W,RR N	1108	20 S4	80 oct.
Clinton	17 SW,hwy E	1932	65h	
Cordell	1.3 NW,RR E	1550	20 S1	80 oct.
Delhi	2.5 ENE,hwy SW	1937	50	
★ Dill Int,14,AQ-LS	0.5 NW,hwy N	1876	26 L3	Poleline N, E.
Dukes(Carnegie)	1 NNW,riv S	1250	26 S1	80 oct. Poleline S.
(A) Frederick AAF(A)	3.5 SSE	1233	60h	CLOSED
Grandfield	1.2 SE,RR N	1100	13 S1	73 oct.
(A) Grandfield #3 (A)	3.1 W,RR NE	1128	45h	CLOSED
Haddock (Erick)	1.4 SW,RR N	2017	34 S1	80 oct. Poleline N,NW
(P) Hobart Mun.	3.8 SE,RR N	1563	53h S6	73 oct.
Olustee(Altus)	10 SE,riv E	1338	45h	
Ponder (Mangum)	1.6 N,hwy S	1585	26 S2	73, 80 oct.
Roosevelt	0.5 NW,rd N	1400	24 S1	80 oct. Pwr line N.
Sayre	2.3 N,hwy W	1990	26 S4	80 oct.
Sentinel Memorial	0.8 SSW,RR W	1600	24 S1	73 oct.
Walker (Altus)	1.6 W,RR E	1400	26 S4	80 oct. Poleline N.
Weatherford	2.7 ENE,RR S	1550	27 S2	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X I I) NC-(not charted). → NEW OR REVISED DATA.

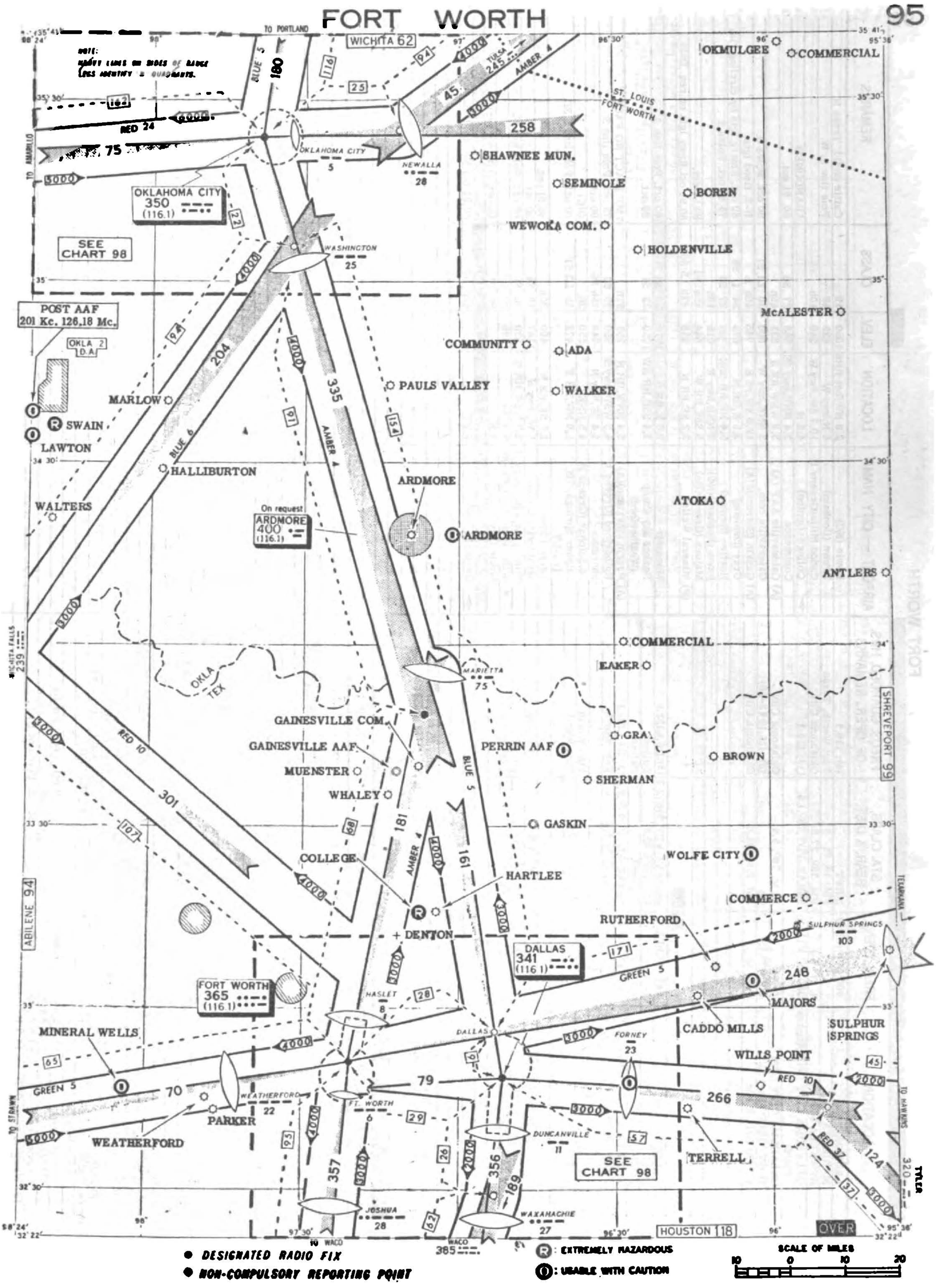
TEXAS

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ABILENE AIR TERMINAL	2.8 ESE,RR N	1758	36h R2 L5 S6	73,80,91 oct; 100 oct. Army
(A) Abilene AAF (A)	7 WSW,hwy N	1793	50h	CLOSED
Anson	0.8 ENE,RR W	1650	21 S1	80 oct
Arledge(Stamford)	5 SE,RR SW	1600	23h	Pole line S.
★ Arlie Int,9,AQ-FV	3.8 SW,hwy SE	1770	42 L3	
(P) Avenger(Sweetwater)	3.5 W,RR S	2370	62h L5 S1	80 oct.
Baird	3.1 NNE,hwy W	1710	24 S6	73, 80 oct.
Breckenridge	2.5 S,RR E	1250	29 S6	80 oct.
Burkburnett	1 SE,RR SW	1000	24 S2	80 oct. Poles E.
Childress	3.2 ESE,RR NE	1930	30 S4	73,80 oct. Poleline sur. field.
(A) Childress AAF(A)	5.2 W,RR N	1952	60h	TMP INACT NO FACS
Cisco	2.5 NNW,lake 2 N	1620	30 S6	80 oct.
(P) Clarendon 4,AQ-FV	3.8 W,RR NE	2869	40 L3 S6	80, 91 oct.
Commercial(Quanah)	1.8 S,hwy E,N	1568	21 S2	Ltd 80 oct.
Electra	3.6 WNW,RR S	1229	27 S2	80 oct.
Gilchrist (Wichita Falls)	7 WNW,RR S	1020	30 S1	80 oct. Pwrline S.
★ Harpersville Int,44, EO-FV	9.2 S of Breckenridge	1396	45 R1 L3	
Holman (Wichita Falls)	3.1 SSE,hwy W	980	31 L S6	80,91 oct. Poles SE, E, NE.
Knox City	0.8 SSE,RR W	1550	17	
(P) Olney	4 WSW,rd S,N	1274	55h L5 S6	80, 91 oct. Lgts prior req
Paducah	2.5 ESE,RR NW	1800	23	
Pampa	1 NNE,RR S	3234	50 S6	80,91 oct. Poleline S.
(A) Pampa AAF (A)	12.3 E	3124	65h	CLOSED
★ Pampa Int,4,AQ-KC	1.9 NE,RR S	3197	50 L3 S1	80, 91 oct.
Ranger	1.5 SSW,RR W	1420	28 S6	80 oct. Poleline NE.
Seymour	1.3 SE,riv SW	1300	27 S1	80 oct.
(A) SHEPPARD/KELL MUN.(Wichita Falls)	5.8 N,hwy W	1028	66h R1 L5 S6	80, 81oct. ARMY TMP INACT.CIVIL FACS
Spur	2.2 S,RR N	2363	28 S4	80, 91 oct.
Stamford	2.5 N,hwy E	1609	24 S2	80 oct.
Taylor (Albany)	1 N,RR SW	1429	28 S2	80 oct.
★ Twitty Int,8A,AQ-LS	1 SE,hwy W	2225	38 L3	
Vernon	5 N,hwy E	1250	43h S6	73, 80 oct. No sto.
★ Vernon Int,15,AQ-FV	8.8 NNW,hwy E	1332	32 L3	
Victory (Vernon)	5.9 SSW,hwy E	1230	20h S2	No fuel.
Weaver (Eastland)	1 NE,RR S	1576	31 S6	80 oct.
Wellington	1 SE,hwy W	2100	17 S1	80 oct. Pole line S.
NEW AIRPORTS				
Turkey (Tex.)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Seminole, (Tex.)	1.3 E;lake SE	3312	34 S6	80 oct. P-line S. Use strips only
Victory (Clinton,Okla.)	2 S; hwy W.	1540	32 S2	80 oct.
Hunter's Flight Strip (Hobart) Okla.	0.5 SW;hwy adj	1530	22 S2	Fuel. Data Unver.

ABILENE


AMARILLO 59 WICHITA 62
TO GAGE
GREEN 4
135
ALBUQUERQUE
FORT WORTH
PAMPA-3197' 50 L S
PAMPA AAF-3124' 65 H
PAMPA-3234' 50 S
TWITTY-2225' 38 L
SAYRE-1990' 26 S
BENNETT-1800' 20 S
266
GAGE
WEATHERFORD-1550' 27 S
VICTORY-1540' 32 S
CLINTON 65H
70
6000
OKLAHOMA CITY 350
BESSIE
75
314
AMARILLO 251
257
RED 24
5000
DUKES-1250' 26 S
DRL-1876' 26 L
CORDELL-1550' 20 S
CLARENDON 233
162
DELHI 50
199
113
SENTINEL MEM.-1600' 24 S
HUNTER'S
HOBART 53 H S
TEX.
OKLA.
PONDER-1585' 26 S
WELLINGTON-2100' 17 S
ROOSEVELT-1400' 24 S
ALTUS MUN-1410' 31 S
ALTUS AAF 60H
CAMERON COLLEGE-1108' 20 S
OKLA 2 30 A
WALKER 26 S
FREDERICK 60H
CLARENDON-2869' 40 L S
ARLIE-1770' 42 L
283
205
RED 10
106
GRANDFIELD NO. 3-1128' 45H
GRANDFIELD-1100' 13 S
94
TURKEY
CHILDRESS-1930' 30 S
COMMERCIAL 21 S
OLUSTEE-1338' 45H
CHILDRESS AAF-1952' 60H
VERNON-1332' 32 L
VERNON-1250' 43H S
ELECTRA-1229' 27 S
BURKBURNETT-1000' 24 S
GILCHRIST
SHEPPARD (KELL)-1028' 66H L S
PADUCAH-1800' 23
VICTORY-1230' 20H
HOLMAN-980' 31 S
BIG SPRING 91 AMARILLO 59
TO WASHINGTON
TO FORT WORTH
SPUR-2363' 28 S
SEYMOUR-1300' 27 S
WICHITA FALLS 239 (116.1)
OLNEY-1274' 55H S
KNOX CITY-1550' 17
STAMFORD-1609' 24 S
ARLEDGE-1600' 23H
ANSON-1650' 21 S
BLUE 6
24
124
On request
HARPERSVILLE 284 (116.1)
FORT WORTH 95
FORT WORTH EL PASO
ROTAN
ABILENE 379 (116.1)
180
BRECKENRIDGE-1250' 29 S
HARPERSVILLE-1396' 45L
TAYLOR-1429' 28 S
74
ABILENE-1758' 36H L S-278 (118.7)
AVENGER-2370' 62 H L S
ABILENE AAF-1793' 50H
STRAWN
385
WACO
FORT WORTH 365
GREEN 5
247
4000
5000
WEAVER-1576' 31 S
RANGER-1420' 28 S
65
70
360
BAIRD-1710' 24 S
CISCO-1620' 30 S
OVER
TO COLORADO CITY
BIG SPRING 91 SAN ANTONIO 115
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS RECEIVE "E" QUADRANTS.
SCALE OF MILES
10 0 10 20 30

FORT WORTH


TO PORTLAND
WICHITA 62
BLUE 5
180
116
94
25
4000
TULSA 245
AMBER 4
45
ST. LOUIS FORT WORTH
OKMULGEE
COMMERCIAL
35° 41'
95° 38'
96° 30'
96°
35° 30'
162
RED 24
3000
75
TO AMARILLO
OKLAHOMA CITY
5
NEWALLA
28
258
SHAWNEE MUN.
SEMINOLE
BOREN
WEWOKA COM.
HOLDENVILLE
OKLAHOMA CITY
350
(116.1)
22
SEE CHART 98
WASHINGTON
25
35°
POST AAF
201 Kc. 126.18 Mc.
OKLA 2 D A
94
204
4000
335
McALESTER
COMMUNITY
ADA
PAULS VALLEY
WALKER
MARLOW
SWAIN
LAWTON
91
154
AMBER 4
BLUE 6
34° 30'
HALLIBURTON
ARDMORE
ATOKA
On request
ARDMORE
400
(116.1)
WALTERS
ARDMORE
ANTLERS
3000
WICHITA FALLS
239
OKLA TEX
COMMERCIAL
EAKER
MARIETTA
75
SHREVEPORT 99
GAINESVILLE COM
GAINESVILLE AAF
MUENSTER
WHALEY
PERRIN AAF
GRA
BROWN
SHERMAN
RED 10
301
107
68
181
AMBER 4
BLUE 5
161
33° 30'
GASKIN
WOLFE CITY
COLLEGE
HARTLEE
COMMERCE
TEXARKANA
ABILENE 94
RUTHERFORD
SULPHUR SPRINGS
2000
103
DENTON
DALLAS
341
(116.1)
171
GREEN 5
248
MAJORS
FORT WORTH
365
(116.1)
HASLET
28
8
DALLAS
6
FORNEY
23
CADDO MILLS
SULPHUR SPRINGS
WILLS POINT
MINERAL WELLS
65
4000
79
266
45
RED 10
GREEN 5
70
WEATHERFORD
22
PARKER
WEATHERFORD
FT. WORTH
29
93
357
26
356
189
DUNCANVILLE
57
11
SEE CHART 98
TERRELL
RED 37
124
37
320
TYLER
TO STAMFORD
TO HAWKINS
JOSHUA
28
62
WAXAHACHIE
27
385
WACO
TO WACO
97° 30'
96° 30'
HOUSTON 118
98° 24'
32° 22'
OVER
● DESIGNATED RADIO FIX
● NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
OKLAHOMA			
ARDMORE	400 (AT)(116.1)	MHVT	(4); 116.1
MARIETTA FM	(. . -)	FM, 1°, 75	Fort Worth, Texas
NEWALLA FM	(. . - -)	FM, 78°, 27.5	Oklahoma City
OKLAHOMA CITY (Will Rogers Field)	350 (OL)(116.1)	SBRAZ-VDT,78°,1.6	(3); 116.1
OKLAHOMA CITY LFM	(- -)	LFM, 78°, 5.4	Oklahoma City
POST FIELD (Fort Sill)	201 (126.18)	CA	(3); 126.18 (8-18)
WASHINGTON FM	(- - -)	FM, 155°, 24.6	Oklahoma City
TEXAS			
DALLAS (Love)	341 (DL)(116.1)	SBMRAZ-VDT,356?2.2	(3);116.1,122.1
DUNCANVILLE FM	(- -)	FM, 176°, 10.5	Dallas
FORNEY FM	(-)	FM, 86°, 23	Dallas
FORT WORTH (Meacham Fld)	365 (FV)(116.1)	SBRAZ-VDTX,177°,2.4	(3);116.1,122.1
FORT WORTH-LFM	(- - -)	LFM, 177°, 6.2	Fort Worth
HASLET FM	(-)	FM, 1°, 8.1	Fort Worth
JOSHUA FM	(. . - - -)	FM, 177°, 27.7	Fort Worth
SULPHUR SPRINGS FM	(- -)	FM, 68°, 103	Fort Worth
WAXAHACHIE FM	(. . - -)	FM, 176°, 27	Dallas
WEATHERFORD FM	(- - - -)	FM, 250°, 22	Fort Worth

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OKLAHOMA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Ada	2 N, RR SW	1008	50h	
Antlers	2.8 S,RR E	640	23 S2	80 oct.
Ardmore	11.2 NNE,riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10, FV-WD	9.2 N,hwy E	875	40h R1 L3 S6	80, 91 oct. Poles E.
Atoka	1.8 NW,RR S	540	22 S2	73 oct. Pole line S.
Boren (Wetumka)	1.5 NW,hwy S	780	20	
Commercial (Durant)	5.2 W,RR N	710	19 S2	73 oct. Rnwy data unverified.
Commercial (Okmulgee)	3.4 E,RR N	682	25 S2	Ltd 73 oct. Poles SW.
Community (Ada)	6.8 WNW,RR NE	1000	18 S6	80 oct.
(P) Eaker (Durant)	3.2 SSW,RR NW	703	52h L5 S1	80, 91 oct. All lgts prior req.
Halliburton (Duncan)	1 S, RR E	1125	25 L S4	80,88 oct. Range lgts.
Holdenville	1.2 WNW,RR NE	864	20 S2	73 oct. Pole line N.
Lawton	1.5 S,RR E	1145	26 L2 S4	73 oct.Fld lgts prior req. Poles NW.
Marlow	1.6 N,RR E	1150	15	Pole line S.
McAlester	2 SSE,RR W	750	25 S6	80 oct.
(P) Okmulgee	3 NNE,hwy W	715	43h L5 S6	73,80 oct. Ctc lgts prior request.
(P) Pauls Valley	2.1 S,RR E	967	35h L1 S1	80 oct.
→ (A) Post (Ft.Sill) (A)	3 N	1170	50h R1 L5 S4	Ltd. 100 oct.
Seminole	3.4 NNW,hwy E	1012	35 S2	80 oct. Trees W, NW.
(P) Shawnee	2 NW,RR E	1080	42h L5 S2	80, 91 oct. Fld lgts prior req.
→ (A) Swain (Lawton)(A)	3.5 E,hwy N			ABANDONED
Tishomingo (NC)	7.5 N	890	29	
Walker (Ada)	5.4 S,hwy W	860	32 S6	73, 80 oct. Trees sur fld.
Walters	1.2 SW,RR E	1005	26 S4	80 oct.
Wewoka, com.	1.8 W,lake N	905	23 S6	80 oct. Pole line NNE.
(P) Wewoka, mun. (NC)	4.7 NE,hwy N	790	30	

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bowie (NC)	2.8 NW,bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham)	8 N,hwy W	625	48	Pole line S, W.
Caddo Mills(Greenv'l)	10.7 SW,hwy W	540	40h	
→ College (Denton)	4.2 N			ABANDONED
Commerce	3.4 NNE,hwy SE	548	27 S6	80, 91 oct.
(A) Gainesville AAF (A)	3.8 WNW,RR S	833	45h	
Gainesville com.	3 NNE,hwy W	800	30 L1 S1	80 oct. Poles S.
(A) Gaskin (Sherman)(A)	12.6 SW,rd E	745	40h L	B-2, flood lgts.
Gray (Denison)	2.5 E,RR N	675	24 L S6	80 oct. Emerg.lgts by circling fld.
Hartlee (Denton)	5.4 NE,RR SSE	588	27 S6	73,80 oct. Poles S.
Jones (Bonham)(NC)	2 NNE,hwy E	616	18h	
Majors (Greenville)	5 SSE,RR W	544	55h S4	80,91 oct.
(P) Mineral Wells	3.2 SE,RR N	938	42h L5 S6	80,91 oct.Rnwy lgts on req. Data unver-
Muenster	2.6 E,RR S	1010	26 S1	80 oct. Pole line S.
Parker Sky Camp (Weatherford)	3.4 SSE,RR NW	1050	23 S4	80 oct.
(A) Perrin (Sherman)(A)	6.4 NNW,RR N	753	51h	TMP INACT NO FACS
Rutherford (Greenv'l)	4.5 WSW,hwy SE	550	23 S3	73 oct. Pole line S.
Sherman	1.4 SE,hwy N	749	25h S6	80 oct.
So.Sulphur (Greenv'l)	9.5 NNE	550	30	(NC)
Sulphur Springs, 7B, DL-LV	1.9 NW,RR S	472	35 L3 S1	80 oct. Pole line S,SE.
Terrell Mun.	1.5 SE,RR W	490	30h	80,91 oct.
Weatherford, mun.	1 W, hwy N	1147	16 S4	80 oct.
Whaley Arpk(Gainesv'l)	5.7 WSW,RR N	820	20 S2	80 oct. Pole line N.
* Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	
Wolfe City	2 N		20 S1	80 oct. Data not verified.
NEW AIRPORTS				
→ Denton, (Tex.)	4 WSW		42h S6	80,91 oct.No sto. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XII) (NC)-Not charted. → NEW OR REVISED DATA

OKLAHOMA CITY–DALLAS–FORT WORTH

RADIO

OKLAHOMA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS,	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEWALLA FM	(. . - -)	78°, 27.5	FM	Oklahoma City
OKLAHOMA CITY Range (Will Rogers)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1
OKLA. CITY LFM	(- -)	78°, 5.4	LFM	Oklahoma City
TINKER Army Range	221 (DTE)	170°, 5.3	BMRAZ	4495
Tinker Tower	396 (126.18)+		CA	(3); 126.18
WASHINGTON FM	(- - -)	155°, 24.6	FM	Oklahoma City
WILL ROGERS Tower	272 (118.7)		C(ILS)	(4); 118.7, 126.18, 122.5

TEXAS

DALLAS Rng (Love)	341(DL)(116.1)	356°, 2.2	SBMRAZ-DTV	(3); 116.1, 122.1
DUNCANVILLE K fac.	404 (D)	176°, 10.5	FMK	Dallas
DUNCANVILLE FM	(- -)	176°, 10.5	FM	Dallas
FORNEY FM	(-)	86°, 23	FM	Dallas
FT. WORTH Range (Meacham)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Fort Worth AAF Twr	201 (126.18)+		CA	(3); 126.18
FT. WORTH LFM	(- - -)	177°, 6.2	LFM	Fort Worth
GRAUWYLER PARK K Fac.	311 (L)	356°, 0.8	K	Dallas
HASLET FM	(-)	1°, 8.1	FM	Fort Worth
HASLET K Fac.	371 (F)	1°, 8.1	FMK	Fort Worth
HENSLEY Tower	396 (126.18)		CA	(4); 126.18
JOSHUA FM	(. . - - -)	177°, 27.7	FM	Fort Worth
LOVE Tower	278(126.18, 118.9)		AC (ILS)	(4); 118.9, 122.5, 126.18
MEACHAM Tower	272 (126.18, 118.7)		AC (ILS)	(4); 126.18, 118.7, 122.5
WAXAHACHIE FM	(. . - -)	176°, 27.0	FM	Dallas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126° Mag.	IM-	MM- •-•-(0.7)	OM- --(4.35)
					MMK-	OMK-
MEACHAM	109.9	333.8	172° Mag.	IM-	MM- •-•-(0.71)	OM- --(4.10)
					MMK-356°•••(0.71)	OMK-
WILL ROGERS	109.9	333.8	350° Mag.	IM-	MM- •-•-(0.66)	OM- --(4.6)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anadarko	1.5 SW; RR E	1260	20 S1	80 oct.
Bomhoff (Calumet)	4.1 SSE; hwy S	1448	25 S4	73,80,91 oct.
Caddo Fly. Svc. (Ft. Cobb)	6 SE; hwy S	1250	16 S2	80 oct.
(P)Chickasha	4 NNW; riv S	1140	37 L S6	80,91 oct. Flood, obst lgts.
Cimarron (Yukon)	4 WSW; hwy N	1350	20h	
(P)El Reno	1.5 SW; RR N	1400	26 L S6	80 oct. Port rnwy lgts.
Geary	1.4 E; RR N	1300	21 S2	73 oct.
Garthoeffner Co. Club (Oklahoma City)	7.3 S; hwy E	1250	19h S6	80 oct.
Kingfish (Hinton)	3 N; hwy N		19 S1	80 oct. Data unver.
Lake View (Yukon)(NC)	2.7 E; RR N	1275	24	PRIVATE. Poles N, S.
Max Westheimer	2.7 NW; RR E	1178	50h S2	80, 91 oct. (Norman)
(P)Mustang (El Reno)	5.3 SSW	1400	52	
Nuckols (Okla. City)	7.2 SSW; hwy W	1265	30 S6	80 oct. Poles N, W, SW.

OKLAHOMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Purcell-Lexington (Lexington)	0.8 WSW; riv W	1100	24 S2	80 oct. Trees S, SSW, SSE.
(A) Tinker (Okla. City)(A	8.5 SE; RR NE	1269	78h R2 L5 S6	73,100 oct. JP-1.
Tulakes (Okla. City)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
Wheatley Arpk. (Moore)	0.6 NE; hwy W	1273	24 S6	73 oct.
Wiley Post (Okla. City)	7.9 NNW; hwy E	1216	30 S6	80,91 oct. Trees S.
WILL ROGERS (Okla. City)	7.5 SW; hwy E	1283	57h R3 L6 S6	80,91,100 oct.

TEXAS

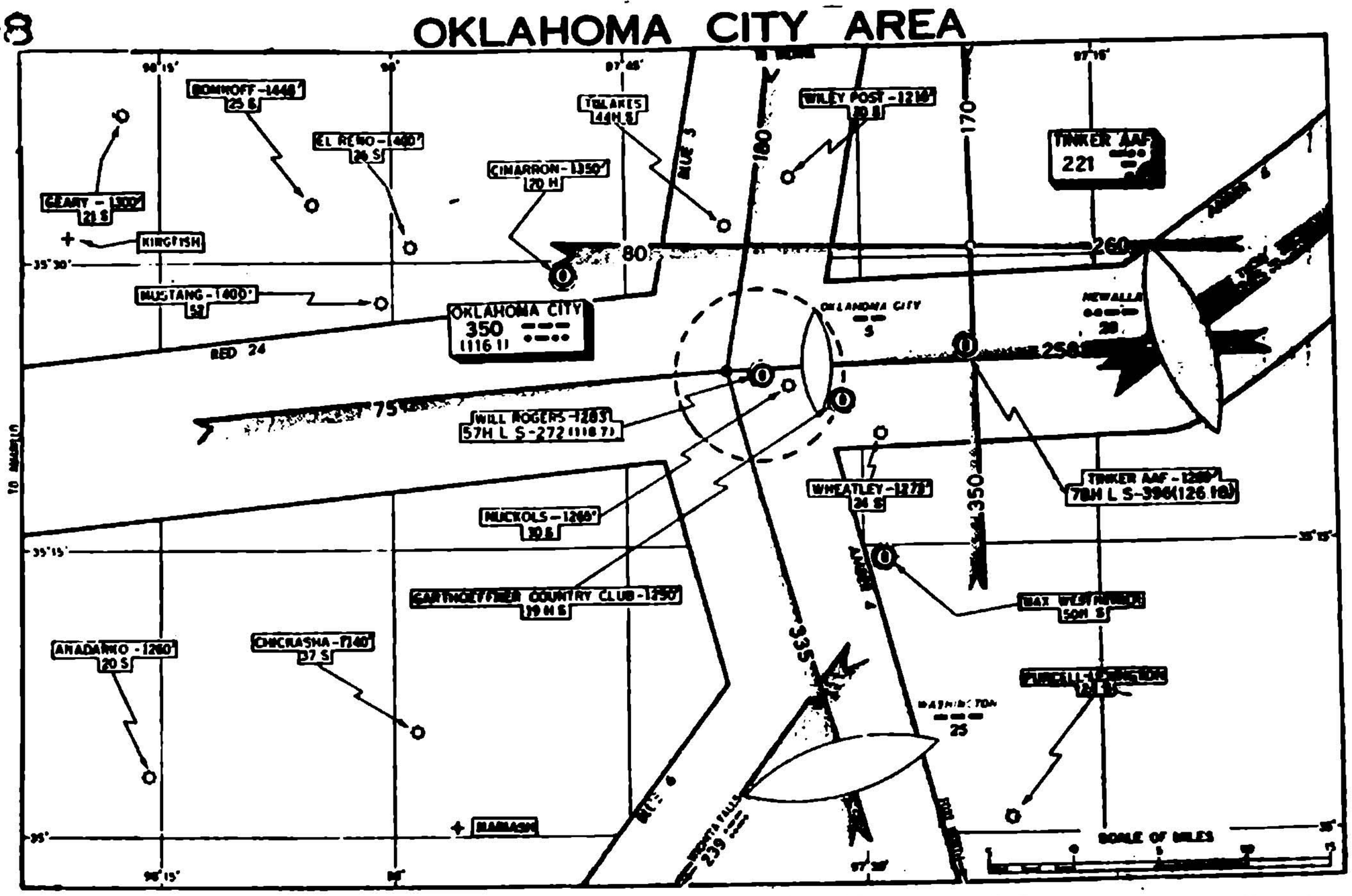
Arlington-Midway	6.8 NNE; RR S	567	41h L5	Poles S.
(N)Arlington OLF (N)	4 SSW; rd W	695	13h	
Clearview (Dallas)	5.1 SSW; RR N	619	30h S6	80,91 oct.
Cleburne Northwest	1.7 NW; RR NE	780	19 S1	Ltd 80 oct.
(N)Eagle Mtn. Lake MCAS	1 SSE; RR NE	745	60h	INACTIVE. (Newark)(N)
(P)Ellis Co. (Waxahachie)	3.5 NE; RR S	585	31 S2	73 oct. Pole line S.
Fliers (Dallas)	6.2 WSW; RR W	580	17 S4	80 oct. No sto. Trees S.
(A)Ft. Worth AAF (A)	6.8 WNW; lake N	636	73h R1 L5 S6	73,91,100 oct. JP-1,
(N)Grand Prairie OLF(N)	1 WSW; RR N	529	30h L5 S4	73 oct. No bcn. (N)
Handley	0.6 NE; RR S	630	26 S6	73 oct.
(A,N) Hensley (Dallas)	11 WSW; hwy N	495	52h R1 L5 S4	73,91,100 oct. (A)(N)
Hicks (Fort Worth)	12.5 NNW; 1k W	820	27	
Highland Park (Dallas)	9 N; RR E	622	27h L S6	80,91 oct. P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas)	9.6 NE; RR SE	614	17h S6	80,91 oct. P-line W.
Lou Foote (Dallas)	8.8 S; hwy E	665	35 S6	73,80,91 oct. Bldgs N, NE.
(P)LOVE (Dallas)	5 NNW; RR SW	483	52h R3 L6 S6	73-100 oct. Poles S.
Luscombe (Garland)	2.2 WSW; RR N	610	50 S5	80 oct. No sto.
McKinney	2.1 S; hwy W	616	23 S2	80 oct. Poles E, W.
(N,P) MEACHAM (Fort Worth)	5.5 NNW; hwy NE	692	42h R3 L6 S6	73,80,91,100 oct. NATS. (Hospital flights)
Midwest (Ft. Worth)	5.3 ESE; RR NE	650	21 L S4	80,91 oct. Port rnwy lgts. P-line W, S.
Mustang (Dallas)	6 NNE; hwy NE	604	32 S6	80,91 oct.
Russell (Ft. Worth)	7 SSE; RRs E, W	680	31 S6	80,91 oct.
Saginaw	0.5 WNW; RR E	790	26 S6	80,91 oct.
Second Ave. (Dallas)	7 SE; RR N	530	26 S1	73,80 oct. Use strips. Poles S
Skyline (Dallas)	3.2 SSE; riv E	430	26 S6	80,91 oct. Trees NW.
Sky Ranch (Arlington)	3 SW; RR N	590	25 S2	80 oct.
T.C.U. (Ft. Worth)	6.6 SW; RR S	710	24 S6	80,91 oct.
Wallace (Terrell)	2 W; RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman)	4 W; hwy N	490	13	
Waxahachie	1.5 SSW; hwys E	558	16 S1	73 oct.
White Rock (Dallas)	6.7 ENE; RR NW	543	29 L S6	91 oct. Port rnwy lgts.

NEW AIRPORTS

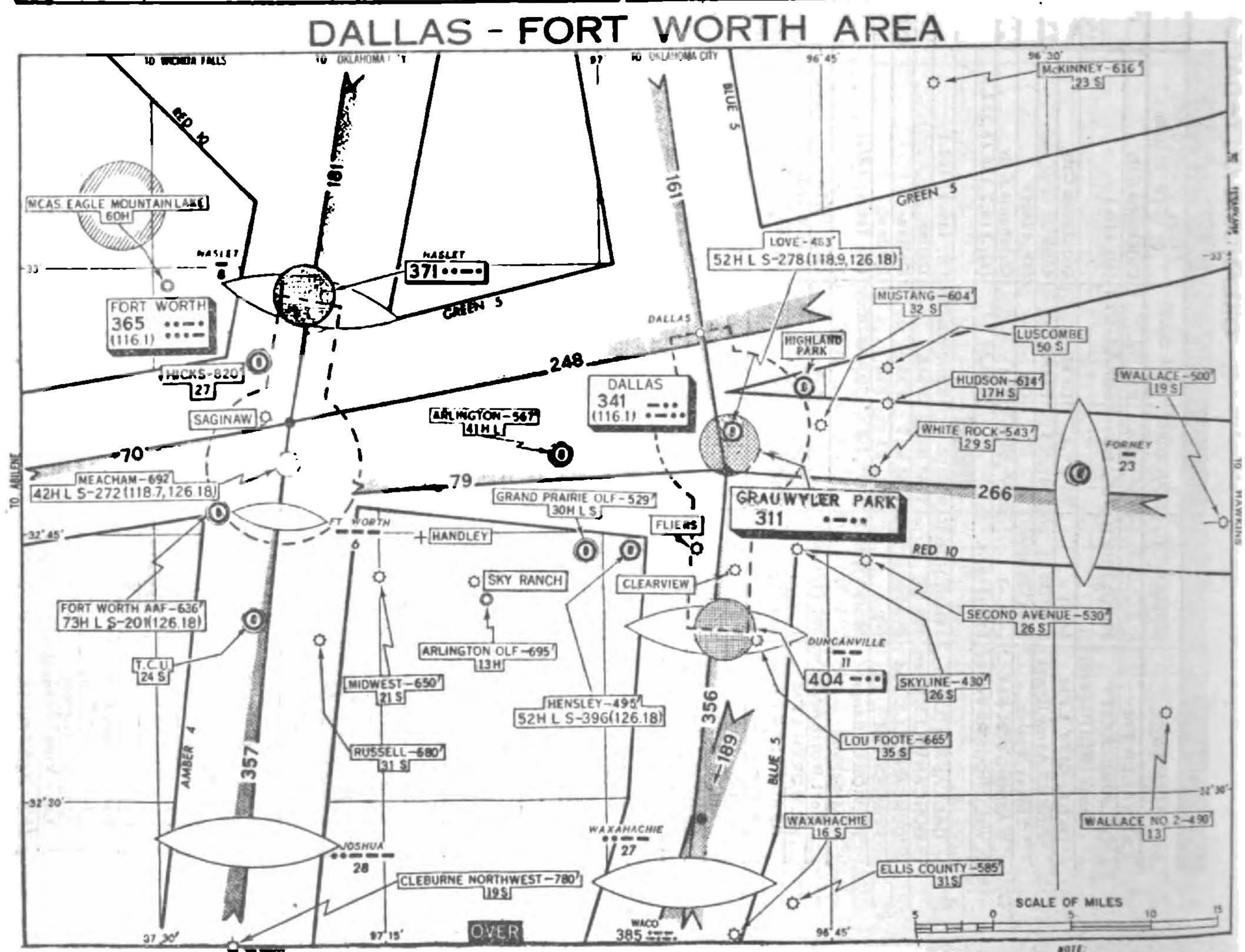
Mariash (Chickasha, Okla.)	2 SSE; RR E	1275	30 S1	80 oct. Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XII) NC-(not charted). ➔ NEW OR REVISED DATA

OKLAHOMA CITY AREA



DALLAS - FORT WORTH AREA



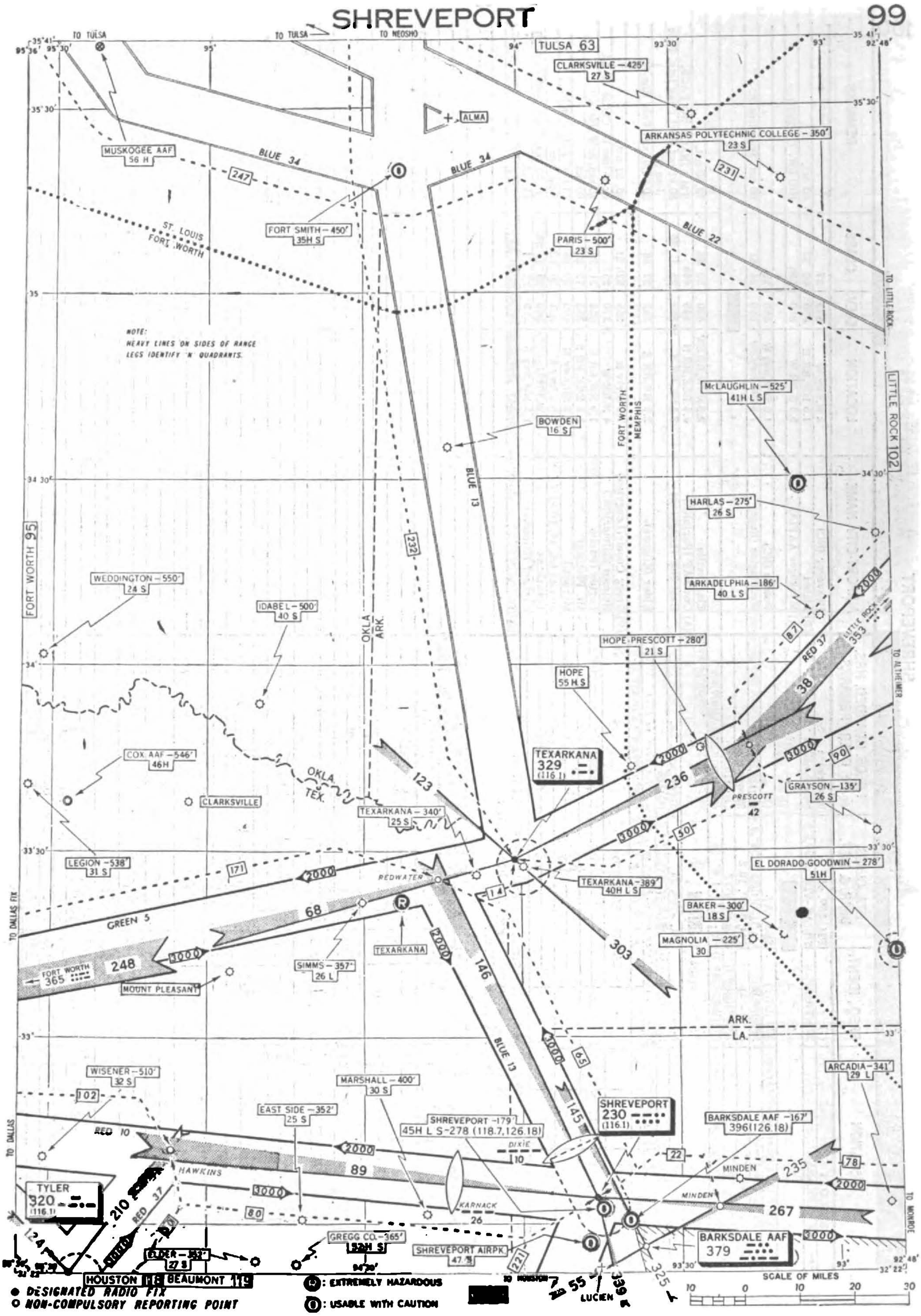
●DESIGNATED RADIO FIX
○NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓛ: USABLE WITH CAUTION

NOTE:

SHREVEPORT


TO TULSA
TO TULSA
TO NEOSHO
TULSA 63
CLARKSVILLE – 425'
27 S
ALMA
ARKANSAS POLYTECHNIC COLLEGE – 350'
23 S
MUSKOGEE AAF
56 H
BLUE 34
247
231
FORT SMITH – 450'
35H S
ST. LOUIS
FORT WORTH
PARIS – 500'
23 S
BLUE 22
TO LITTLE ROCK
NOTE:
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY 'N' QUADRANTS.
LITTLE ROCK 102
McLAUGHLIN – 525'
41H L S
BOWDEN
16 S
FORT WORTH
MEMPHIS
BLUE 13
HARLAS – 275'
26 S
FORT WORTH 95
WEDDINGTON – 550'
24 S
IDABEL – 500'
40 S
OKLA.
ARK.
232
ARKADELPHIA – 186'
40 L S
HOPE-PRESCOTT – 280'
21 S
HOPE
55 H S
LITTLE ROCK
353
RED 37
TO ALTHEIMER
COX AAF – 546'
46H
CLARKSVILLE
OKLA.
TEX.
123
TEXARKANA – 340'
25 S
TEXARKANA
329
(116.1)
GRAYSON – 135'
26 S
PRESCOTT
42
LEGION – 538'
31 S
171
REDWATER
TEXARKANA – 389'
40H L S
EL DORADO-GOODWIN – 278'
51H
TO DALLAS FTX
GREEN 5
68
BAKER – 300'
18 S
FORT WORTH
365
248
SIMMS – 357'
26 L
TEXARKANA
MAGNOLIA – 225'
30
303
MOUNT PLEASANT
ARK.
LA.
WISENER – 510'
32 S
MARSHALL – 400'
30 S
ARCADIA – 341'
29 L
EAST SIDE – 352'
25 S
SHREVEPORT – 179'
45H L S-278 (118.7,126.18)
SHREVEPORT
230
(116.1)
BARKSDALE AAF – 167'
396(126.18)
TO DALLAS
RED 10
HAWKINS
89
DIXIE
MINDEN
235
267
TYLER
320
(116.1)
210
RED 37
KARNACK
GREGG CO. – 365'
32H S
BARKSDALE AAF
379
SHREVEPORT AIRPK
47 S
TO MONROE
HOUSTON 118
BEAUMONT 119
SCALE OF MILES
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARKANSAS			
PRESCOTT FM	(-)	FM, 56°, 42	Texarkana
→ TEXARKANA	329(TR)(116.1)	SBRAZ-VDT,123°,2.2	(4);116.1,122.1
LOUISIANA			
BARKSDALE(Shreveport)(Army)	379 (DBY)	SBMRAZ	(3)
→ Barksdale Field	396(126.18)+	CA(ILS)(GCA);325°,4.4	(3);126.18
DIXIE FM	(- - - -)	FM, 326°, 10.2	Shreveport
SHREVEPORT	230(ZH)(116.1)	SBRAZ-VDT	(3); 116.1
Shreveport Airport	278(126.18,118.7)	AC; 146°, 1.8	(4); 126.18,122.5,118.7,
TEXAS			
KARNACK FM	(- - -)	FM, 269°, 26	Shreveport, La.
TYLER (Pounds)	320 (TQ)(116.1)	BMRLZ-VDT;120°,.6	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BARKSDALE(A)				DECOMMISSIONED		
→ BARKSDALE(A)	109.9 (W)	333.8	143°Mag.	IM- (0.01)	MM- .....(1.00)	OM- -- (4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 149.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ARKANSAS				
Alma	1.5 SE		22 S2	80 oct. Data unver.
Arkadelphia,24,DL-LV	1.5 ENE,RR N	186	40 L3 S6	80 oct.Pole line N, NW.
Arkansas Polytechnic (Russellville)	1.3 N,hwy W	350	23 S6	80 oct. Pole line SE.
Baker (Magnolia)	4.3 E,hwy S	300	18 S6	80, 91 oct.Pole line SW.
Bowden (Mena)	1 E,RR NW	1177	16 S1	73 oct.
Clarksville	2.5 E,hwy S	425	27 S1	80 oct.Pole line WSW.
(P) EL DORADO-GOODWIN (El Dorado)	8.6 W,hwy S	278	51h	
(P) FORT SMITH	4 SSE,RR S	450	35h L3 S6	80,91 oct. 150' stacks W.
Grayson (Camden)	3.4 SW,RR S	135	26 S6	80,91 oct. No sto.
Greig (Van Buren) (NC)	4.1 E,RR 1.5 N	450	13	
Harlas (Malvern)	2.1 WSW,RR SE	275	26 S1	73 oct. Power line NE.
Hope	5 NNW,RR E	359	55h L3 S6	80,91 oct.Lgts prior req.Use rnwy
Hope Prescott (Prescott)	3 SW,RR E	280	21 S6	80 oct.
(P) McLaughlin (Hot Springs)	3 SW,RR N	525	41h L5 S6	80 oct.Bldg,twr N.All lgts prior req.
Magnolia	1.6 WSW,RR E	225	30	10' bldg SSW.
Norman (Ola)(NC)	1.8 NNE,hwy E	348	28	Pole line E.
Paris	1.8 NE,RR 1 S	500	23 S1	73 oct.Pole lines W,E,SW.
→ TEXARKANA	4 NE,RR W	389	40h R1 L5 S6	80,91,100 oct;100 oct Army.
LOUISIANA				
* Arcadia Int,26,FV-AG	4.5 E,RR S	341	29 L3 S2	No fuel. Pole line SW.
(A) Barksdale (Shreveport)(A)	5.8 E,riv W	167	100h R3 L5 S4	73,91,100 oct. JP-1.
Cross Lake (Shreveport)	7 WNW,RR NE	210	40	CAUTION. Data unver.
Lucien (Shreveport)	7 S	205	31 S4	80 oct.Data unver.
Minden	1.5 W,RR S	200	26 S4	80 oct.Trees sur fld.
→ Northeast Aviation (Bastrop)	See Bastrop under "New Airports"-name changed. -Page 101.			
(P) SHREVEPORT	2.5 NNE,riv E	179	45h R2 L5 S6	73,80 oct.
Shreveport Airpark	4.5 SSW,bet RRs	200	47 S6	80,91 oct.Pole line SE.
OKLAHOMA				
Heavener (NC)	2 N,hwy W	575	27	
(P) Idabel	1.3 NW,RR E	500	40 S2	80 oct.
(A) Muskogee AAF(A)	5.5 S,RR W	610	56h	Hill SW. CLOSED
Poteau (NC)	1.5 SSW,hwy W	460	15	
Weddington (Hugo)	1.9 NW,hwy SW	550	24 S1	80 oct. Pole line E.
[redacted]				
Clarksville	2.8 NNW,RR SW	480	20 S6	73,80 oct.
(A) Cox AAF (Paris)(A)	6.5 ESE,RR N	546	46h	TMP INACT NO FACS.
East Side (Longview)	2.4 NE,RR S	352	25 L S6	80,91 oct.Port rnwy lgts. Pole line S.
Elder (Kilgore)	2.5 NE,RR E	352	27 S6	80,87,91 oct.Pole line W.
(P) Gregg County(Longview)	7.2 S,riv N	365	52h S1	80, 91 oct.
Holmes (Gilmer)(NC)	4 N,RR W	370	23	Pole line W. Cattle on fld.
Legion (Paris)	1.9 NW,RR E	538	31 S6	80 oct.Pole line E.
Mt. Pleasant	2.8 ENE,RR S	393	20 S1	80 oct.
Marshall	3.9 SE,hwy N	400	30 S6	73 oct. Pole line N.
* Simms Int, 14, DL-LV	1 NE,hwy E	357	26 L3	Pole line E, S.
Texarkana	6 W,RR N	340	25 L S6	80, 91 oct.Flare pots in emerg.
Wisener (Mineola)	1.5 NW,hwy S	510	32 S2	73 oct.
NEW AIRPORTS				

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC (not charted). → New or revised data

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ADAMS FIELD (Little Rock)	278 (126.18,118.5)	C	(4); 126.18,118.5,122.5 (7-23)
BRUNS FM	(- - - -)	FM, 240°, 24	Memphis, Tenn.
→ LITTLE ROCK (Adams Field)	353 (LI)(116.1)	SBRAZ-VDT,313°,3.8	(3); 116.1,122.1
→ STUTTGART AAF	269 (DSA)	MRLWZ,173°, 4.7	
[redacted]A			
MONROE (Selman)	359 (UO)(116.1)	SBMRLZ-VDT,25°,2.8	(4); 116.1
MISSISSIPPI			
FLORA FM	(-)	FM, 356°, 13	Jackson
→ GREENWOOD AAF	281 (GD)(116.1)	BMLZ-VDT, 265°,1.9	(4); 116.1
JACKSON (Hawkins)	260 (JA)(116.1)	SBRAZ-VDT,173°,2.4	(3); 116.1,122.1
NESBITT FM	(- - -)	FM, 179°, 9.4	Memphis, Tenn.
VICKSBURG	382 (VS)(116.1)	MHVT	(4); 116.1
[redacted]			
CUBA FM	(-)	FM, 356°, 20.5	Memphis

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

[redacted] ARKANSAS

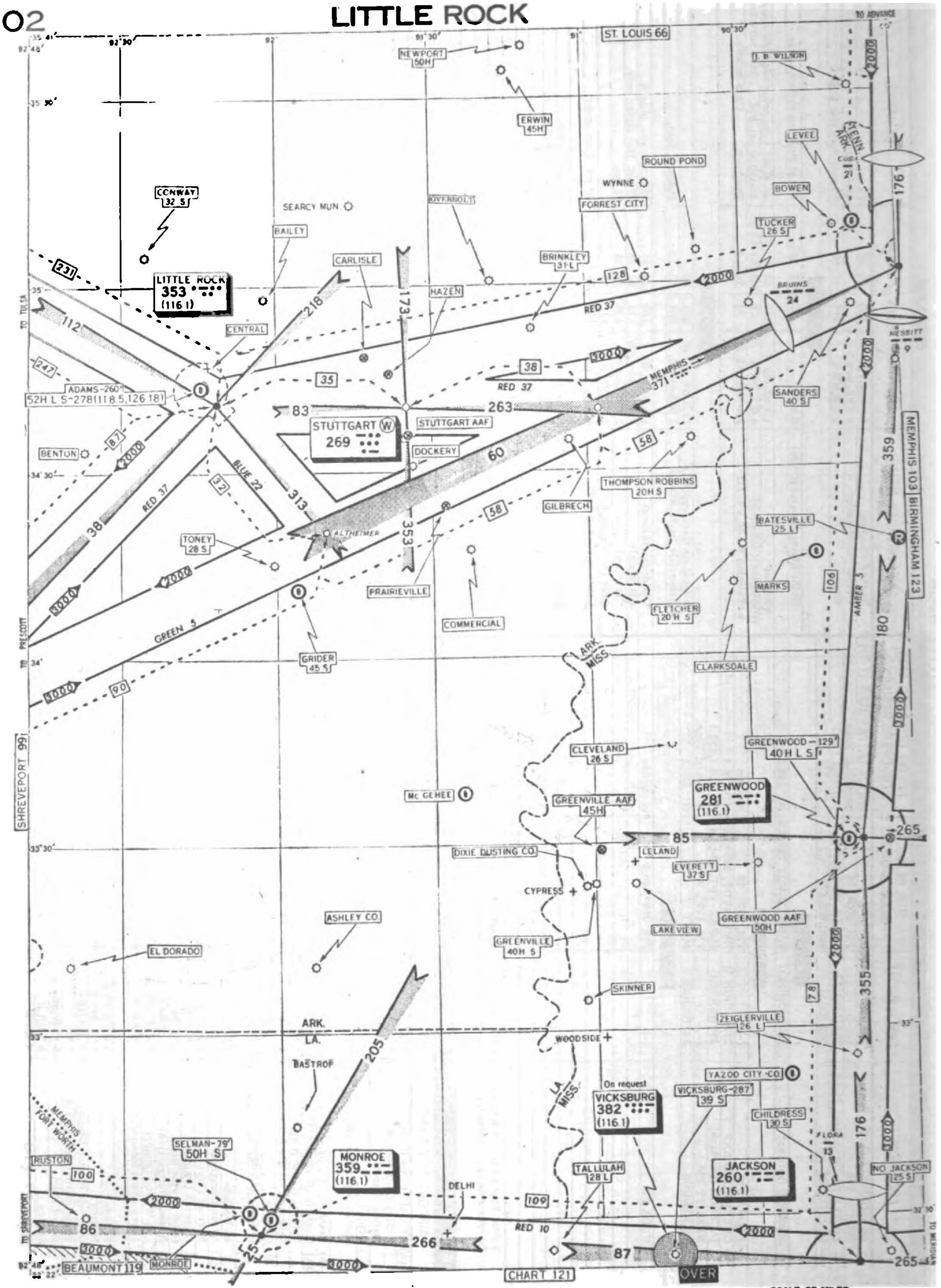
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) ADAMS (Little Rock)	4 E,RR W	260	52h R2 L5 S6	80,91 oct.;73,100,JP-1 mil.acft.
Ashley Co.(Crossett)	5.5 NE,RR E	160	21 S1	Ltd 80 oct.Obsts surround fld.
Bailey (Cabot)	0.5 W,RR E	270	16 S1	80 oct. Trees surround fld.
Benton	1.6 W,RR S	300	20 S6	80 oct.Poles S.
Bowen (West Memphis)	1.5 W,hwy N	215	17 L S6	80 oct.Flood lgts.; port rnwy lgts. Poles SE.
(P) Brinkley, 37, DL-LV	1 E,RR N	188	31 L3 S1	80 oct days. Obst NW.
(A) Carlisle (Stuttgart) (A)	26 NW,RR S	236	45h	CLOSED
Central (Little Rock)	4.5 NE,RR S	255	35 S4	80 oct. Trees W Data unver.
Commercial (De Witt)	2.4 W,RR N	196	24 S4	80 oct.Poleline E.
(P) Conway	1.5 SE,hwy W	309	32 S6	80,91 oct.
Dockery (Stuttgart)	1.5 NNW	214	24 S2	73,80 oct. Pole line N,S,E.
El Dorado	1.5 S,RR W	265	24 S4	80 oct.
Erwin (Newport)	2.5 SSE	220	45h	
Forrest City	0.7 W,hwy SE	226	22 S2	80 oct. Bldg S.
Gilbrech (Palmer)	0.2 NE,RR S	178	17 S2	80 oct.N/S strip rough.Poles W.
(P) Grider (Pine Bluff)	5.5 SE,hwy N	210	45 L S6	73,80 oct. Port rnwy lgts.
(A) Hazen (Stuttgart) (A)	18.7 NNW,RR N	225	45h	CLOSED
J.B. Wilson (Joiner)	0.5 ENE,hwy W	225	15	Trees NE.
Levee (West Memphis)	2.4 E,RR N	215	24 L S4	Ltd 73 oct.Port rnwy lgts.Poleline N, S.
McGehee	0.6 NNW,RR E	145	30 S1	80 oct. Hwy E.
Newport	6 ENE,hwy N	237	50h	
Overholt (Cotton Plant)	3 W,RR NE	250	18 S1	Ltd 80 oct.
(A) Prairieville (Stuttgart) (A)	8.2 SE	205	45h	CLOSED
Round Pond	1.5 NNW,hwy N	200	22 S2	80 oct.
Searcy	2.8 S,RR E	260	14 S1	80 oct. Pole line NE, SE
(A) Stuttgart AAF (A)	7 N,RR E	230	50h	CLOSED
Thompson-Robbins (Helena)	6 NW, RR S	242	20h S6	73, 80 oct.
Toney(Pine Bluff)	2.5 N,hwy W	215	28 S2	73,80 oct. Twr NW lgtd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). → New or revised data

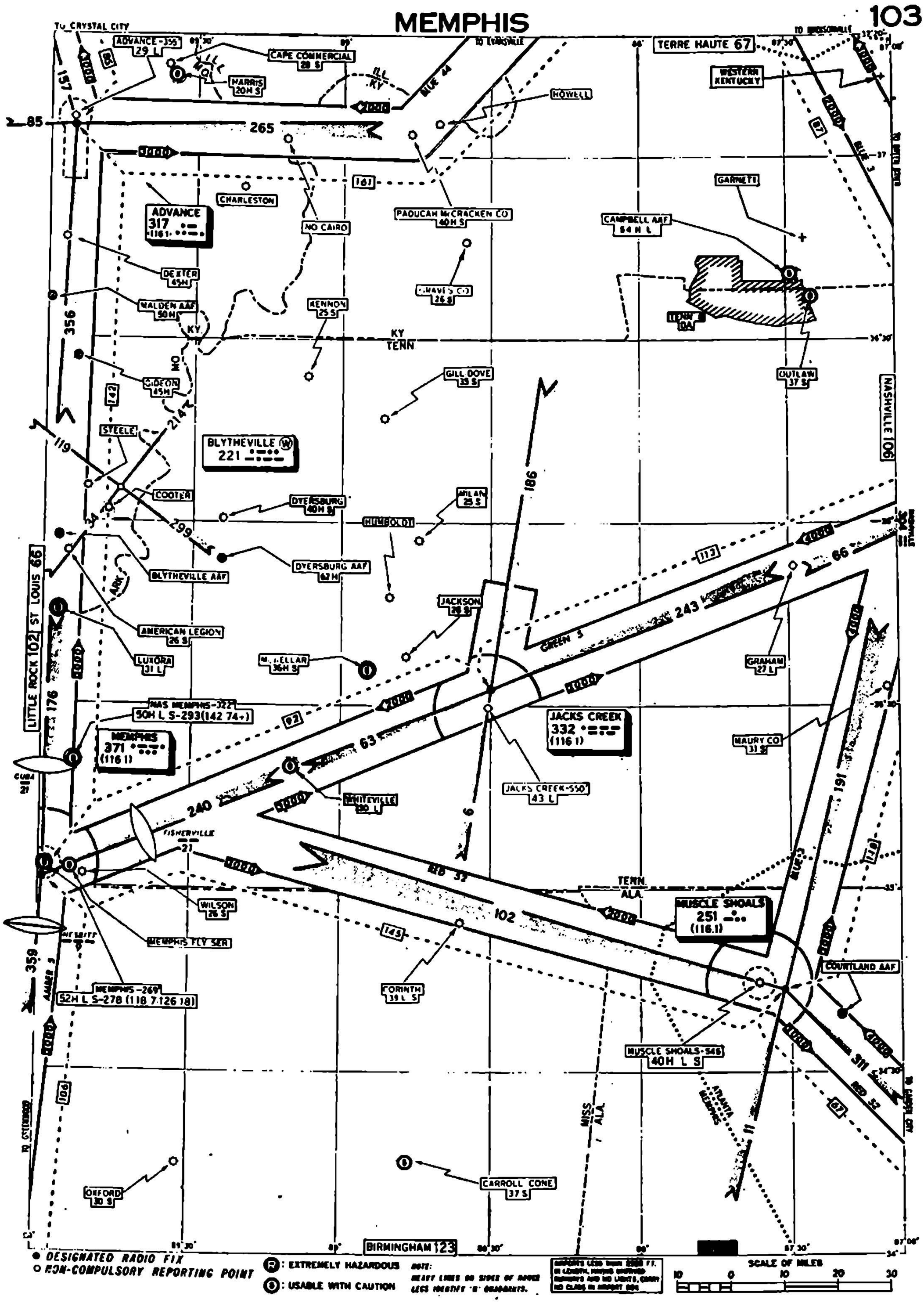
ARKANSAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Tucker (Hughes)	1.1 S,RR W	205	26 S2	80 oct.
→ Wright (Monticello)	1 ENE,hwy S			ABANDONED
Wynne	3.2 N,RR E	212	17 S2	80 oct. Pole line E,SE.
[redacted]				
Delhi Flying Service (Delhi)	0.5 N	95	23 S4	80 oct.Poleline E.Data unver.
Ruston	1.2 SE,RR N	317	32 L S6	80,91 oct. Lgts prior req.1600 rnwy hard surface.
(P) SELMAN (Monroe)	4.6 E,RR N	79	50h R1 L5 S1	80,91,100 oct. Fld lgts on req.
* Tallulah Int,36,FV-AG	2.4 ENE,RR S	84	28 L3	Beacon S.
[redacted]				
Augustine (Jackson)(NC)	11.5 NE,riv SE	335	40	
* Batesville Int,29,NO-LS	3 W,hwy SE	205	25 L3	Poles N, lgtd.
Childress (Flora)	1.5 NNW,RR E	186	30 S1	73 oct.Trees, bldg N
Clarksdale	1.5 SE,hwy NW	175	22 S6	73 oct. Use strips only.
Cleveland	2 NW,hwy S	400	26 S6	73 oct.
Cole (Heads)(NC)	3 NE,RR W	118	16	
Cypress (Greenville)	1.5 SSW,lake E	120	28 S1	80 oct. Data unver.
Dixie Dusting Co. (Greenville)	2 SE,RR,hwy N	118	16 S4	73 oct. No sto.
Everett (Moorhead)	1 SE,RR N	127	37 S6	73 oct. No sto.
Fletcher (Clarksdale)	8 NNE,RR W	175	20h S6	80, 91 oct.
Greenville, mun.	3.5 ESE,hwy N	118	40h S1	80, oct.
(A) Greenville AAF (A)	6.5 NE,road W	131	45h	CLOSED
GREENWOOD, mun.	2.3 SW,RR SE	129	40h R1 L5 S2	80,91 oct.Pole line E,SE.
(A) Greenwood AAF (A)	5.8 ESE,hwy N	162	50h	CLOSED
Lakeview Airpark (Leland)	1.7 SE,lake E	120	18 S4	73 oct.No sto.Data unver.
Leland	3 NNE		23 S4	80 oct.No sto.Pwrline NW. Data unver.
Marks	1.5 NW,hwy N	106	22 S1	73 oct.
North Jackson Arpk.(Jackson)	7.5 NE,hwy E	300	25 S4	80 oct.No sto.Trees S.
(P) Sanders (Walls)	1.8 S,hwy NW	210	40 S6	73,80 oct.Trees E.
Skinner (Glen Allan)	4 N,lake W	110	18 S1	73 oct.
Vicksburg	6.8 NE,hwy W	287	39 R1 S4	80,91 oct.
* Zeiglerville Int,19,NO-LS	3 SW,riv N	248	26 L2	Twr SE.Trees E,S,SE.
NEW AIRPORTS				
Lee (Canton,Miss.)(NC)	1.4 WNW;RR E	300	38	Tank E.
Monroe Arpk (La)	1.5 N;RR N		26 S6	80 oct.
Woodside (Glen Allan,Miss)	4 SE		24 S1	80 oct.
Yazoo City County (Miss)	1.5 N		18 S1	80 oct. Data unver
→ Bastrop, (La.)	2.8 WSW;riv W		18 S1	80 oct.

LITTLE ROCK


TO ADVANCE
ST. LOUIS 66
NEWPORT 50H
ERWIN 45H
J. B WILSON
2000
LEVEE
ROUND POND
WYNNE
FORREST CITY
BOWEN
TUCKER 26 S
176
CONWAY 32 S
SEARCY MUN
BAILEY
OVERBOLT
CARLISLE
BRINKLEY 31 L
128
HAZEN
RED 37
BRUINS 24
NESBITT
LITTLE ROCK 353 (116 I)
231
112
247
CENTRAL
218
173
ADAMS-260 52H L S-278(118.5,126 18)
35
38
RED 37
3000
MEMPHIS 371
SANDERS 40 S
83
263
STUTTGART W 269
STUTTGART AAF
DOCKERY
BENTON
87
BLUE 22
32
313
60
58
THOMPSON ROBBINS 20H S
GILBRECH
ALTHEIMER
TONEY 28 S
353
BATESVILLE 25 L
MARKS
106
PRAIRIEVILLE
COMMERCIAL
FLETCHER 20 H S
AMBER 3
MEMPHIS 103 BIRMINGHAM 123
359
180
GREEN 5
GRIDER 45 S
90
ARK MISS
CLARKSDALE
CLEVELAND 26 S
GREENWOOD – 129' 40 H L S
SHREVEPORT 99
Mc GEHEE
GREENVILLE AAF 45H
GREENWOOD 281 (116.1)
85
265
DIXIE DUSTING CO.
LELAND
EVERETT 37 S
CYPRESS
LAKE VIEW
GREENWOOD AAF 50H
ASHLEY CO.
EL DORADO
GREENVILLE 40H S
SKINNER
355
78
ARK.
LA.
ZEIGLERVILLE 26 L
WOODSIDE
205
BASTROP
YAZOO CITY -CO
On request
VICKSBURG 382 (116.1)
VICKSBURG-287 39 S
CHILDRESS 30 S
FLORA
MEMPHIS FORT WORTH
SELMAN-79 50H S
RUSTON
100
MONROE 359 (116.1)
TALLULAH 28 L
JACKSON 260 (116.1)
NO JACKSON 25 S
DELHI
109
86
266
RED 10
87
25
BEAUMONT 119
MONROE
CHART 121
OVER
TO PRESCOTT
TO TULSA
TO SHREVEPORT
TO MERIDIAN
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLACK
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

MEMPHIS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ : EXTREMELY HAZARDOUS
Ⓤ : USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS DENOTE "B" BOUNDARIES.

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
MUSCLE SHOALS	231(ED)(116.1)	SBRAZ-DTV; 262°, 4.6	(4); 116.1
→ BLYTHEVILLE AAF	221 (LY)	RLWZ; 226°, 14.2	
NESBITT FM	(- - -)	FM; 170°, 9.4	Memphis, Tenn.
ADVANCE (Int.)	317(AF)(116.1)	SBMRAZ-DTV; 354°, 1.5	(4); 116.1
CUBA FM	(-)	FM; 356°, 20.5	Memphis
FISHERVILLE FM	(- -)	FM; 60°, 20.5	Memphis
JACKS CREEK (Int.)	332(JK)(116.1)	BMRLZ-DTV; 186°, 2.62	(4); 116.1
MEMPHIS	371(PS)(116.1)	SBRAZ-DTV	(3); 116.1,122.1
Memphis Airport	278 (126.18, 118.7)	AC (ILS): 356°, 2.1	(4) ;122.5,118.7,See Notice to Airmen
Memphis NAS	293 (142.74)	CN	3105; 142.74 (8-24)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ MEMPHIS	109.9 •-•• •••	333.8	88° Mag.	IM-	MM- •-•-(0.69)	OM- --(4.79)
					MMK 201 •••(0.69)	OMK 233-•-•(4.79)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. 2-VHF Range Station Location Marker (51 3105 4495, 6210 kcs. (41 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. →—Army ACS transmits on and guards 116 1, 132 00, 140 58 mcs

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A)Courtland AAF(A)	1.5 SW;RR N	588	50h	CLOSED
→ Muscle Shoals	1.5E;dam NNW	545	40h R1 L5 S6	80, 91 Oct. No fuel for mil acft

ARKANSAS

American Legion (Blytheville)	1.5ESE;RR N	260	26 S6	80 Oct. Pole line N,W. Stack E.
(A)Blytheville AAF(A)	3NW;RR SW	254	50h	CLOSED
Cooter(Blytheville)	10 NE	260	40h	
* Luxora Int,39,NO-LS	1 WNW;hwy S	240	31 L2	
Steele(Blytheville)	12.3 N	258	40h	

ILLINOIS

North Cairo (Cairo)	3 NNW;RR E	312	24 S4	73 Oct.

KENTUCKY

(A)Campbell AAF (Hopkinsville)(A)	12.8 S;RR E	557	54h L5	
Garnett(Hopkinsville)	6 SSE;hwy W		23 S1	80 Oct. Data unverified
Howell (Paducah)	4 WNW;RR S	371	20 S6	80 oct. All appchs blocked.
Mayfield-Graves County	See Graves County under "New Airports"-name changed.			

KENTUCKY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ PADUCAH-McCRACKEN CO. (Paducah)	8.8 W;RR N	405	40h L5 S6	80, 91 Oct. No Sto. Fld lgts on req.
Western Kentucky (Greenville)	0.3 NE		23 S2	80 Oct. Data unver

MISSISSIPPI

(P)Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 Oct
Corinth 7,PS-TM	5 WSW;hwy N	418	39 L3 S4	80, 91 Oct
(P)Oxford	8 S;riv N,W	400	30 S2	73 Oct

MISSOURI

* Advance Int,48,NO-LS	0.8 WSW;RR S	355	29 R1 L3	
Cape Commercial (Cape Girardeau)	4.8 SW;RR S	340	28 S6	80, 91 Oct 8' dike S.
Charleston	1 ESE,RR NW	300	31 S2	80 Oct. Poles S.
Dexter (Malden)	12.5 NNE	315	45h	
(A)Gideon (Malden)(A)	1 SE of Gideon	268	45h	CLOSED
Harris(Cape Girardeau)	6.5 SSW,hwy E	340	20h S6	80, 91 Oct.
Harvey Parks(Sikeston) (NC)	2 NE;RR S	315	66	Pole line W. Allway area.
(A)Malden AAF (A)	3.5 NW;RR E	296	50h	CLOSED

TENNESSEE

(A)Dyersburg AAF(A)	9 S;RR E	289	62h	CLOSED
Dyersburg, mun.	2 SW;riv N	337	40h S4	80 Oct. No Sto.
Embry Riddle (Union City)	5 ESE;riv WNW	340	18h	Allway: 4620 x 3960'
(P)Gill-Dove (Martin)	3.5 S;hwy E	416	35 S6	80 Oct
* Graham Int. 59,DL-LV	1.5 NW;hwy E	536	27 L3	
Humboldt	4.6 ESE;hwy W	380	15 S1	80 Oct.
* Jacks Creek Int,53, DL-LV	2 N;hwy E	550	43 R1 L3	
Jackson	2.5 ENE;hwy NW	450	28 S6	80 Oct.
Kennon (Union City)	3.2 WSW;hwy N	350	25 S6	80 Oct. No Sto. Pole line N.
(P)McKellar (Jackson)	5.8 W;RR S	410	36h S6	80 Oct
Maury County (Mt. Pleasant)	2.5 ENE;RR SW	672	31 S2	80 Oct. Pole line NW
(A)MEMPHIS	5.9 SSE;RR NE	269	52h R3 L6 S6	73,91,100 Oct. JP-1. Radio required. Obst W,SE,S, NW
Memphis Flying Service (Memphis)	11 SE;RR 3 NW	286	35 L4 S6	80,91 Oct. Pole line S No bcn. Lgts prior req. Rnwy lgtg data unverified
(N)Memphis NAS(N)	16 NNE;RR NW	322	50h R1 L5 S6	73,91,100 oct.
Milan	2.8 NNE;RR SE	421	25 S5	80, 91 Oct.
Outlaw(Clarksville)	7.4 NNW;RR W	550	37 S5	80 Oct.
Wilson (Memphis)	11.5 SE;hwy W	320	26 S6	73 Oct.
* Whiteville Int, 49, DL-LV	0.6 NNW;RR E	494	30 L3	

NEW AIRPORTS

Graves Co.(Mayfield,Ky.)	3.6 ENE;hwy S	543	26 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE

RADIO

ALABAMA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
GARDEN CITY FM	(. -)	FM, 358°, 2?	Birmingham

KENTUCKY

BOWLING GREEN	368 (BA)	SBMRAZ-DT, 296°, 3.8	(4)

TENNESSEE

BERRY (Nashville)	278(118.3,126.18)	AC (ILS)246°,2.?	(4):126.18,118.3,122.5
→ CHATTANOOGA	341(CB)(116.1)	SBRAZ-DTV	(3):116.1,122.1
Chattanooga-Lovell Field	278(126.18,118.9)	C, 203°, 3	(4);126.18,118.9,122.5
FAIRVIEW FM	(- - -)	FM, 246°, 23	Nashville
GREEN BRIER FM	(- - - -)	FM, 331°, 23	Nashville
KINGSTON FM	(- - - -)	FM, 263°, 27.5	Knoxville
MT. JULIET FM	(-)	FM, 66°, 9.6	Nashville
NASHVILLE(Berry)	304(NA)(116.1)	SBRAZ-DTV	(3);116.1,122.1
SMITHVILLE (Int)	347(XM)(116.1)	SBMRAZ-DTV 177°, 1.4	(4); 116.1
SMYRNA AAF (Nashville)	219 (126.18) +	CA (ILS)	(3); 126.18
WALTERHILL FM	(- -)	FM, 129°,19.6	Nashville

NEW RADIO FACILITIES

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BERRY (W)	109.9		14° Mag.	IM-	MM- ·····(0.81)	OM- --(4.05)
					MMK-	OMK-
SMYRNA AAF (W) (A)	109.5	335	230° Mag.	IM- (0.04)	MM- ·····(0.91)	OM- --(4.31)
					MMK-	OMK-

S Simul Range and Voice W Without Voice. Z VHF Range Station Location Marker (3) 3105 4495 6210 kcs (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice ▲—Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

ALABAMA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Athens	3.2NNW;hwy E	780	26 S2	80 oct. Lgt acft only.
Beaver Dam(Decatur) (NC)	7 E;RR W	580	20	
Centre (NC)	0.6 NNW	720	22 S4	80 oct.SSE appr blocked.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Gadsden	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Guntersville Dam (NC)	9.1 NW;hwy E	600	30	
Hartselle	1 WSW;hwy N	588	19 S4	80 oct.
HUNTSVILLE	3.1 S;RR E	610	38h S6	80-91 oct.
(A) " Arsenal (A)	7 SW;RR NW	677	56h	
North Sauty Base (Scottsboro)	3.2 SSW;RR NNE	610	20 S1	80 oct.
Pryor (Decatur)	4 NNE;hwy W	588	44 S6	80, 91 oct.

GEORGIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cedartown	1 W;road S	850	25 S4	80 oct. Pole lines N, W; hill SW.
Clevenger's Airpark (Marietta)	5 NE; RR W	1080	14 S4	Ltd 80 oct. No storage.
Dalton	5.7 ESE	700	22 S1	80 oct.
Felton(Cartersville)	2.5 N	790	23	Hills S,W,N;wires E,W.
Jasper	1 N;RR W	1935	17 S2	80 oct.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct. Hwy E
Rockmart	2 ENE;RR W	800	20 S1	80 oct. Pole line W
Rome	3 NW;RR S	669	25 S6	80 oct. No storage.
(N)Russell (Rome)	7 N;hwy W	644	45h L5 S6	80,91 oct.Lgts prior req. Data unver.

KENTUCKY

(P)Bowling Green	2.5 SSE;hwy W	540	40h R1 L5 S4	90,91 oct. Fld lgts on req to commun stn.
Somerset	5 N; RR W		20 S2	80 oct.Data unverified.

TENNESSEE

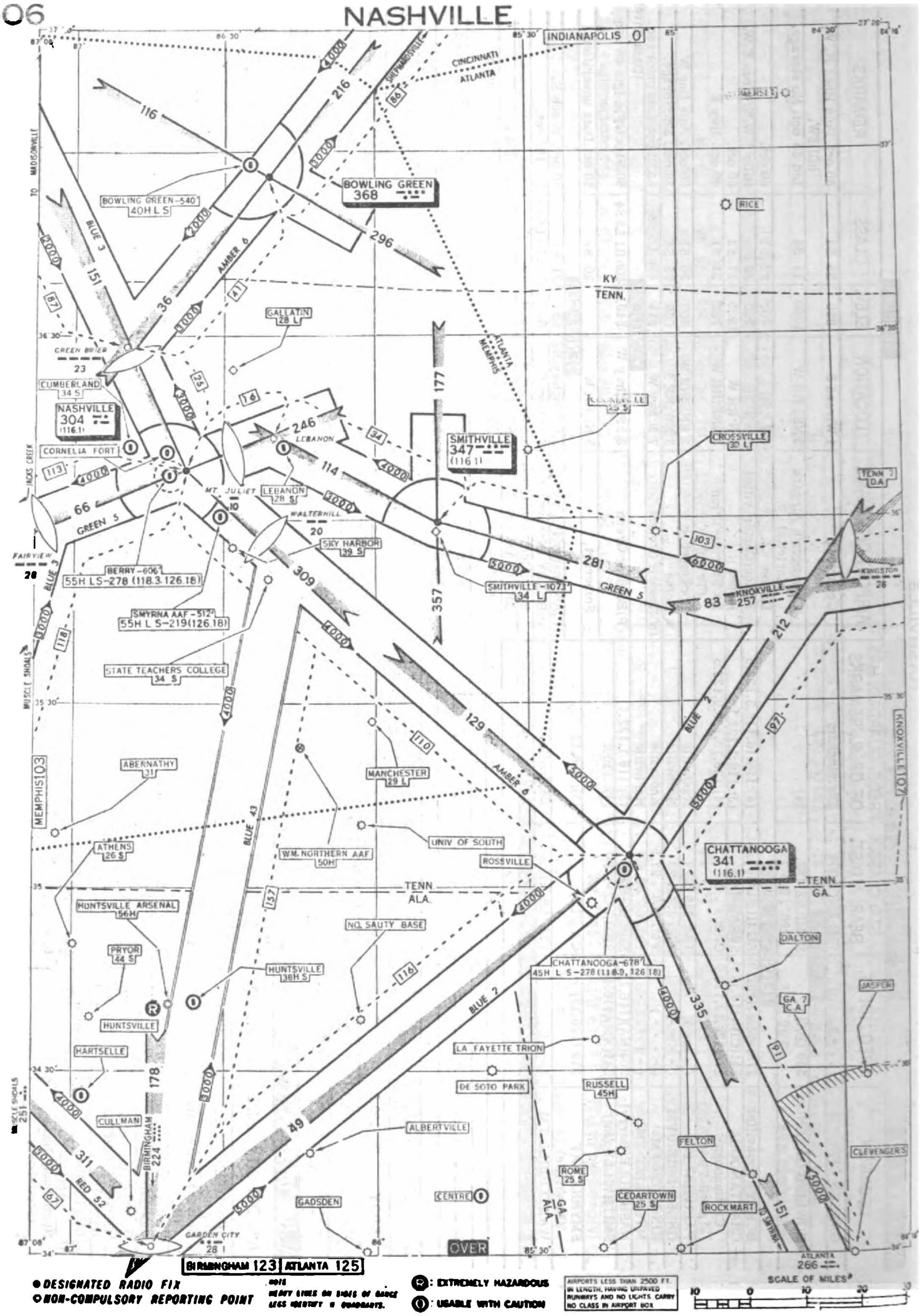
(P)Abernathy(Pulaski)	3.6 SSW;hwy NE	650	31 S1	90 oct. Trees E.
(P)BERRY (Nashville)	6 SE;hwy S	606	55h R3 L6 S6	73, 100 oct.
Boyd(McMinnville)(NC)	4.6 SW;RR N	1000	20	
CHATTANOOGA	5.5 E; RR E	678	45h R1 L5 S6	80, 91 oct.
Cookeville	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W
Cornelia Fort (Nashville)	4 ENE;riv E	420	30 S6	80 oct. Data unverified.
(P) Crossville.9,NA-WA	3.3 WNW;hwy S	1862	30 L3	
Cumberland(Nashville)	3 NNW;riv N	400	34 S6	80 oct. No storage.
* Gallatin Int.66,DL-LV	1.5 NW;hwy NE	557	28 L3	
Lebanon	1.8 SW;hwy E	522	28 S6	73 oct. No storage.
* Manchester Int,16A, AG-NA	4.5 ESE;hwy SW	1090	29 L3	53' trees W,N.
Sky Harbor (Murfreesboro)	7.3 NW;hwy SW	560	39 S6	73 oct.No sto.Poles NE.
* Smithville Int,5,NA-WA	1 E;road S	1073	34 R1 L3 S1	80 oct.
(A)Smyrna AAF (Nashville) (A)	17 SE;RR SW	512	55h R3 L5 S3	73,91,100 oct.JP-1.No rng.
State Teachers College (Murfreesboro)	2 E;hwy N	600	34 S4	80 oct.No storage. Poles N.
University of South (Cowan)	1.0 WNW;RR NE	870	23 S2	80 oct.
(A) William Northern (Tullahoma)(A)	2 WNW;road S	1081	50h	CLOSED.

NEW AIRPORTS

DeSoto Park Landing Strip (Ft. Payne, Ala.)	6 NE	1556	18	
Rossville, (Ga.)	2.1 SSW;hwy E	760	21 S1	80 oct. S blocked.
Rice (Monticello,Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W. Mine E

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 710) NC-(not charted). → NEW OR REVISED DATA

NASHVILLE


INDIANAPOLIS 0
CINCINNATI
ATLANTA
SHELBYVILLE
86
116
216
4000
BOWLING GREEN
368
BOWLING GREEN–540
40H L S
2000
296
BLUE 3
151
AMBER 6
36
41
KY
TENN.
RICE
TO MADISONVILLE
87
GALLATIN
28 L
GREEN BRIER
23
CUMBERLAND
34 S
NASHVILLE
304
(116.1)
25
16
3000
246
LEBANON
34
SMITHVILLE
347
(116.1)
177
ATLANTA
MEMPHIS
CROSSVILLE
30 L
JACKS CREEK
CORNELIA FORT
113
4000
114
MT. JULIET
LEBANON
28 S
66
GREEN 5
10
WALTERHILL
20
SKY HARBOR
39 S
FAIRVIEW
28
BLUE 3
BERRY–606
55H LS–278 (118.3 126.18)
SMYRNA AAF–512
55H L S–219(126.18)
309
357
SMITHVILLE–1073
34 L
281
GREEN 5
5000
6000
103
83
KNOXVILLE
257
KINGSTON
28
TENN 1
D.A.
212
STATE TEACHERS COLLEGE
34 S
118
MUSCLE SHOALS
MEMPHIS 103
ABERNATHY
31
ATHENS
26 S
BLUE 43
MANCHESTER
29 L
110
WM. NORTHERN AAF
50H
UNIV OF SOUTH
ROSSVILLE
AMBER 6
129
BLUE 2
97
KNOXVILLE 107
CHATTANOOGA
341
(116.1)
TENN
GA
TENN
ALA
157
HUNTSVILLE ARSENAL
56H
PRYOR
44 S
HUNTSVILLE
38H S
NQ SAUTY BASE
116
CHATTANOOGA–678
45H L S–278 (118.9, 126.18)
DALTON
335
GA 7
C A
JASPER
HUNTSVILLE
HARTSELLE
178
LA FAYETTE TRION
DE SOTO PARK
RUSSELL
45H
CULLMAN
BIRMINGHAM
224
ALBERTVILLE
49
FELTON
CLEVENGERS
ROME
25 S
CENTRE
GADSDEN
CEDARTOWN
25 S
ROCKMART
151
311
RED 52
67
GARDEN CITY
28 I
OVER
ATLANTA
266
BIRMINGHAM 123
ATLANTA 125
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE
HEAVY LINES ON SIDES OF AIRWAYS
LESS WIDTH 8 BROADCASTS.
R: EXTREMELY HAZARDOUS
①: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT.
IN LENGTH, HAVING UNPAVED
RUNWAYS AND NO LIGHTS. CARRY
NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

KNOXVILLE

ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA

COLUMBUS 71

TO CINCINNATI

TO CHARLESTON

JODY 25 S

PAYNESVILLE 356

RICHLANDS

POWELL VALLEY 25 S

MIDDLESBORO

KY.

VA

TENN

BRISTOL

CHILHOWIE 43

CHILHOWIE 34 L S

TRI-CITY-1518' 45H L S

TRI-CITY 221 (116.1)

MORRISTOWN

W JEFFERSON

TO PULASKI

CHARLOTTE 110

TENN 7 DA

ISLAND 35 S

PIEDMONT 28

GREEN 5

TENN

N CAR

MICAVILLE

MORGANTON

TO SMITHVILLE

KNOXVILLE-988' 50H L S-278 (118.7, 126.18)

KNOXVILLE 257 (116.1)

JOSEPHSON

BLACK MT.

FRANCIS MARION

MORGANTON-LENOIR

OWENS

TALLASSEE 23

SYLVA 25

ASHEVILLE-HENDERSONVILLE 40 H L S

RUTHERFORD

BYERS

NASHVILLE 106

HENDERSONVILLE 30 S

FRANKLIN

H AND H FLY. SVC.

GREENVILLE 281 (116.1)

FAIRFOREST

PARIS MT.

N CAR

GA

S CAR

GREENVILLE-1015' 42H L S

MEMORIAL-804' 44 H L S-317 (118.7, (126.18)

LE TOURNEAU 30 L S

GREENVILLE AAB-942' 55 H L S-272 (126.18)

SPARTANBURG 248 (116.1)

TO MOORESVILLE

TO CHARLOTTE

GA 7 CA

BARKSDALL 30 S

GAINESVILLE 40 H S

CRAWFORD W. LONG 27 S

ANDERSON-783' 50H L S

ANDERSON 236 (116.1)

CORONACA AAF 50H

GREEN 6

ATLANTA 266

WINDER 30 L

ALLEN

ELBERTON

BENTLEY

GREENWOOD

ATLANTA 125 | CHARLESTON 131

OVER

● DESIGNATED RADIO FIX

○ NOB-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓘ: USABLE WITH CAUTION

NOTE:

SCALE OF MILES

10 0 10 20 30

RADIO

SOUTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANDERSON	236(AS)(116.1)	MHVT	(4);116.1
GREENVILLE	281 (GC)(116.1)	BMLZ-VDT, 02°, 1.9	(4); 116.1
Greenville AAB	272 (126.18)+	CA	(3); 126.18
MEMORIAL AIRPORT (Spartanburg)	317 (126.18) (118.7)	C ;58°, 1.6	(4):118.7,126.18,122.5
SPARTANBURG (Memorial Arpt)	248(SU)(116.1)	SBRAZ-DTV	(3);116.1,122.1

TENNESSEE

KNOXVILLE	257 (KX)(116.1)	SBRAZ-VDT	(3); 116.1,122.1
Knoxville Airport	278 (126.18) (118.7)	C(ILS): 192°, 2.0	(4): 118.7, 126.18, 122..
→ Knoxville Airport			DECOMMISSIONED
PIEDMONT FM	(- -)	FM, 63°, 28	Knoxville
TALLASSEE FM	(- - -)	FM, 192°, 23	Knoxville
TRI-CITY	221 (TI)(116.1)	SBMRAZ-VDT,252°, 3.3	(4), 116.1

VIRGINIA

CHILHOWIE FM	(-)	FM, 65°, 43	Tri City, Tenn.

WEST VIRGINIA

PAYNESVILLE	356 (IR)	H	Operated by P.C.A.(6-23)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ KNOXVILLE	110.3	335	44° Mag.	IM-	MM- ·-·- (0.61)	OM- -- (4.34)
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

GEORGIA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen (Buford)	1.5 S,hwy SW	1070	15 S1	80 oct. Pole line SW.
Crawford W. Long (Jefferson)	2.5 S,RR E	950	27 L1 S1	80 oct. Pole line SE.
Elberton	2 SE,hwy W,N	710	16 S1	80 oct. Obst sur fld.
Gainesville	1.5 S,RR E,NW	1277	40h(L5)S6	80,91 oct.Lgts on req.
(P) Le Tourneau (Toccoa)	2.5 NE,RR S	950	30 L3 S4	80, 91 oct.
* Winder Int,4,AG-LG	1.5 NE,bet rds	950	30 L3	Trees, bldg N.

KENTUCKY

Jody (London)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Middlesboro	1.2 W,hwy S	1150	23 S6	80,91 oct.P-line W.Mtns surround fld

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See pg. 11) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) ASHEVILLE-HENDERSONVILLE (Ashev'l)	11.5 SSE,RR W	2090	40h L5 S4	73, 80, 91, 100 oct.
Black Mountain	1.8 SW,RR N	2270	15 S1	80 oct. Soft.
Byers (Shelby)	3 SE,RR SW	875	16 S4	80 oct.
Francis Marion (Marion)	2.5 NE,RR NE	1450	19 S4	80,91 oct.
Franklin	1.2 ESE,riv W	1996	23 S2	80 oct.
Hendersonville	1.5 ESE,hwy SW	2200	30 S6	80, 91 oct.
Josephson (Asheville)	3 W,riv E	2200	20 S1	Ltd 80 oct. Trees NW,SE.
Morganton	2 NW,riv E	1024	16 S2	80 oct.
Morganton-Lenoir (Morganton)	7.5 NE,hwy W	1253	33 S2	80,91 oct
Rutherford(Spindale)	1.5 SSE,RR N	1012	17 S2	80 oct.
Sylva	2.4 NE,riv SW	2039	25 S2	No fuel.
West Jefferson	2 SSW,RR NNE	3200	16 S2	80 oct.

SOUTH CAROLINA

Anderson	4.5 WSW,hwy S	783	50h R1 L5 S6	80, 91 oct.
Barksdale (Laurens)	2.8 E,RR NE	700	30 L S6	73 oct. Port rnwy lgts.Pole line NE
Bentley (Calhoun Falls)	3 ENE,RR NNW	500	16	
Chesnee (NC)	2 S,RR W	910	18	PRIVATE.
(A) Coronaca AAF(A)	3.8 N,RR E	629	50h	(Greenwood) CLOSED
Fairforest (Spartanburg)	5.8 WNW,rd W	830	23 S6	80 oct.
GREENVILLE	3.2 E,RR SE	1015	42h R1 L5 S6	80 oct.No bndry lgts.
(A) Greenville AAB (A)	7.5 SSE,hwy W	942	55h R1 L5 S6	73,100 oct. No sto.
Greenwood	2.6 W,RR E	650	24 S6	73 oct.
(NP)MEMORIAL (Spartanburg)	2.5 SW,hwy SE	804	44h R2 L5 S6	80, 91 oct. 100 oct. for military. NATS
Paris Mountain (Greenville)	4.2 NNW,RR E	1006	21 S6	80 oct. Pwr line NW.

TENNESSEE

Island (Knoxville)	2.5 E	830	35 S4	80 oct. No sto.
(P) Knoxville Mun.-McGhee-Tyson (Knoxville)	12 SSW,hwy E	988	50h R3 L5 S6	91, 100 oct.
Morristown	5.7 ENE	1400	19 S1	73 oct.
TRI-CITY	11.8 NNW Johnson City	1518	45h R1 L5 S6	80, 91 oct. 10.2 ESE Kingsport.

VIRGINIA

* Chilhowie Int,29B,NA-WA	3.9 SE,riv N	2100	34 L3 S4	80 oct. Pole lines SW,NE.Riv SW.
Powell Valley (Big Stone Gap)	4 ESE,hwy NW	1700	25 S4	80 oct.Pole line ENE,hills W.
Richlands	2.7 WSW,RR N	1950	20 S2	80 oct.

NEW AIRPORTS

Bristol, (Va.)	3 NE		18 S1	80 oct. Data unverified
H&H Flying Service (Brevard,N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct.P-line WNW
Micaville, (N.C.)	1 S;RR W	2500	21	N,S blocked.
Owens (Asheville,N.C.)	2.3 SSW;RR E	1988	25 S6	80,91 oct.

CHARLOTTE

RADIO

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-VDT, 359°, 1.7	(3); 116.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SERAZ-VDT	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5.
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V	(3); 116.1
Pope Field	396(126.18, 116.1)+	CA(ILS);355°, 2.3	(3); 116.1,126.18
→RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-VDT(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;328°, 5.1	

SOUTH CAROLINA

FLORENCE	239 (FL)(116.1)	SBMRLZ-VDT, 292°,1.7	(4);116.1,122.1

VIRGINIA

DANVILLE	344(VE)	MHW	
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-VDT, 247°, 2.1	(4); 116.1
→ROANOKE (Woodrum Field)	371(RO)(116.1)	SBRAZ-VDT, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	C	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

→RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	3105.6210.3117.5;126.18. 122.5,118.3

INSTRUMENT LANDING SYSTEMS (localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
POPE(A)	110.3 (W)	335	360° Mag.	IM-	(0.04)	MM- ·····-- (4.00)	OM- (4.18)
					MMK-		OMK-
→RALEIGH	109.9	333.8	46° Mag.	IM-		MM- ·-·-· (0.62)	OM- — — (4.43)
					MMK-		OMK-
				IM-		MM-	OM-
						MMK-	OMK-
				IM-		MM-	OM-
						MMK-	OMK-

S Simul. Range and Voice, W Without Voice; Z VHF Range Station Location Marker; (3)-3105 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army A C S transmits on and guards 116 1. 137.98, 140.58 mcs.

AIRPORTS

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25	Obsts sur fld.
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct,No sto. P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	17 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS
Candor (NC)	1.1 E,RR N	710	19	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct.Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE,RR W	730	19 S2	No fuel.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 L S2	80 oct.Flare pots prior req.
Cpley (Concord)	2 SW,RR E	790	12 S1	80 oct. Trees ESE.
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd F,S	700	19 S2	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto. Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S6	80,91 oct.
Durham Airways	7.8 N,RR E	480	15 S4	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S1	80 oct. Pwr line S.
→Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
→Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Horgan (Chapel Hill)	3.8 NW,RR E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts, Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h L2 S6	80,91 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	20 S1	80 oct. Trees NW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR S	700	40 S1	80 oct.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
→RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W.Hwy
Roxboro	7 NE,RR W	600	24 S2	80 oct. F.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E,RR N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S	720	16 S1	80 oct.
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. RR NE.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock (NC)	2.5 SE,hwy W	135	22	Poles around fld.
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
Palmer (Bennettsville) (NC)	3.4 NNW, hwy E	155	44	Not maintained as landing field
Roddey (Rock Hill)	2.7 SW,RR NW	684	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S4	80 oct.

VIRGINIA

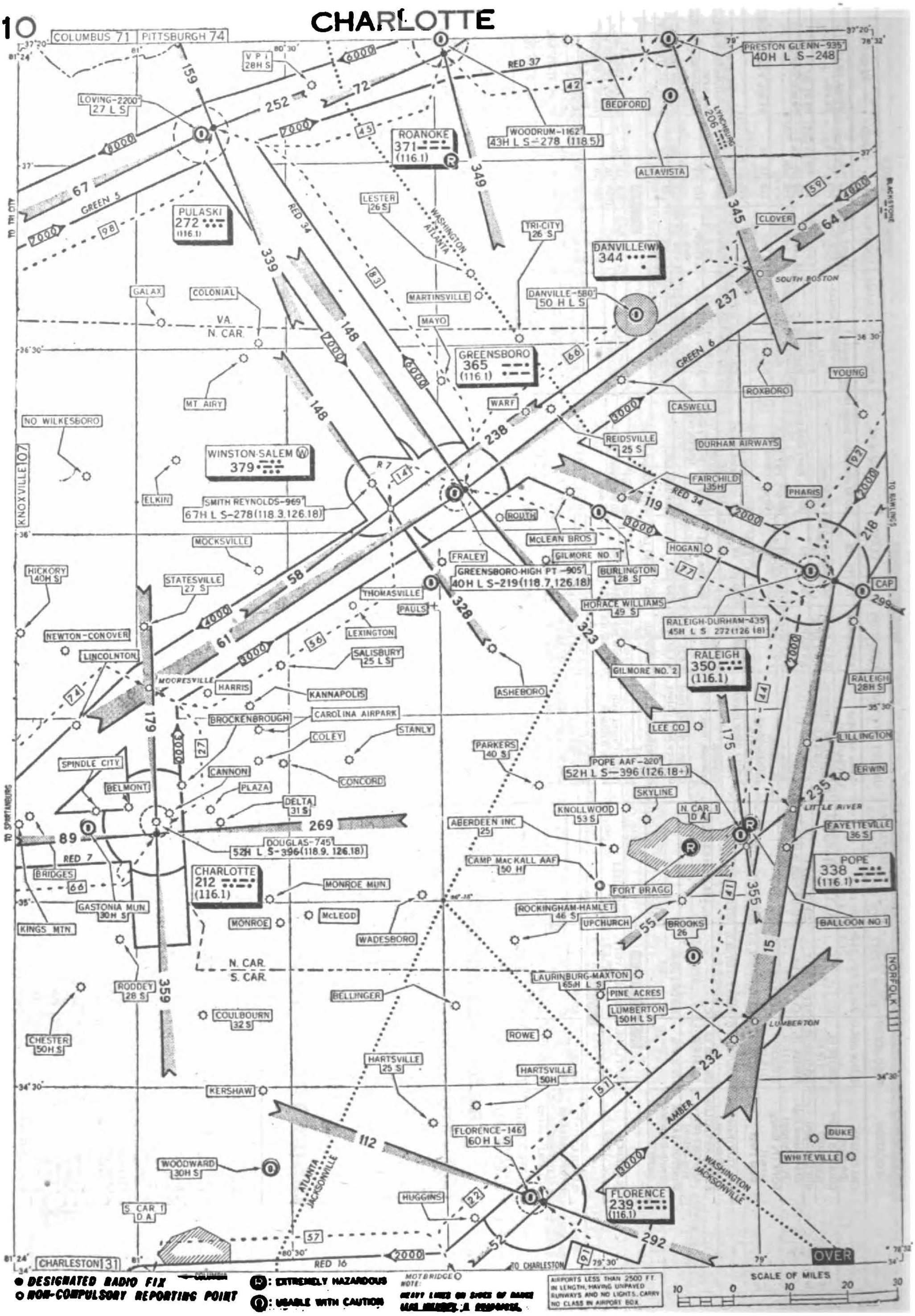
Altavista	0.1 NE,RR S	650	18 S1	80 oct. Trees SW.
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR NE	1000	26 S2	80 oct. 20-75' bldgs SE.
Loving, 35A, NAWA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	28h L1 S6	73,80 oct. Strip rough.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W. 100 oct army.

NEW AIRPORTS

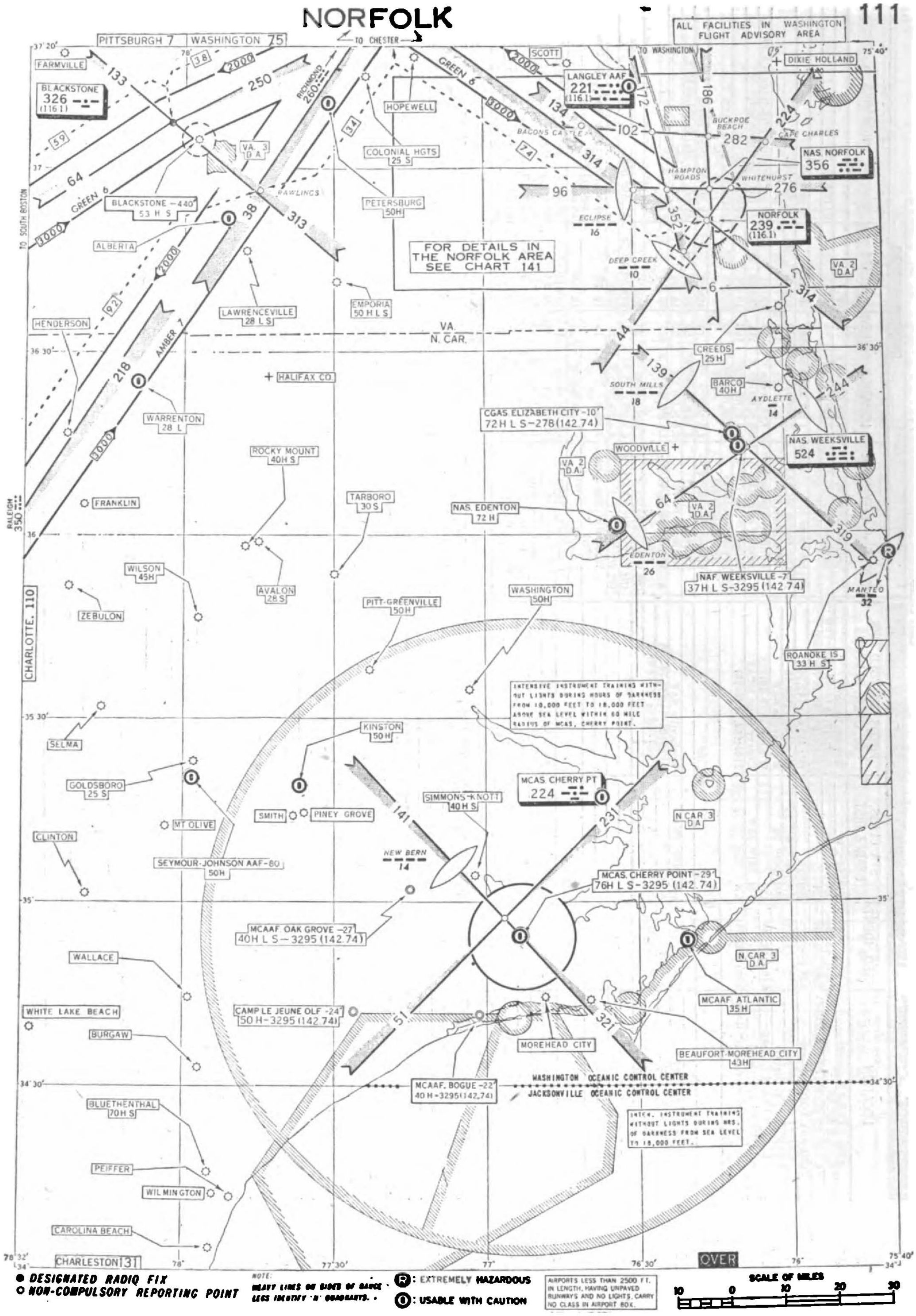
Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N C)	6 SE		27 S2	80,91 oct. Data unver.
Cap (Raleigh,N.C.)	2.7 NNE; bet RR,hwy		36 S6	80,91 oct.Hgh trees S, SW appchs.
Duke Fld (Chadbourn,N.C.)	1 N;RR SW	96	20 S4	80 oct.

h-hard surfaced runways. R radio facilities. L lighting facilities. S servicing. (See page 110) NC (not charted) →NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 71 | PITTSBURGH 74
VPI 28H S
LOVING-2200' 27 L S
ROANOKE 371 (116.1)
PULASKI 272 (116.1)
WOODRUM-1162' 43H L S-278 (118.5)
PRESTON GLENN-935' 40H L S-248
BEDFORD
ALTAVISTA
LYNCHBURG 206
LESTER 26 S
WASHINGTON ATLANTA
TRI-CITY 26 S
DANVILLE(W) 344
CLOVER
SOUTH BOSTON
DANVILLE-580' 50 H L S
MARTINSVILLE
MAYO
GALAX
COLONIAL
VA
N. CAR.
GREENSBORO 365 (116.1)
MT AIRY
WARF
CASWELL
ROXBORO
YOUNG
NO WILKESBORO
WINSTON-SALEM 379
REIDSVILLE 25 S
DURHAM AIRWAYS
ELKIN
SMITH REYNOLDS-969' 67H L S-278(118.3,126.18)
FAIRCHILD 35H
PHARIS
ROUTH
McLEAN BROS
MOCKSVILLE
FRALEY
GILMORE NO 1
HOGAN
HICKORY 40H S
STATESVILLE 27 S
GREENSBORO-HIGH PT-905' 40H L S-219(118.7,126.18)
BURLINGTON 28 S
CAP
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-435' 45H L S 272(126.18)
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
ASHEBORO
GILMORE NO. 2
RALEIGH 350 (116.1)
RALEIGH 28H S
MOORESVILLE
HARRIS
KANNAPOLIS
LEE CO
BROCKENBROUGH
CAROLINA AIRPARK
LILLINGTON
PARKERS 40 S
POPE AAF-220' 52H L S-396 (126.18+)
SPINDLE CITY
COLEY
STANLY
ERWIN
CANNON
CONCORD
SKYLINE
BELMONT
PLAZA
KNOLLWOOD 53 S
N. CAR. 1 D A
DELTA 31 S
ABERDEEN INC 25
LITTLE RIVER
FAYETTEVILLE 36 S
DOUGLAS-745' 52H L S-396(118.9, 126.18)
CAMP MacKALL AAF 50 H
POPE 338 (116.1)
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN
FORT BRAGG
GASTONIA MUN 30H S
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
BALLOON NO 1
KINGS MTN
MONROE
McLEOD
WADESBORO
N. CAR.
S. CAR.
LAURINBURG-MAXTON 65H L S
RODDEY 28 S
PINE ACRES
BELLINGER
LUMBERTON 50H L S
COULBOURN 32 S
ROWE
LUMBERTON
CHESTER 50H S
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
FLORENCE-146' 60H L S
DUKE
WHITEVILLE
WOODWARD 30H S
ATLANTA JACKSONVILLE
HUGGINS
WASHINGTON JACKSONVILLE
FLORENCE 239 (116.1)
S CAR 1 D A
CHARLESTON 31
MOTBRIDGE
TO CHARLESTON
OVER
TO TRI CITY
KNOXVILLE 107
TO SPARTANBURG
BLACKSTONE
NORFOLK
TO WAVERLY
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
Q: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX
SCALE OF MILES
10 0 10 20 30

NORFOLK


PITTSBURGH 7 | WASHINGTON 75
ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
TO CHESTER
TO WASHINGTON
TO SOUTH BOSTON
FARMVILLE
BLACKSTONE 326 (116.1)
133
250
2000
RICHMOND 260
38
59
64
GREEN 6
3000
BLACKSTONE — 440 53 H S
ALBERTA
92
2000
HENDERSON
AMBER 7
218
3000
WARRENTON 28 L
RALEIGH 350
LAWRENCEVILLE 28 L S
313
RAWLINGS
HOPEWELL
34
COLONIAL HGTS 25 S
PETERSBURG 50H
EMPORIA 50 H L S
VA. N. CAR.
HALIFAX CO.
ROCKY MOUNT 40H S
FRANKLIN
TARBORO 30 S
AVALON 28 S
WILSON 45H
ZEBULON
CHARLOTTE, 110
PITT-GREENVILLE 50H
WASHINGTON 50H
SELMA
KINSTON 50 H
GOLDSBORO 25 S
SMITH
PINEY GROVE
MT OLIVE
CLINTON
SEYMOUR-JOHNSON AAF-80 50H
141
SIMMONS-KNOTT 40 H S
NEW BERN 14
MCAAF OAK GROVE -27 40H L S — 3295 (142.74)
WALLACE
WHITE LAKE BEACH
BURGAW
CAMP LE JEUNE OLF -24 50 H-3295 (142.74)
51
MCAAF. BOGUE -22 40 H-3295 (142.74)
BLUETHENTHAL 70H S
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 131
SCOTT
2000
LANGLEY AAF 221 (116.1)
GREEN 6
3000
134
BACONS CASTLE
74
314
96
ECLIPSE 16
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
DEEP CREEK 10
352
6
44
139
SOUTH MILLS 18
CGAS ELIZABETH CITY -10 72 H L S-278 (142.74)
VA 2 D A
64
VA 2 D A
NAS. EDENTON 72 H
EDENTON 26
231
MCAS CHERRY PT 224
MCAS. CHERRY POINT -29 76H L S-3295 (142.74)
N CAR 3 D A
MCAAF ATLANTIC 35 H
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
321
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
DIXIE HOLLAND
BUCKROE BEACH
282
224
CAPE CHARLES
NAS. NORFOLK 356
HAMPTON ROADS
WHITEHURST
276
NORFOLK 239 (116.1)
VA 2 D A
186
172
102
314
NAS. WEEKSVILLE 524
WOODVILLE
VA 2 D A
64
VA 2 D A
319
EDENTON 26
NAF. WEEKSVILLE -7 37H L S-3295 (142.74)
CREEDS 25 H
BARCO 40H
AYDLETTE 14
244
MANTEO 32
ROANOKE IS. 33 H S
35 30'
36 30'
36 36'
37 20'
37
35
34 30'
78 32'
78°
77 30'
77°
76 30'
76°
75 40'
OVER
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF BASIC LEGS IDENTIFY "R" BOUNDARYS.
Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM, 64°, 14	Weeksville NAF
→ BOGUE MCAS	3295(142.74)	CN	3105;142.74 (8-16 Mon-Fri)
CAMP LE JEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN, 141°, 4	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM, 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
NEW BERN FM (Navy)	(- - - -)	FM, 321°, 13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	3295 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM, 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324(NFG)	MRL	500,3105; 142.74 (7-19)
Weeksville NAF-LTA	3295 (142.74)	CN, 319°, 0.5	3105; 142.74 (8-1630)
BLACKSTONE	326(KT)(116.1)	BMLZ-VDT,133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-VDT:102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV,44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ, 276°,2.9	
NEW RADIO FACILITIES			
MANTEO FM (Navy)(N.Carolina)	(- -)	FM;139°,32	Weeksville NAF

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h	
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h R1	
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	91, 100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,hwy N	140	25 S1	80 oct.Data not verified.
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. Rnwy data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page 111) (NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,ocean E	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	TMP INACT NO FACS
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80 oct. No sto. Pole line NNE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto
★ Warrenton Int.46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	1.8 N,hwy W	38	50h	
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L5 S4	91, 100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h	
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.
Roanoke Isl.(Manteo)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct. Lgts on req. Data unverified.
Morehead City	5WNW;RR N	15	23 S4	80 oct. No sto
Piney Grove (Kinston)	2.1 SSW;riv NE	43	18 S1	80 oct.
Smith Fld (Kinston)	3.7 SW; riv N,W	40	26 S4	80 oct. P-line ENE
White Lake Beach	0.2 NW; lake S	75	18 S4	80 oct No sto. (White Lake)
Wilmington Airpark	3 SE; hwys N	20	27 S4	80 oct. N & E blocked.

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5 S4	80,91 oct. Rnwy lgts on req.ARMY TMP.
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) INACT;CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	80 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80 oct.
Petersburg	6.2 WSW,RR N	190	50h	CLOSED
Scott (Williamsburg)	1.3 NNW,RR SW	90	20 S2	80 oct. Pole line SW,WNW.
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29	20-60' trees NE,SW,W. (NC)
NEW AIRPORTS				
Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
→ (P) Pitt-Greenville, (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Dixie Holland (Cape Charles,Va.)	1.5 ENE;hwy S		22 S1	80 oct.Unverified.

CORPUS CHRISTI

RADIO — TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALICE	224(EZ)	SBRAZ, 72°, 3.6	
BROWNSVILLE (International Arpt)	388(JI)(116.1)	SBRAZ-VDT,157°,2.3	(3);116.1
CABANISS NAAS,(Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)
CLIFF MAUS (Corpus Christi)	278(118.3)	C	(4);118.3,126.18,122.5(7-23)
CORPUS CHRISTI (Cliff Maus Field)	382(CR)(116.1)	SBMRLZ-VDT,138°,2.9	(3);116.1
Corpus Christi (Navy)	248 (NCP)	MLZ	(3);142.74
Corpus Christi NAS	248 (142.74)	CN(GCA);350°,3.3	(3);142.74
Corpus Christi NAS (Seapl)	2870(142.74)	CN	3105;6210;142.74
CUDDIHY NAAS (Corpus Christi)			DECOMMISSIONED
GREGORY FM (Navy)	(-)	FM, 350°, 18	Corpus Christi NAS
INTERNATIONAL ARPT (Brownsville)	278 (126.18, 118.7)	C(ILS)	(4);118.7,126.18,122.5 (8-24)
LAREDO	206(LL)(116.1)	SBRAZ-VDT,137°,3.1	(4);116.1,122.1
LOS FRESNOS FM	(-)	FM, 354°, 8.9	Brownsville
MERCEDES FM	(- - - -)	FM, 281°, 29.5	Brownsville
PALACIOS	350(UX)	MLWZ, 174°, 1.6	
PLEASANTON FM	(- - -)	FM, 174°, 44.2	San Antonio
RODD NAAS (Corpus Christi)	(142.74)	CN	3105;142.74(during flight opers.)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
INTER-NATIONAL	110.3 ·--- ·· (W)	335	170° Mag.	IM		MM ·--·(0.66)	OM --(4.34)
						MMK	OMK

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. **Parenthetical Numbers in Frequency Columns Indicate VHF Voice.**

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — TEXAS

AIRPORT—CITY NAME	LOCATION	ELEV	CLASS	REMARKS
(P) Alice	3.3 ESE;RR N	177	48h L5 S6	80,91 oct.
(A) Aloe AAF (Victoria)(A)	6 WSW;RR SE	107	57h	CLOSED
(A) " #10 (Victoria)(A)	19.8 WSW	150	40h	CLOSED
Asherton	1 S;RR NE	552	22 S1	80 oct.Poles N;trees sur fld.
★ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence around fld.
Bay City	2 SSW;RR N	50	21 S6	80 oct.No sto.Pole line E.
Brazosport (Velasco)	1 N;hwy SW	6	24 S1	80 oct.Data not verified.
(N) Cabaniss NAAS (Corpus Christi)(N)	6.2 SSW;RR NE	30	50h R1 L5 S4	91 oct.
(N) Chase NAAS (Beeville)(N)	5.6 ESE;rd N	186	46h	INACTIVE.
Chupadera Ranch Emerg. Strip (Laredo)(NC)	60 NW	630	33 L1	
CLIFF MAUS (Corpus Christi)	2.5 SW;RR N	42	45h R2 L5 S6	80,91 oct.No storage.
Commercial (Edinburg)	1 W;RR SE	90	20 S1	73 oct.Pole line NW,NNW.
Community (Sinton)	2 W;RR SE	143	30	
(N) Corpus Christi NAS (N)	9.5 SE	19	58h R2 L5 S6	91,100 oct.NATS,
(N) " OLP #10 (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLP #11 (N)	16 SSW	29	15h	13 SSW Aberdeen.
(N) " OLP #25 (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLP #41 (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City	1.8 N;RR W	600	32 S1	80,91 oct.Pole line NE,NW.
Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h S6	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X10) (NC)-Not charted. ⟶ NEW OR REVISED DATA.

TEXAS

AIRPORT — CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dimmit Co.(Carrizo Sprgs)	2.8 E;hwy N	640	25 S1	Ltd 80 oct.Pole line ends strps.
Eagle Pass	10 N;RR N	878	59h	
" mun.	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY.
Edgerton (Cuero)	2.9 E;hwy SW.	185	19 S6	80 oct.
Edna	1.5 ENE;RR NW	60	25 S1	73 oct.Live stock on fld.
Elsa	1 SSE;RR N	70	21 S6	73 oct.Crop dusters.
Foster (Victoria)	6.5 NE;RR S	104	52h	
" #4 (Victoria)	12.5 NNW	186	56h	
Fox (Raymondville)	1 WSW;RR S	40	26 S2	73,80 oct.Poles W,SE.
Freer (NC)	3.8 NNW;hwy E	375	28	Trees sur fld.
Harlingen, com.	1.8 SSW;hwy E	41	18 S1	73 oct.
Harlingen	5 NW;RR SW	40	13	Pole line S.
" mun.	3.5 NE;rd S	35	60h L5 S4	80,91 oct.Lgts prior req.
Hunt (Portland)	2 WNW;RR ESE	35	16 S5	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE.
(P) INTERNATIONAL (Brownsville)	4.5 E;hwy N	22	59h R3 L6 S6	73-100 oct.ARPT OF ENTRY. 100 oct army.
Kohler (Alamo)	4 NNE;RR W	90	20 S1	73 oct.Poles sur fld.
Kenedy	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	
(N) " NAAS (North) (N)	3.5 ESE;hwy NW	47	61h	INACTIVE.
Kingsville (South)	3.5 SE;hwy W,N	51	61h S4	80,91 oct.
Lake Jackson (Freeport)	9.5 NW;hwy E	20	26	Cattle on fld.Trees SW.
Lake Mathis (Mathis)(NC)	5 WSW;RR SE	161	20	
La Laja (Dolores)(NC)	1.5 NNE;riv SW	475	18	PRIVATE.15-20' brush W.S.
LAREDO	3.5 NE;hwy NNE	512	66h R1 L5 S5	80,91 oct.Lgts on req.
Los Fresnos	0.8 SSE;RR W	35	24 S1	73,80 oct.Pole line W.
McAllen	1.6 SSW;hwy N	115	29 S6	73,80 oct.Poles E,NE.
Magic Valley (Mission)	1.5 SSW;lake W	135	21 S6	73 oct.No sto.Poles E.
(A) Matagorda Island (A)		7	40h	9 SSW Port O'Conner.TMP INACT NO PACS.
Matagorda-Peninsula (Matagorda)	6.5 E Port O' Conner	5	40h	
Mauldin (Brownsville)	4.4 NNW;RR W	22	35 S6	80,91 oct.Poles W.
Mid-Valley (Weslaco)	1.7 NE;RR W	70	25 S1	80 oct.Pole line NW,SW.
(A) Moore (Mission) (A)	12 N;RR E	219	50h	CLOSED
" #1 (Mission)	10 N Edinburg	80	40h	
(A) " #3 (Mission)(A)	5 N LaGrulla	300	30h	CLOSED
Old Ocean	1 ENE;hwy N	60	35 S1	80 oct.Cattle on fld.
Palacios	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV	5 WNW;RR W	368	30 L3	
Poteet	0.6 SW;RR E	300	13 S2	73 oct.
★ Raymondville Int,5,JI-FV	3.5 NNE;RR W	34	29 L3	
(P) Rockport	4.3 N;bay W	22	45h	
(N) Rodd NAAS (Corpus Christi)(N)	9.8 S;RR NE	20	51h R1 L5 S4	91 oct.No storage.
Rooke (Refugio)	3.2 WSW;RR E	46	30 S1	73 oct.Cattle on fld.Twr NW.
San Benito,2,JI-FV	1.5 E;RR SW	31	26 L3 S6	73,80 oct.
Shary (Mission)	1 NW;RR E	145	30 S4	73,80 oct.
Sinton	1.3 E;RR NW	27	48 S6	80,91 oct.No storage.
⟵ Stockton (Palfurrias)	2 NW;RR E			ABANDONED
Tanner Sea & Land Plane Base (Port Lavaca)	3 S;hwy S	12	22 S1	80 oct.Pwr line sur fld.
Travland (Beeville)	2 NW;RR E	225	19 S2	80 oct.Poles E.
⟵ Victoria	5.5 N;hwy SW.			ABANDONED
(N) Waldron NAAS (Corpus Christi) (N)	12 SSE;hwy NNE	25	50h	INACTIVE.
Weisman (Kingsville)	2.5 NNE;RR S	60	19 S4	Ltd 80 oct.Poleline S,SW,SE.
Wormser (Laredo)	4 SE;hwy W	440	26	
Worsham (Taft)	0.8 ENE;hwy SW	54	25 S6	80 oct.

NEW AIRPORTS

(P) Port Isabel	10 NE	12	48h	
Central Valley(Mercedes) (Tex)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver.

114 CORPUS CHRISTI

SAN ANTONIO 115 | HOUSTON 118

EAGLE PASS
EAGLE PASS MUNI.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
LAREDO 206 (116.1)
LAREDO
WORMSER
POTEET
PLEASANTON
KENEDY
ALOE AAF
FOSTER No 4
FOSTER
PAWNEE
ALOE No 10
TRAVLAND
NAAS. CHASE
ROOKE
AUSTWELL
ROCKPORT
EDNA
HOUSTON 332
TO ARCOLA
OLD OCEAN
LAKE JACKSON
BRAZOSPORT
BAY CITY
PALACIOS (W) 350
PALACIOS
TANNER
GREEN 6
MATAGORDA PENINSULA
MATAGORDA IS. BOMBING AND GUNNERY RANGE
ALICE (W) 224
ALICE
CORPUS CHRISTI 382 (116.1)
D.A.
C.A.
WEISMAN
OLF No. 25
NAAS. KINGSVILLE (NORTH)
KINGSVILLE
KINGSVILLE
RAYMONDVILLE
FOX
MOORE No. 1
MOORE
MOORE No. 3
COMMERCIAL
ELSA
HARLINGEN
HARLINGEN MUN.
HARLINGEN COML
SHARY
KAHLER
MAGIC VALLEY
McALLEN
MID-VALLEY
MERCEDES
SAN BENITO
PORT ISABEL
LOS FRESNOS
LOS FRESNOS
MAULDIN
CENTRAL VALLEY
BROWNSVILLE 388 (116.1)
INTERNATIONAL 278 MC. 118.7. 126.18 MC.
TEXAS
MEXICO

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA

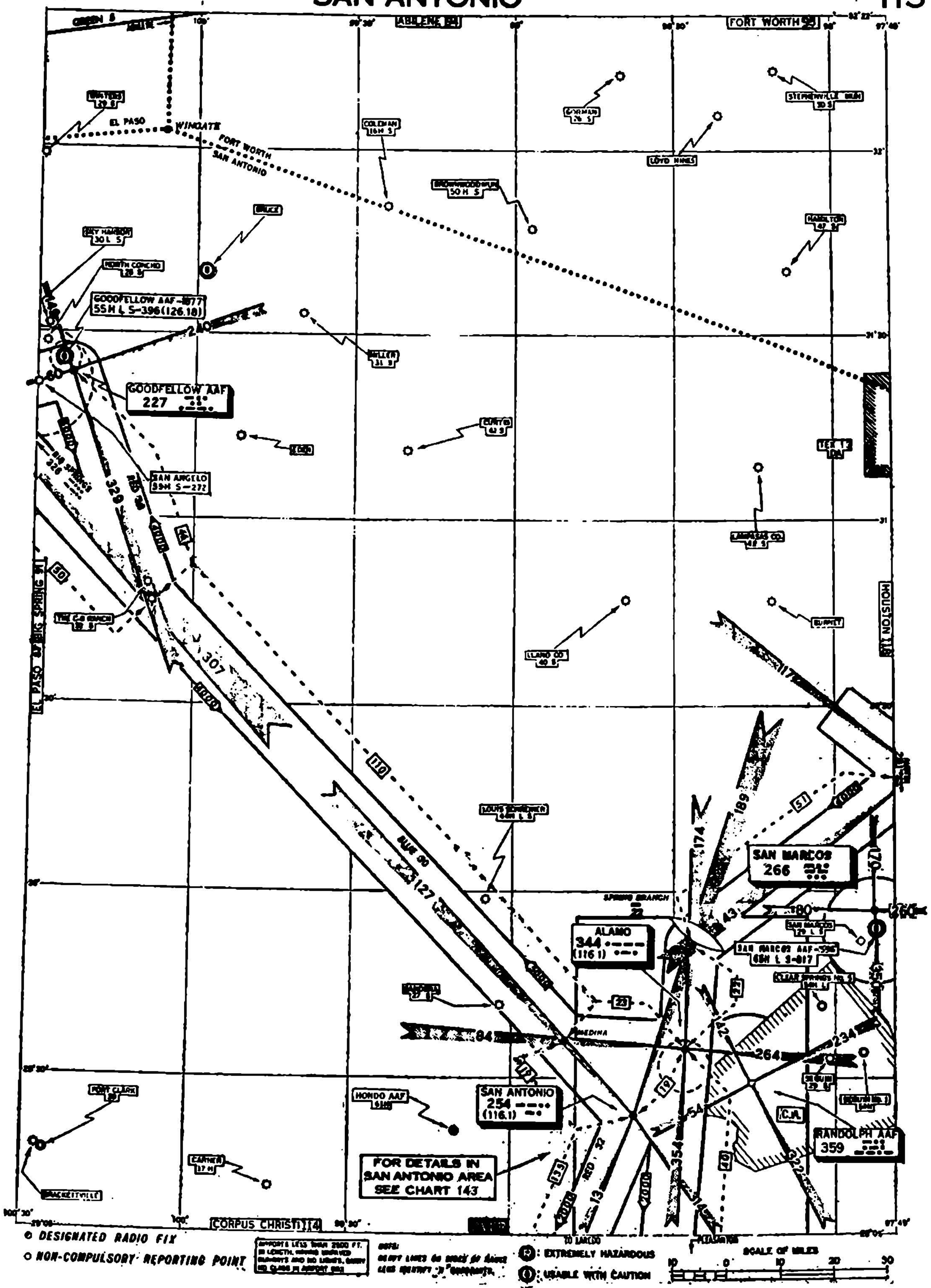
CORPUS CHRISTI AREA

COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 (116.1)
HUNT
GREGORY 18
NAS. CORPUS CHRISTI 248
CLIFF MAUS 278 MC. 118.3 MC.
NAS. CORPUS CHRISTI 248 MC. 142.74 MC.
NAS. CORPUS CHRISTI (SEAPLANE) 2870 MC. 142.74 MC.
NAAS. CABANISS 142.74 MC.
NAAS. RODD 142.74 MC.
CUDDIHY
NAAS. WALDRON
OLF No.10
OLF No. 11
OLF No.41
SCALE OF MILES

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(D): EXTREMELY HAZARDOUS (D): USABLE WITH CAUTION

OVER


ABILENE
FORT WORTH
EL PASO
WINGATE
FORT WORTH
SAN ANTONIO
COLEMAN 116 H S
BROWNWOOD 50 H S
LOYD NINES
BRUCE
CITY HARBOR 30 L S
NORTH CONCHO 28 S
GOODFELLOW AAF-1877
55 H L S-396 (126.18)
GOODFELLOW AAF
227
SAN ANGELO
99 H S-272
HONDO AAF
51 H
SAN ANTONIO
254
(116.1)
ALAMO
344
(116.1)
SAN MARCOS
266
SAN MARCOS AAF-1585
68 H L S-017
RANDOLPH AAF
359
FOR DETAILS IN SAN ANTONIO AREA SEE CHART 143
CORPUS CHRISTI 114
TO LAREDO
HOUSTON
SCALE OF MILES
10 0 10 20 30
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION

RADIOS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMO (San Antonio)	344(JR)(116.1)	MLZ-DTV;174°,2.7	(3); 116.1
GOODFELLOW (San Angelo)(Army)	227 (DIP)	BMRLZ	(3)
Goodfellow Field	396(126.18)+	CA;329°,2.5	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
SAN ANGELO ARPT.	272	CI	(4);(12 noon-1 hr.after sunset)
SAN ANTONIO(Kelly)	254(ZN)(116.1)	SBRAZ-DV,107°1.8	(4); 116.1
SAN MARCOS(Army)	266 (DMS)	MRLZ	V 6-18 Mon.thru Fri.)
San Marcos AAF	317	CA; 170°, 4.2	(3) 266 (days only)
SPRING BRANCH FM	(-)	FM, 354°, 21.6	Alamo

INSTRUMENT LANDING SYSTEMS (Localiser and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bandera	3 SE;hwy NNE	1125	27 S6	80 oct. Trees E.
Brackettville	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Brownwood Mun.	6.3 NNE;RR S	1386	50h L5 S4	80, 91 oct. Ctc lgts on req.
Bruce (Ballinger)	4.5 SSW;hwy NW	1731	23h S6	80 oct. Usable strip 7460'.
Burnet	2 NE;RR W	1325	21 S1	80 oct. Pole line SW.
C-B Ranch (Fort McKavett)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
(A) Clear Springs #5 (New Braunfels)(A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Coleman	1.7 NE;RR S	1685	16h S6	80,91 oct. Use rnwys only.
Comanche (NC)	1.7 NNW;hwy SW	1500	14	
Curtis (Brady)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Eden	1 NW;hwy E	2050	15 S1	73 oct. Trees NE,SW.
(A) Fort Clark (Brackettville) (A)	1.5 SW;rd E	1105	30	
Garner (Uvalde)	2.7 E;hwy N	930	17h S1	80 oct.
(A) Goodfellow (San Angelo)(A)	3 SE;rds N,W	1877	55h R2 L5 S6	73,91,100 oct. JP-1.
Gorman	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
Hamilton	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld.
(A) Hondo AAF (A)	2.1 NW;RR S	929	61h	CLOSED
Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct.
Llano County (Llano)	2.4 NNE;riv NE	1029	40 S1	73 oct.
(P) Louis Schreiner (Kerrville)	3.9 SE;RR SW	1590	44h L5 S6	80 oct.
Loyd Hines (Dublin)	1.3 NW;RR SW	1260	18 S1	73 oct. Poles NW,SW,SE.
Mason County (NC)	3.2 ESE;hwy N	1500	44	(Mason)
Miller (Leaday)	1 S; riv W	1525	31 S6	73 oct. No sto.
North Concho (San Angelo)	1.7 WNW;RR E	1850	28 S4	80 oct. Poles sur. fld.
Riomedina (Castroville) (NC)	4.5 N;riv W	855	45	
(P) SAN ANGELO	8.5 SSW;rd NW	1915	59h R1 L5 S6	80, 91 oct.
(A) San Marcos AAF (A)	5 E;riv W	596	65h R2 L5	
★ San Marcos Int, 31B, JI-FV	2 SE;hwy N	577	29 L3 S6	73,80 oct. Pole line NE.
Schneider (Seguin) (NC)	2.2 WNW;RR N	520	23	Pole line N.
Seguin	3.3 WSW;riv E	400	29 S1	73,80 oct. Pole line NW.
(A) Seguin #1 (A)	3 E;rd N	530	54h	
Sherrill (Rock Springs) (NC)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo)	4.6 NNW;RR SW	1840	30 L3 S4	80,91 oct. After 2100 lgts on req. Pole line W,NW.
Stephenville	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
White (Brady) (NC)	10 W;RR N	1550	73	
Winters	2 NW;RR E	1860	29 S1	73 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). → NEW OR REVISED DATA.

TEXAS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCOLA FM	(- - -)	FM, 218°, 15	Houston
AUSTIN (Robert Mueller Arpt)	281(XN)(116.1)	SBMRLZ-DTV,117°, 1.8	(3);116.1,122.1
BERGSTROM (Austin)	396(126.18)+	CA	(4); 126.18
ELLINGTON (Houston)	219+	CA	4495.126.18(Reserve flying only)
HOUSTON (NC)	332(HU)(116.1)	SBRAZ-DTV	(3); 116.1
Houston Airport	278(126.18,118.5)	AC; 309°,2.2	(4):118.5,126.18,122.5
HOUSTON LFM	(- - - -)	LFM,309°,5.5	Houston
NAVASOTA (Int.)	212(NT)	MRLW :180°,1.4	
RICHMOND	391 (UT)	MRLW	
ROBERT MUELLER ARPT. (Austin)	272(118.7)	C	(4);118.7,126.18,122.5 (7-23)
WACO (Mun.)	385(WC)(116.1,111.1)	SBRAZ-DTV;9°,2.6	(4);116.1,122.1
WEBSTER FM	(- -)	FM, 129°, 9.3	Houston
YOAKUM (Int.)	236 (YK)	HW;352°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

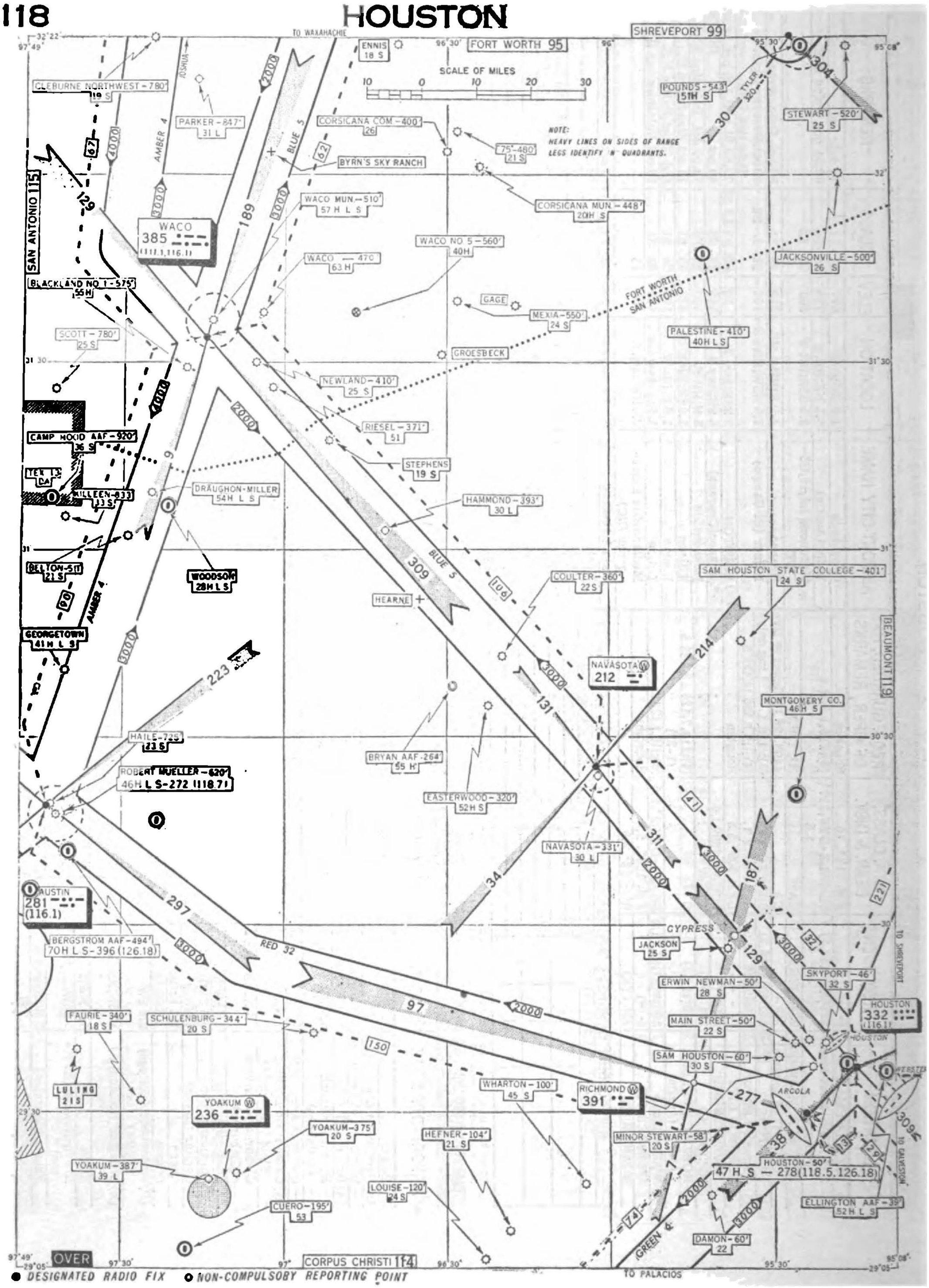
AIRPORTS TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Belton	1.6 WSW;hwy N	511	21 S1	73,80 oct. No sto.
(A) Bergstrom (Austin)(A)	7 SE	494	70h R1 L5 S6	73,100 oct.No sto.Pole NE, NW.
Blackland #1 (Waco)	11 WSW;RR S	575	55h	
(A) Bryan AAF (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Byrn's Sky Ranch (Hillsboro)	5.8 NE	820	25 S6	80 oct. Data unverified.
Cameron Arpk (NC)	1.7 N;RR,hwy W	402	29	Bldg NNE.
(A) Camp Hood Landing Field (Killeen)(A)	2 NE	920	36	CLOSED.
Cleburne Northwest (Cleburne)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Corsicana, com.	2.8 SW;bet rds	400	26	
Corsicana, mun.	5.6 SE;RR E	448	20h S6	
Coulter (Bryan)	4 NE;hwy NW	360	22 S6	80 oct.5' fence SW
Cuero	3.1 N;RR SE	195	53	
Damon	3 ESE;hwy WSW	60	22	4' fence sur fld.
(P) Easterwood (College Station)	2.8 SW	320	52h S6	80 oct.
(A) Ellington(Houston)(A)	15 SE;RR W	39	52h L5 S1	100 oct.
Ennis	1.5 NW;RR E	540	18 S4	Ltd 73 oct.No sto.
Erwin-Newman(Houston)	5 SSW;hwy N	50	28 S6	80 oct.
Faurie (Gonzales)	2 NNE;hwy E	340	18 S2	80 oct. Trees N,S.
Gage (Teague)	1.7 N		22 S4	80 oct. Pwr line W.Data unver.
Georgetown	3.3 N;hwy E	789	41h L5 S4	80,91 oct.

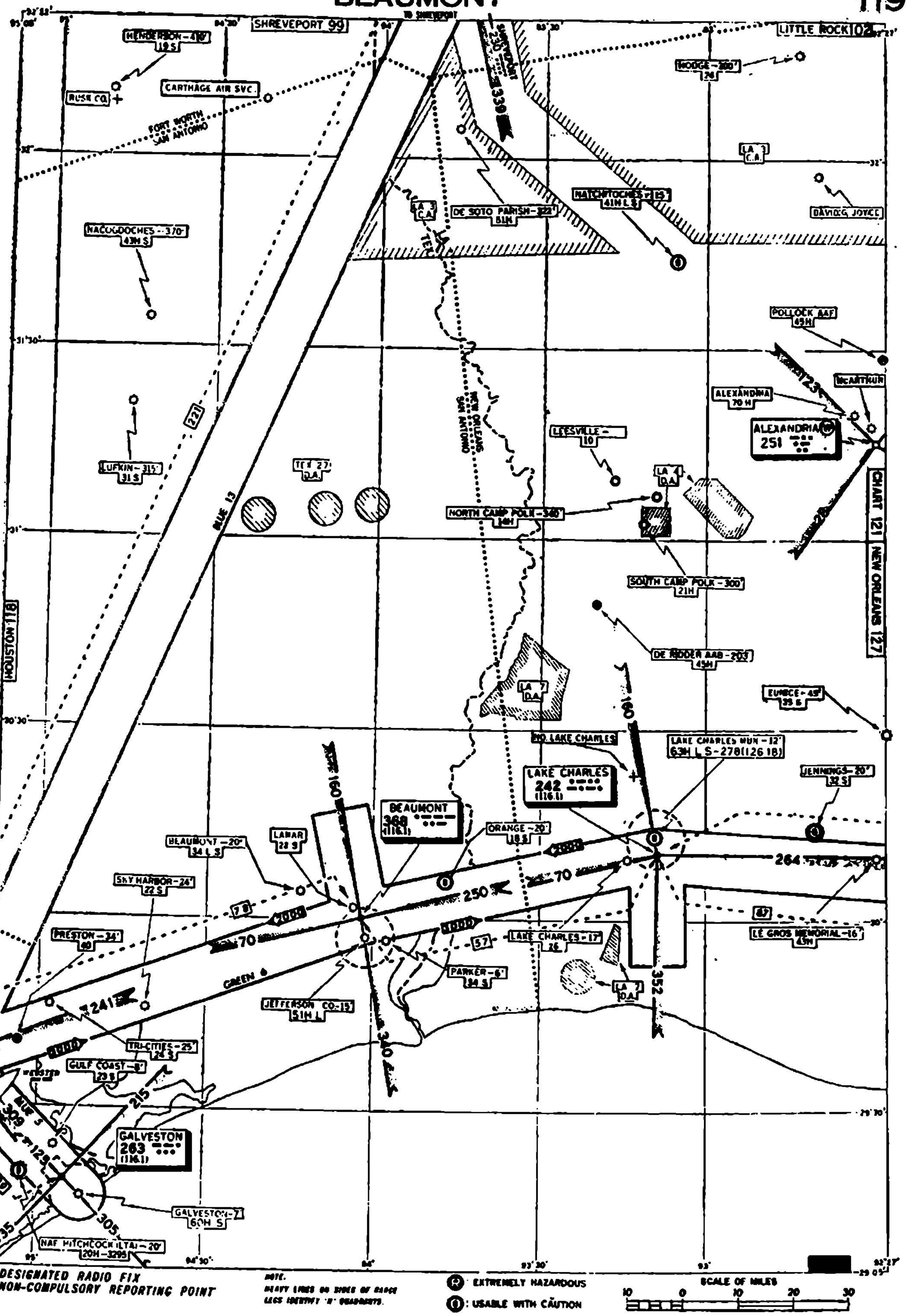
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X11) NC-(not charted). → NEW OR REVISED DATA.

TEXAS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Groesbeck	1.5 E;RR W	477	21 S1	73 oct.
Haile (Austin)	4.1 NE;RR E	725	23 S6	80,91 oct. Poles ESE.
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	
Hearne	Adj E;RR E,NE	350	21 S1	80 oct. Data unver.
Hefner (El Campo)	1.5 WSW;RR SE	104	21 L S2	80 oct.Port rnwy lgts. Pole line S,SE.
(N) HOUSTON	9 SSE;hwy W	50	47h R2 L6 S6	73,80,91 oct; 100 oct. army NATS
Jackson(Cypress)	4 SE;hwy S	145	25 S6	80 oct.
Jacksonville	3 N;RR E	500	26 S6	73,80 oct. Pole line ENE.
Killeen	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Louise	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
Luling	1.1 SE;hwy NE	418	21 S1	80 oct.Polelines sur fld.
Madisonville Emergency (NC)	0.8 NW;hwy E	400	18	
Main Street (Houston)	6.5 SW;hwy SE	50	22 S6	80 oct.
Mexia	1 SE;RR NW	550	24 S2	80 oct.
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct.
(P) Montgomery Co.Arpk. (Conroe)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct.No flood lgts rnwy lgts prior req.
* Navasota Int,10,GS-WC	2.5 ENE;RR NNW	331	30 L3	
Newland (Waco)	4.5 SSE;RR NE	410	25 S6	80,91 oct.
(P) Palestine	4.5 WNW;hwy N	410	40h L5 S6	80,91 oct.
* Parker Int,48,II-FV	0.6 N;hwy W	847	31 L3	
(P) POUNDS (Tyler)	5.5 W;hwy N	543	51h R1 L5 S1	80,91 oct.Ctc lgts prior req
Riesel (Waco)	10.5 SE	371	51	
ROBERT MUELLER (Austin)	3.5 NE;RR SW	620	46h R2 L5 S6	80,91 oct; 100 oct Army.
St.Edwards(Austin)(NC)	3.5 S	700	22	
Sam Houston(Houston)	10.5 SW;RR S	60	30 S6	73,80 oct.
Sam Houston State College (Huntsville)	2.5 NW;RR E	401	24 S2	80 oct.
Schulenburg	2.2 N;hwy W	344	20 S4	73 oct. Pole line W.
Scott (Gatesville)	1.8 E;hwy N	780	25 S1	80 oct. Pole line NW.
Seventy-Five(Corsicana)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Skyport (Houston)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston)	6 ENE;RR N	60	30 S4	80 oct.
Stephens (Marlin)	2 ESE;RR N,SSW	318	19 S2	80 oct.Cattle on fld.Pole W
Stewart (Tyler)	2.5 E;hwy N	520	25 S6	80 oct. Poles W.
Taylor	2.2 WNW;RR S	520	24 S4	73 oct.
Temple	See Draughon-Miller under "New Airports" - name changed			
Temple,40,II-FV	See Woodson under "New Airports" - name changed			
Waco	7 NNE;bet RRs	470	63h	ARMY TEMP INACT.
(A) WACO MUNICIPAL	6 NW;lake S	510	57h R1 L5 S6	80,91,100 oct.CIVIL FACS.
(A) Waco #5 (Prairie Hill)	2 S;hwy N	560	40h	(A) CLOSED
(P) Wharton	1.8 ENE;RR N	100	45 S2	80 oct.
Yoakum	4 N;hwy W	375	20 S6	80 oct.
* Yoakum Int,7,II-HU	5 NW;hwy S	387	39 L3	
NEW AIRPORTS				
(P) Draughon-Miller (Temple,Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct.No flood lgts.Ctc lgts on req.
Woodson,(Temple,Tex.)	2 NNW;hwy SW	763	28h L3 S4	80 oct.


TO WAXAHACHIE
SHREVEPORT 99
FORT WORTH 95
ENNIS 18 S
SCALE OF MILES
10 0 10 20 30
CLEBURNE NORTHWEST - 780' 19 S
PARKER - 847' 31 L
CORSICANA COM - 400' 26
BYRN'S SKY RANCH
75' - 480' 21 S
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'H' QUADRANTS.
POUNDS - 543' 51H S
STEWART - 520' 25 S
CORSICANA MUN. - 448' 20H S
WACO MUN. - 510' 57 H L S
WACO 385 (111.1,116.1)
WACO NO 5 - 560' 40H
WACO - 470' 63 H
JACKSONVILLE - 500' 26 S
BLACKLAND NO 1 - 575' 55H
GAGE
MEXIA - 550' 24 S
FORT WORTH SAN ANTONIO
PALESTINE - 410' 40H L S
SCOTT - 780' 25 S
GROESBECK
NEWLAND - 410' 25 S
RIESEL - 371' 51
CAMP HOOD AAF - 920' 36 S
STEPHENS 19 S
DRAUGHON-MILLER 54H L S
HAMMOND - 393' 30 L
MILLEEN - 833' 13 S
WOODSON 28H L S
HEARNE
COULTER - 360' 22 S
SAM HOUSTON STATE COLLEGE - 401' 24 S
GEORGETOWN 41H L S
NAVASOTA 212
MONTGOMERY CO. 46H S
HAILE - 725' 23 S
ROBERT MUELLER - 620' 46H L S - 272 (118.71)
BRYAN AAF - 264' 55 H
EASTERWOOD - 320' 52H S
NAVASOTA - 331' 30 L
AUSTIN 281 (116.1)
BERGSTROM AAF - 494' 70H L S - 396 (126.18)
CYPRESS
JACKSON 25 S
ERWIN NEWMAN - 50' 28 S
SKYPORT - 46' 32 S
MAIN STREET - 50' 22 S
HOUSTON 332 (116.1)
SAM HOUSTON - 60' 30 S
FAURIE - 340' 18 S
SCHULENBURG - 344' 20 S
LULING 21 S
WHARTON - 100' 45 S
RICHMOND 391
YOAKUM 236
YOAKUM - 375' 20 S
HEFNER - 104' 21 S
MINOR STEWART - 58' 20 S
YOAKUM - 387' 39 L
HOUSTON - 50' 47 H S - 278 (118.5,126.18)
LOUISE - 120' 24 S
CUERO - 195' 53
ELLINGTON AAF - 39' 52 H L S
DAMON - 60' 22
TO PALACIOS
CORPUS CHRISTI 114
OVER
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

BEAUMONT


SHREVEPORT 99
HENDERSON - 410'
11 S
RUSK CO
CARTHAGE AIR SVC.
FORT WORTH
SAN ANTONIO
LITTLE ROCK 102
HODGE - 300'
24
LA
C.A.
NACOGDOCHES - 370'
43H S
DE SOTO PARISH - 322'
81H
NATCHITOCHES - 15'
41H L S
DAVIDSON JOYCE
POLLOCK AAF
69H
ALEXANDRIA
70 H
McARTHUR
ALEXANDRIA
251
LUFKIN - 315'
31 S
LEESVILLE -
10
NORTH CAMP POLK - 340'
14H
SOUTH CAMP POLK - 300'
21H
CHART 121 NEW ORLEANS 127
CHART 118 HOUSTON
DE RIDDER AAB - 209'
45H
EUNICE - 45'
35 S
NO LAKE CHARLES
LAKE CHARLES MUN - 12'
63H L S-27B(126 18)
LAKE CHARLES
242
(116.1)
JENNINGS - 20'
32 S
BEAUMONT
368
(116.1)
BEAUMONT - 20'
34 L S
LAMAR
28 S
ORANGE - 20'
18 S
SKY HARBOR - 24'
22 S
PRESTON - 24'
40
LAKE CHARLES - 17'
26
LE GROS MEMORIAL - 16'
45H
PARKER - 6'
34 S
JEFFERSON CO - 15'
51H L
TRI-CITIES - 25'
24 S
GULF COAST - 8'
29 S
GALVESTON
263
(116.1)
GALVESTON - 7'
60H S
NAF MITCHEL FLD - 20'
20H - 3295
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BLACK
LEGS IDENTIFY 'R' BOUNDARYS.
EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

RADIO — LOUISIANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	251 (DAI)	SMRAWZ,310°,5.7	
LAKE CHARLES	242(LC)(116.1)	SBRAZ-DTV	(4); 116.1
Lake Charles AAF	278 (126.18)	CA; 340°, 2.5	(4)
TEXAS			
BEAUMONT (Jefferson County)	369(JU)(116.1)	BMRLZ-DTV,160°, 3.7	(4); 116.1
GALVESTON	265(GB)(116.1)	SBMRLZ-DTV, 125°,4.2	(4); 116.1
HITCHCOCK NAF-LTA	3295	CN	3105,6390 (days)
WEBSTER FM	(- -)	FM, 129°	Houston

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; 2-VHF Range Station Location Marker; (3)-2165, 4495, 6210 kcs; (4)-2165, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.85, 149.55 mcs.

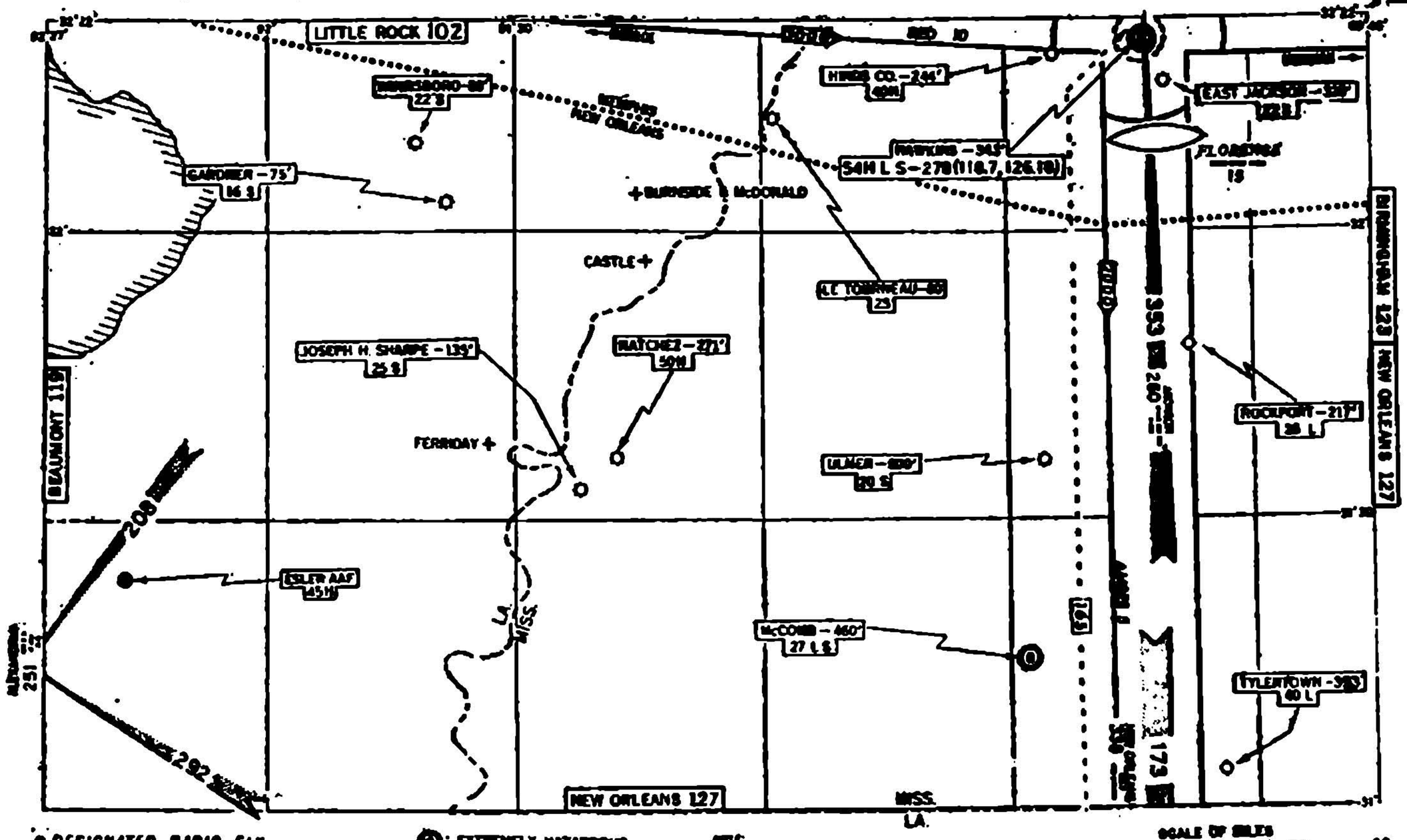
AIRPORTS — LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
ALEXANDRIA	5.5 W;riv 2 N	88	70h L5 S1	80,91 oct.
De Quincy (NC)	1.5 SW;RR NW	78	24	Cattle on fld.Trees N,E.
(P) De Ridder	3.5 WSW;RR S	203	45h	
(P) De Soto Parish (Mansfield)	4.3 NW;hwy S	322	51h	
Hart (Many) (NC)	1.8 SSW;RR E	242	24	Trees NNE.
Hodge	0.5 ENE;hwy NW	300	24	Cattle on fld.
Jennings	1.4 NNW;RR SW	20	32 S2	80,91 oct. Pole line E.
Lake Charles	5.2 SSW;hwy N	17	26 S6	80 oct. Pole line N.Rnwy data unver.
(A) LAKE CHARLES mun.	4 ESE;RR NE	17	63h R2 L5 S6	100 oct. IP-1. No sto. NO CIVIL FACS.
(A) Leesville Landing Strip (A)	2 NW		10	L-type acft.
(P) Le Gros Memorial (Crowley)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
McArthur (Alexandria)	2.8 W;hwy E,N	86	12 S1	Ltd 80 oct. Trees N,S.
(P) Natchitoches	1.5 SSW;RR E	115	41h L5 S6	80 oct.,ltd 90 oct. Ctc lgts prior req.No bcn.
(A) North Camp Polk Landing Strip (Camp Polk) (A)	6 NE	340	14h	
North Lake Charles (Lake Charles)	10 N;hwy NE		50 S4	80,91 oct. No sto.Data unver.
Oakdale (NC)	3 W;hwy N	123	27	Trees WSW,ENE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) NC-(not charted). → NEW OR REVISED DATA.

LOUISIANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Pollock AAF (A)	4.5 SW	211	45h	CLOSED
(A) South Camp Polk Landing Strip (Camp Polk) (A)	Adj E	300	21h	
TEXAS				
Angelina Co.(Lufkin) (NC)	7.5 SSW;RR W	288	42	Cattle on fld.
Beaumont	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior request.
Carthage	2 E;hwy N	320	18 S1	Ltd 80 oct.
Carthage Air Service	1.3 W;hwy N,S	310	30 S2	80,91 oct. Pole line N. Trees E,W.
GALVESTON	3.5 WSW;gulf S	7	60h R1 S6	80,91 oct.
Gulf Coast (Texas City)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct.No sto.Pole line N.
Henderson	2.1 WNW;hwy S	410	19 S2	73 oct.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h R1	
Humphrey (Goose Creek)(NC)	4 NNE;RR E	34	24	Pole line NW,W.
(P) Jefferson Co.(Beaumont)	9.8 SSE;hwy NE	15	51h R1 L5	
Lamar (Beaumont)	4 SE;riv NE	17	22 S4	80 oct.No sto,Pole line N,S.
Lufkin	2 NW;hwy N	315	31 L1 S6	73,80 oct.
(P) Nacogdoches	4 WSW;hwy E	370	43h S5	80,91 oct.
Orange	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur)	4 NW;RR NE	6	34 S6	80 oct.
(A) Preston (Houston) (A)	2.5 WNW of La Porte	34	40	CLOSED
Richter (Kirbyville) (NC)	1.5 S;RR E	175	16	
Sky Harbor (Anahuac)	0.3 S;hwy N	24	22 S1	80 oct.
Tri-Cities (Goose Creek)	2.6 N;RR E	25	24 S2	80 oct. Pole line SE.
NEW AIRPORTS				
David G. Joyce (Winnfield,La.)	3 NW;hwy E	130	16 S1	80 oct. Trees N.
(P) Rusk Co. (Henderson,Tex.)	2.5 WSW;hwy N	440	30h	



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

(E): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

NOTE:
BEAM LINES ON EDGE OF CHART LESS ACCURATE BEYOND "U" BOUNDARY.

LOUISIANA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Burnside & McDonald (Newellton)	1 WSW	77	50	Data unver.
Castle (St. Joseph)	2 N	75	20 S4	80 oct. No sto.Data unver.
Esler (Alexandria)	11 NE;BayouS	92	45h	CLOSED.
Ferriday	1 N	55	18	Data unver.
Gardner (Gilbert)	1 E;hwy S	75	16 S1	Ltd 73 oct.
Winnsboro	1.2 ESE;RR SW	80	22 S1	80 oct.

MISSISSIPPI

East Jackson (Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N.
Hinds County (Jackson)	12.8 W	244	40h	
JACKSON Tower (A,N) [Jackson]	See Hawkins under "New Facilities"-name changed			
Joseph H. Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
LeTourneau (Yokena)	2.5 NW;riv W	80	25 L2	Lgts prior req. Caution-wet.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req. Obsts sur fld.
(P) Natchez	7.1 ENE;RR S	271	50h	
* Rockport Int, 12, NO-LS	1.5 E; riv W	217	28 L3	
* Tylertown Int, 7, NO-LS	6 SE; road E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. Pole line W.

NEW FACILITIES

HAWKINS Tower	278 (126.18, 118.7)	173°,2.4	C	(4);126.18.118.7.122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank, stack E.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker; (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page IX)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

BIRMINGHAM

ALABAMA

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEVATION	CLASS	REMARKS. FREQS. GUARDED. HRS. OF OPERATION
Autaugaville(Selma)	20.5 W	100	73	
→ BIRMINGHAM Range	224(BH)(116.1)	178°, 3.0	SBRAZ-DTV	(3);116.1,122.1
BIRMINGHAM Tower	278(126.18, 118.3)		AC	(4);122.5,126.18,118.3
(A) [Birmingham]	5.5 NE;RR S	643	57h R2 L5 S3	73-100 oct.JP-1.Rdo rec
Central Park (Birmingham)	5.2 SW;RR E	500	29 S6	80 oct.No sto. rqrd.
Columbiana	1.5 WNW	514	23	Lgt acft only.
CRAIG Army Range	272 (DPP)	320°, 2.5	BMRLZ	(3); 126 18
CRAIG Tower	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma)(A)	4.8 SSE	166	53h R2 L5 S6	91,100 oct.
Cullman	5 SSE;RR E	740	15 S2	73 oct.
Dallas (Selma)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery)	7.5 SW;RR E	219	40h S1	80,91 oct.
(P) Demopolis	7.8 WSW	198	50h	Riv NW
(A) Elmore(Montgomery)	10 N;hwy N	203	45	CLOSED (A)
Eutaw	2 SE;hwy N	160	23	Pole line W.
Foster (Tuscaloosa)	5.5 S	236	32 S4	Ltd 73 oct.Pwr line E
(A) Furniss (Selma)(A)	10 SSW	145	40	CLOSED
★ Gainesville Int, 55, FV-AG	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton)	2.2 NE;creek S	571	29 L3 S2	80,91 oct. Hill E
Greenville,24,NO-AG	5.5 WNW	561	26 L2 S4	80 oct. Hwy S.
(A) Henderson (Selma)(A)	29 SW;riv W	170	40	CLOSED
MAXWELL Army Range	362 (DXW)	86°, 2.0	SBRAZ	(4)
MAXWELL Tower	396(126.18)+		CA	(4); 126.18
(A) Maxwell (Montgomery) (A)	3 WNW	167	70h R2 L5 S6	73,91,100 oct.No sto. IP-1
(A) Mollette(Selma)(A)	16.2 SSW	150	40	CLOSED
Roberts(Birmingham)	3 W;RR N	610	39	
Selma-Selfield(Selma)	4 ENE;RR S	130	40h	
TUSCALOOSA H Fac.	206(TU)(116.1)		MHTV	(4); 116.1
Tuscaloosa,59,FV-AG	See Van de Graaff under "New Facilities"-name changed.			
Walker Co.(Jasper)	2.5 NNE;RR W	527	31 S2	80 oct.

MISSISSIPPI

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEVATION	CLASS	REMARKS. FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson)	11.5 NE;riv SE	335	40	73 oct.
★ Batesville Int, 29, NO-LS	3 W;hwy SE	205	25 L3	Poles N, lgtd.
→ Bonita (Meridian)	2.5 ENE;hwy N	329	20 S1	80,91 oct.
(P) Carroll Cone(Tupelo)	3 W;hwy S	338	37 S1	80 oct.
(A) Columbus AAF (A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
East Jackson(Jackson)	3.1 SSE;hwy NW	310	22 S6	80 oct. Trees N
Eupora	1 NE;hwy S	325	15 S2	80 oct. Hill NW.
Forest,46,FV-AG	1 W;RR S	512	28 L3 S1	80 oct.
GREENWOOD Range	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood] Mun.	2.3 SW;RR SE	129	40h R1 L5 S2	80,91 oct.P-line E,SE
(A) Greenwood AAF(A)	5.8 ESE;hwy N	162	50h	CLOSED
Grenada	3 N;RR S	207	50h L5 S2	80,91 oct.Ctc lgts on req
Houston	1.5 SW;hwy SE	342	28	Trees W,SE,N;bldg SE.
JACKSON Range (Hawkins)	260(JA)(116.1)	173°, 2.4	SBRAZ-DTV	(3);116.1,122.1
JACKSON Tower (A,N) [Jackson]	See Hawkins under "New Facilities" - name changed			
(P) [Key](Meridian)	3.5 SW;RR E	297	50h R1 L5 S4	80,91 oct.Ctc lgts prior request.
Lauderdale Civil (Meridian)	9 NNE;hwy E	310	32h	
Lee (Canton)	1.4 WNW;RR E	300	38	Tank E
Louisville Air Svc.	3.9 S;RR W	500	16 S1	80 oct. Pole line S.
Masonic(Columbus)	3.9 ENE;hwy S	200	28 S2	80 oct.
→ MERIDIAN Range (Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4);116.1,122.1
North Jackson Arpk (Jackson)	7.5 NE;hwy E	300	25 S4	80 oct.No sto.Trees S.
O'Keefe(Newton)	1.5 ESE;RR N	363	26	Trees NE,SE,NW. UNUSABLE.
Oktibbeha (Starkville)	7.5 ENE;hwy E	326	30 S6	73 oct.
(P) Oxford	8 S;riv N,W	400	30 S2	73 oct.
Philadelphia Arpk	2 SE;hwy NE	510	24 S4	80 oct. Data unver.
★ Rockport Int, 12, NO-LS	1.5 E;riv W	217	28 L3	
(A) Starkville (A)	2 SW	325	50h	CLOSED
(A) Stinson(Aberdeen)(A)	3 NW;hwy NE	239	30	CLOSED
Winona	1.3 SSE;RR W	370	29 S4	73,91 oct. Lgt acft only Rnwy data unver.
★ Zeiglerville Int,19, NO-LS	3 SW;riv N	248	26 L2	Twr SE.Trees E,S,SE.

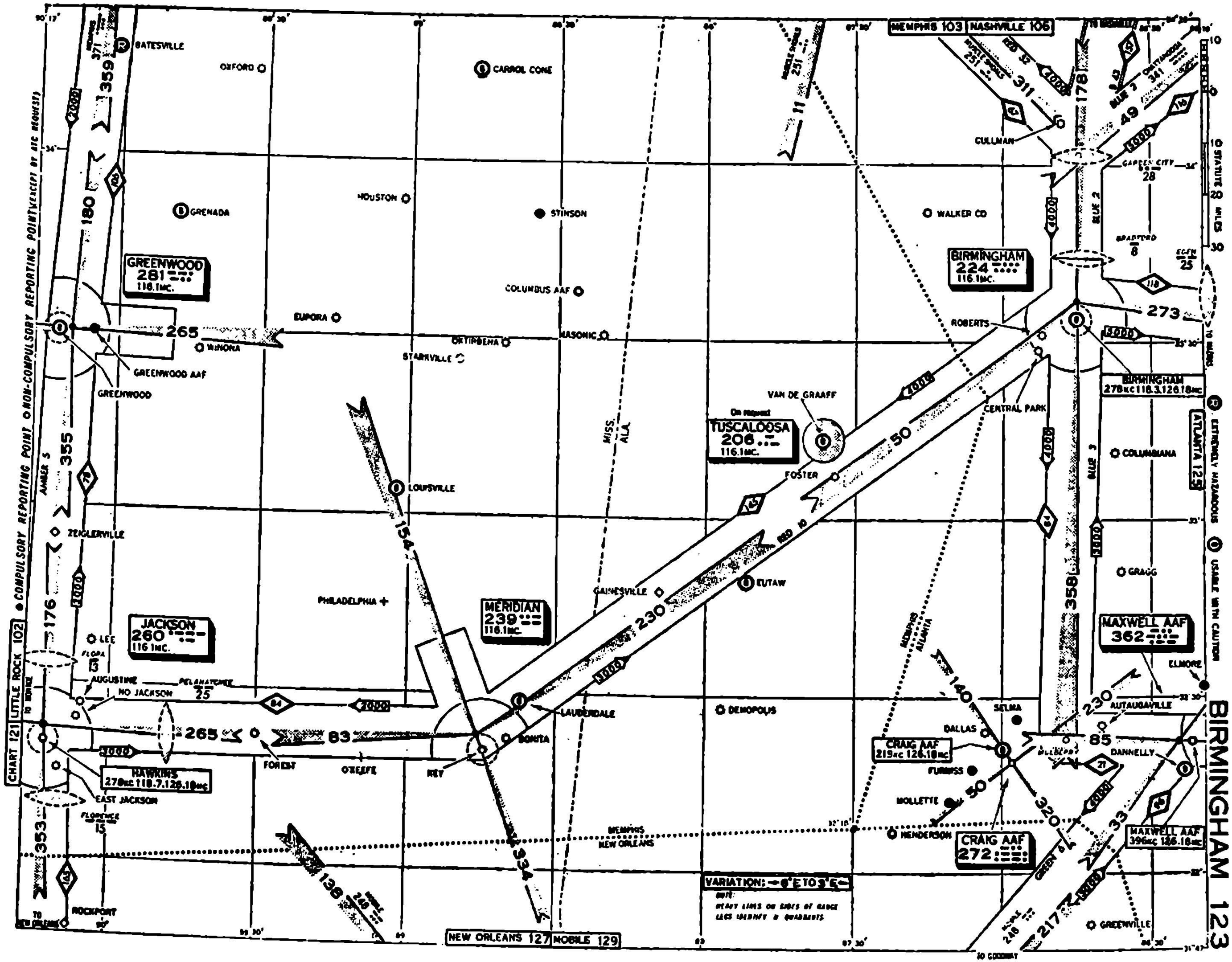
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

HAWKINS Tower	278 (126.18, 118.7)		C	(4);126.18,118.7,122.5
(A,N) [Hawkins](Jackson, Miss)	3 NW;RR SW	343	54h R2 L6 S6	80,91,100 oct. Tank, stack E.
Van de Graaff,59, FV-AG,(Ala.)	3 NW;RR N	172	52 R1 L3 S6	80,91 oct.Pole,trees N.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities, L-lighting facilities. S-servicing (see page x10)
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


BATESVILLE
OXFORD
CARROL CONE
MEMPHIS 103 NASHVILLE 106
GULLMAN
GARDEN CITY
GRENADA
HOUSTON
STINSON
WALKER CO
GREENWOOD
281
116.1mc.
COLUMBUS AAF
EUPORA
WINONA
ORTIBBEHA
MASONIC
STARKVILLE
GREENWOOD AAF
BIRMINGHAM
224
116.1mc.
BRADFORD
ROBERTS
BIRMINGHAM
278xc118.3,126.18mc
VAN DE GRAAFF
On request
TUSCALOOSA
206
116.1mc.
CENTRAL PARK
FOSTER
COLUMBIANA
ATLANTA 125
LOUPSVILLE
MISS. ALA.
ZEIGLERVILLE
GRAGG
PHILADELPHIA
MERIDIAN
239
116.1mc.
GAINESVILLE
EUTAW
MAXWELL AAF
362
ELMORE
JACKSON
260
116 1mc.
LEE
AUGUSTINE
NO JACKSON
PELAHATCHIE
LAUDERDALE
DEMOPOLIS
SELMA
AUTAUGAVILLE
DALLAS
CRAIG AAF
219xc 126.18mc
DANNELLY
BONITA
FOREST
O'KEEFE
REY
HAWKINS
278xc 118.7,126.18mc
EAST JACKSON
FURMOSS
MOLLETTE
HENDERSON
CRAIG AAF
272
MAXWELL AAF
396xc 126.18mc
MEMPHIS
NEW ORLEANS
VARIATION: 0° E TO 3° E
ROCKPORT
GREENVILLE
NEW ORLEANS 127 MOBILE 129
CHART 121 LITTLE ROCK 102 • COMPULSORY REPORTING POINT • NON-COMPULSORY REPORTING POINT(EXCEPT BY ATC REQUEST)
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
BIRMINGHAM 123

ATLANTA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
ALABAMA				
Albertville	1 NW;RR NE	1063	15 S1	80 oct.
Allenport (Montgomery)	4.3 SSE;RR W	175	30 S6	80 oct. Trees N.
Anniston	5.5 SSW	610	24 S3	80 oct. P-line W,lgtd.
(A) Anniston AAF (A)	15 SW;hwy N	527	53h	TMP INACT.NO FACS.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct.
Centre	0.6 NNW	720	22 S4	80 oct.SSE appch blckd.
Gadsden	1.9SW;hwy N	540	20 S2	80 oct. Fld rough.
GUNTER Tower	201		CA	4495 (Oper.on a variable schedule)
(A) Gunter (Montgomery)(A)	5 NE	225	35h R1	
Hurtsboro	2.5 SE;RR SW	349	23 S1	78 oct.
Moton (Tuskegee)	3 N;RR,riv E	269	40 S6	73-91 oct.No sto.Twr S.
Norman Bridge (Montgomery)	5.8 S;RR E	172	20 S4	73 oct.No sto. end.
Talladega	2.6 NE;RR SE	590	20	Pole line E,hill W.
Thomas C.Russell (Alexander City)	1.5 SW;hwy E	711	31 S5	80 oct.
(A) Troy (A)	4.8 NNW;rd E	393	50h	CLOSED
(A) Tuskegee AAF (A)	7.3 NW;RR S	253	50h	CLOSED
Tuskegee Institute #1	4 SSE;hwy W	322	19	
Weedon (Eufaula)	4.3 NNE;hwy E	275	28 S2	80 oct.
GEORGIA				
Allen (Buford)	1.5 S;hwy SW	1070	15 S1	80 oct.Pole line SW.
Americus	1.5 S;RR W	362	27	Trees E,W,NE.
Athens	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req.
ATLANTA Range	266(AG)(116.1)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower	278(118.7,126.18)		AC (ILS)	(4);126.18,118.7,122.5
(A) [Atlanta] (A)	8 S;RR N	1005	48h R3 L6 S6	73-100 oct.
ATLANTA Navy Range	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower	356 (142.74)		CN	3105,4495,3117.5;142.74
(N) Atlanta NAS (N)	8.5 NNE;hwy SE	1002	39h R2 (L6) S6	100 oct.
★ Butler Int,14,TJ-AG	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown	1 W;rd S	850	25 S4	80 oct.P-lines N,W.
City-Co.(Carrollton)	3.3 NE;hwy E	1200	12 S1	Ltd 73 oct.
Clevenger's Arpk. (Marietta)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct.No sto.Trees
(A) Cochran(Macon) (A)	10 S;RR E	354	50h	TMP INACT.NO FACS. NW.
★ Cochran,Int,50,MM-AG	5 NE;rd N	324	30 L2 S6	80 oct.Poles NW,NE,S, SE.
Columbus	1.5 SSE;riv SW	215	45 S4	80 oct.
(P) Cordele	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson)	2.5 S;RR E	950	27 L1 S1	80 oct. P-line SE.
(N,P) Dublin	4.5 WNW;hwy S	303	50h S1	73 oct. NATS (Hospital)
Elberton	2 SE;hwy W,N	710	16 S1	80 oct.Obst sur fld.
Felton (Cartersv'l)	2.5 N	790	23	Hills S,W,N;wires E,W
Gainesville	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct.Lgts on req.
Griffin	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
[Herbert Smart] (Macon)	4 ESE;hwy W	463	47h R1 L5 S6	80,91 oct.
Jackson Int,57,MM-AG	4.6 SW;rd S	716	30 L3	Barn E; bldg W.
→ JONESBORO K Fac.				DECOMMISSIONED
Kings (Milledgev'l)	1.5 NW;RR W	360	23 S4	80 oct. No sto.
(P) La Grange	3 SW;RR ESE	700	50h L2	
Lakewood(Atlanta)	4 S; lake SE	1026	16 S4	80 oct
LAWSON Army Range	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower	278 (126.18)+		CA	(3); 126.18
(A) Lawson(Columbus)(A)	9.5 S;riv W	232	59h R2 L5 S6	91,100 oct.No sto.
McRae,47,MM-AG	2 SE;RR NE	247	26 L3	
MACON Range (Herbert Smart)	209 (UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison	2 SSW;RR E	720	27 S2	80 oct.Pwr line SSE
MARIETTA AAF Twr	396 (126.18)		CA	3105,4495;126.1(8-20)
(A) Marietta AAF (A)	2.5 SE	1030	60h R1 L5 S4	100 oct. JP-1 fuel.
Montezuma	1.5 E;RR S,W	300	35 S1	Ltd 80 oct.
Morton (Palmetto)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
[Muscogee Co.] (Columbus)	5 NE;hwy E	386	40h L5 S6	80,91 oct.Fld lgts prior req.
Newnan Arpk.	3.7 SE;RR W	970	20 L1 S1	80 oct.
Parkaire (Marietta)	7.7 E;hwy SW	1100	22 S1	80 oct.
Red Dog (Cochran)	6.2 NW;RR W	300	22 S4	80 oct. Trees N,E.
Reginald Grant Memorial(Thomaston)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S
Ries (Macon)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. Trees NE.
ROBINS Tower	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins) (A)	1.5 NE of Wellston	295	70h R1 L5 S6	62,73,100 oct. JP-1.
Roosevelt (Warm Springs)	3.5 N;hwy W	870	22 S2	80 oct.Trees SE,SW, NW
Rockmart	2 ENE;RR W	800	20 S1	80 oct.P-line W.
Rome	3 NW;RR S	669	25 S6	80 oct. No sto.
(N) Russell (Rome)	7 N;hwy N	644	45h L5 S6	80,91 oct.Lgts prior req
Siloam Int,7B,AG-CS	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip
Souther (Americus)	4 NE;RR W	470	66	
★ Tallapoosa Int,73, FV-AG	5.5 SSE	1210	21 L3	Trees SE;house NW.
(A) Vidalia-Lyons (Vidalia) (A)	3.2 SE;hwy N	274	50h	TMP INACT.NO FACS
Washington	1.4 NW;RR SE	600	22 S1	80 oct.
★ Winder Int,4,AG-LG	1.5 NE;bet rds	950	30 L3	Trees, bldg N.
Woodbury	1.5 E	770	16 S1	Fuel. Data unver.
SOUTH CAROLINA				
Bentley (Calhoun Falls)	3 ENE;RR NNW	500	16	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
→ ATLANTA	109.9 ·–·. (W)	333.8	328° Mag.	IM- MM- ·–·+–(0.70) OM- ––(4.40) MMK-201 ·–··(0.70) OMK 219 ····(4.40)

NEW FACILITIES

→ Polo Airfld (Athens,Ga.)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
→ Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blocked.
→ Flying S Ranch (Villa Rica,Ga.)	1.7 NE	1040	17 S4	80 oct.No Sto.Rocks NE Data unver.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. • Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xii)

→ NEW OR REVISED DATA. (NC)-Not charted. . [Jones] Airline Stop

R: EXTREMELY HAZARDOUS (R): USABLE WITH CAUTION

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NASHVILLE 106 | KNOXVILLE 107

MOBILE 129 | JACKSONVILLE 133

BIRMINGHAM 123

CHARLESTON 131

VARIATION: 3°E TO 1°E

NOTE:
HEAVY LINES ON SIDES OF PAGE LEGS IDENTIFY 'R' QUADRANTS.

ALBERTVILLE
BLUE 2
RUSSELL
ROME
CENTRE
GADSDEN
CEDARTOWN
ROCKMART
FELTON
CHATTANOOGA 341
CLEVENGER'S
GAINESVILLE
NAS, ATLANTA (W) 323
WINDER
ALLEN
C.A.
GREEN 6
SPARTANBURG 248
S. CAR.
GA.
ELBERTON
BENTLEY
CRAWFORD W. LONG
MARIETTA AAF 396 KC, 126.18 MC
PARKAIRE
WAGES
SMYRNA 22
NAS, ATLANTA 356 KC, 142.74 MC
POLO
ATHENS
BOLD SPRING
EDEN 25
COBB
FLYING "S" RANCH
EAST POINT 7
D.A.
ANNISTON AAF
ANNISTON
TALLAPOOSA
LAKEWOOD
ATLANTA 278 KC, 118.7, 126.18 MC
CITY-COUNTY
STONE MOUNTAIN 17
WASHINGTON
RED 10
BIRMINGHAM 224
MORTON
JONESBORO 11
ATLANTA 266 116.1 MC
MADISON
SILOAM
TALLADEGA
MADRAS 23
NEWNAN
AUGUSTA 385
GRIFFIN
JACKSON
AMBER 6
KINGS
LA GRANGE
WOODBURY
ROOSEVELT
REGINALD GRANT MEM.
THOMAS C. RUSSELL
HERBERT SMART
MACON 209 116.1 MC
RIES
MAXWELL AAF 362
COCHRAN AAF
ROBINS AAF 284 KC, 126.18 MC
AUBURN-OPELIKA
MUSCOGEE CO.
TUSKEGEE AAF
MOTON
COLUMBUS
LAWSON AAF 278 KC, 126.18 MC
BUTLER
DUBLIN
RED DOG
TUSKEGEE INST. NO. 1
ALLENPORT
GUNTER AAF 201 KC.
COCHRAN
MONTEZUMA
HURTSBORO
LAWSON AAF 379
NORMAN BRIDGE
SOUTHER
AMERICUS
VIDALIA-LYONS
McRAE
CORDELE
WEEDON
TROY AAF
DOTHAN 233
ALBANY 254
ATLANTA
JACKSONVILLE
ALMA
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
TURNER NO. 1

ATLANTA 125

STATUTE MILES

NEW ORLEANS

LOUISIANA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(N) Alvin Callender (New Orleans)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (Harding)	347 (RX)	128°,3.4	MRLWZ	
Bogalusa	2.4 N;RR E	100	35 S6	73,80 oct. No sto. Poles
Chapman (New Orleans)	8.5 NE;lake N	4	22	15' trees NW S Cattle on fld.
* Covington Int, 3, NO-LS	6 NNE;hwy W	77	27 L3	Pole line W
* Donaldsonville Int, 26, HU-NO	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge)	4 E; hwy N,E	56	31 S4	80,91 oct. Pole line S.
(A) Esler (Alexandria) (A)	11 NE;Bayou S	92	45h	CLOSED
False River (New Rds)	1.5 W	30	25 S1	80 oct. Data unver.
Ferriday	1 N	55	18	Data unver.
Girard (Lafayette)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld
Grand Isle	2.6 NE;hwy NW	4	22	
(P) Hammond	2 ENE;RR S	40	50h	
[Harding] (Baton Rouge)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson)	2 WNW;bet RR & hwy	9	32 L2 S2	73 oct. No bcn. Lgts prior req. Pole line NW.
(N) Houma NAS (LTA) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia)	5 NW;RR NE	27	40h L1 S6	73-91 oct. Bcn prior req.
→ K-P (Covington)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac.	227 (UG) (116.1)		MHTV	(4); 116.1
Lafayette	1.5 SE;RR W	40	50h R1 L5 S5	80,91 oct. Pole line S
Menefee (New Orleans)	5.2 E; riv S	1	31	Pole line S
MOISANT Tower	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans)	11 W;riv S	3	70h R3 L6 S1	80,91,100 oct. Avail. only to Army, Navy, and Airlines NATS
NEW ORLEANS Range (Moisant)	338 (NO) (116.1)	271°,3.2	SBRAZ-DTV	(3); 116.1
NEW ORLEANS Tower	382 (126.18)		CA	(4); 126.18
(A) New Orleans	6.5 NNE;RR S	8	40h R1 L5 S4	91,100 oct.; 100 oct. Army FEE
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS → (N)	4.6 N;on lake	7	34h R1	100 oct. Tower NE.
(P) Opelousas	1.5 NE	35	18	Data unver.
Pike Burden (Baton Rouge)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia)	2.6 N;hwy W	21	18	Poles W, WSW. Cattle on fld.
Winnsboro	1.2 ESE;RR SW	80	22 S1	80 oct.

MISSISSIPPI

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS, FREQS GUARDED, HRS OF OPERATION
Ellisville	1.3 SW;RR SE	240	18	
Glendale (Hattiesburg)	5 NNW;hwy E	200	26 S3	80 oct.
(A) Gulfport AAF (A)	3.4 NE	27	70h	CLOSED
Gulfport, mun.	1.3 N;RR E	30	22 L1 S1	80 oct Twrs SE,NNE, lgtd.
(A) Hattiesburg AAF (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW CLOSED
Joseph H Sharpe (Natchez)	1.8 ESE;RR S	135	25 S2	73 oct.
KEESLER Army Rng	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower	201 (126.16)		CA	(4); 4220
(A) Keesler (Biloxi) (A)	2 WNW;bay N	26	66h R2 L5 S5	73,91,100 oct. Rdo rqrd ngts.
Laurel	3 W;RR SE	235	50h L S4	80,91 oct. Port rnwy lgts.
McComb	1.3 NW;hwy E	460	27 L3 S6	80,91 oct. No bcn; lgts prior req Obsts sur field.
McLaurin	1 NNE;RR W	350	24 S4	73 oct Lgt acft only.
(P) Natchez	7.1 ENE;RR S	271	50h	
Picayune	2.3 NNE	92	30 S4	73 oct. No sto. Trees N, SW
* Tylertown Int, 7, NO-LS	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven)	1.5 NNE;RR W	500	20 S4	73 oct. No sto. P-line W.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→MOISANT	109.9 (W)	333.8	100° Mag.	IM- ····· (0.05)	MM-	OM- -- (4.30)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page X10)
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

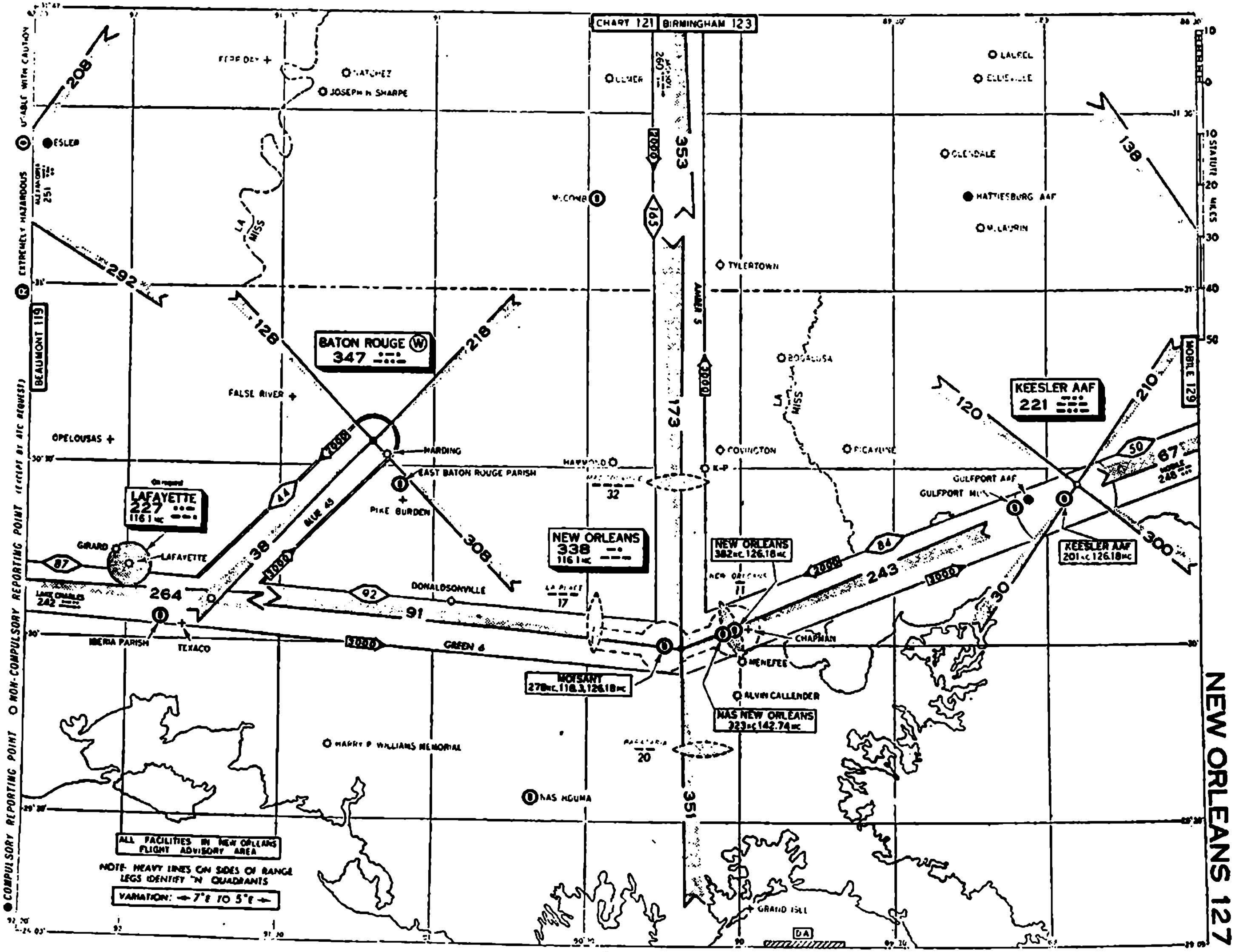


CHART 121
BIRMINGHAM 123
NEW ORLEANS 127
CAUTION
EXTREMELY HAZARDOUS
ESLER
BEAUMONT 119
FERRIDAY
NATCHEZ
JOSEPH H SHARPE
LA MISS
208
292
128
218
353
173
351
138
120
210
300
243
264
91
44
38
308
30
BATON ROUGE (W)
347
LAFAYETTE
227
1161
NEW ORLEANS
338
1161
KEESLER AAF
221
NEW ORLEANS
382 126.18
KEESLER AAF
201 126.18
MOBILE 129
HATTIESBURG AAF
TYLERTOWN
COLLINS
LAUREL
ELLISVILLE
GLENDALE
M. LAURIN
BOGALUSA
COVINGTON
PICAYUNE
GULFPORT AAF
GULFPORT MIL
HARDING
EAST BATON ROUGE PARISH
PIKE BURDEN
FALSE RIVER
OPELOUSAS
GIRARD
LAFAYETTE
DONALDSONVILLE
IBERIA PARISH
TEXACO
GREEN 6
MORSANT
278 118.3 126.18
CHAPMAN
MENEFEE
ALVIN CALLENDER
NAS NEW ORLEANS
323 142.74
HARRY P WILLIAMS MEMORIAL
NAS HOUMA
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE- HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR.&DIST. ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
ALABAMA				
Andalusia	1.7 SSE; RR N	340	18 S1	80 oct.
* Atmore Int, 16, NO-AG	6 NW;at rd int.	287	31 L3	
→BARIN NAAS (EAST) Tower				DECOMMISSIONED
(N) Barin NAAS-East (Foley)(N)	2.7 ESE	51	41h	INACTIVE
→BARIN NAAS (WEST) Tower				DECOMMISSIONED
(N) Barin NAAS-West(Foley)(N)	2.7 ESE	72	34h	INACTIVE
[Bates](Mobile)	10 W; rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (new)	3.5 S; riv N	92	40h	
Brewton (old)	2.5 N; hwy E	100	23	UNUSABLE
BROOKLEY Tower (Mobile)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile)(A)	3 SSW;RR NW	26	39h R2 L5 S4	62,73,91,100 oct. JP-1.
(N) Canal OLF (Foley) (N)	8 S; rd W	16	36h	
Chastain's (Prichard)	2.5 NW;RR E	50	17 S1	80 oct.
Davis (Mobile)	12.1 WSW;RR E	180	23 S1	73 oct.
DOTHAN Range	233 (NI)(116.1)	47°,3.7	SBRAZ-DTV	(4); 116.1
[Dothan]	3 WNW;hwy SE	330	40h R1 L5 S6	80,91 oct. No sto.No flood lgts
Enterprise	0.5 NE	355	22	
(N) Faircloth (Lillian)OLF (N)	3 NW;bay E	70	37	
Headland	2 NE;hwy N	350	48	
(N) Kaisers Tract OLF (Elberta)(N)(NC)	3.3 ENE;hwy S	90	25	
Luverne	1.7 NNW;RR E	300	20 S1	73 oct. Pole line W.
(N) Magnolia OLF (Foley) (N)	5.4 NW	83	29h	
(P) Middleton (Evergreen)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
MOBILE Range (Brookley)	248 (MS)(116.1)	138°,3.2	SBRAZ-DTV	(4); 116.1
(A) Napier (Dothan) (A)	7.5 NW;RR S	397	45h	CLOSED
(A) Ozark AAF (A)	12 SSW	305	46h	TMP INACT.NO FACS.
(A) St. Elmo (A)	1 WSW;RR S			ABANDONED
(N) Silverhill OLF (N)	3.5 WNW	129	30h	
Southern Airmotive (Dothan)	2 SE;RR W	322	27 S4	80 oct. Twr NW.
(N) Summerdale OLF (N)	3.5 ENE;RR W			ABANDONED
(N) Wolf OLF (Josephine)(N)	1.5 N;bay E	54	30h	
FLORIDA				
(A) Alliance #4 (Marianna)(A)	14 SE	215	50h	CLOSED
(A) Apalachicola AAF (A)	2 W;RR N	19	53h	CLOSED
(N) Bagdad OLF (Pensacola)(N)	14 NE;RR SE	111	18h	Use rnwys.
(A) Bascom (Marianna)(A)	15.5 NE	120	50h	CLOSED
(N) Bronson NAAS (Pensacola)(N)	12 WSW;bay W	27	44h	INACTIVE.
(A) Carrabelle Flight Strip (A)	2.6 W;hwy S	20	40h	CLOSED
Chipley	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola)(N)	15 ENE	111	40h	
CRESTVIEW Range	350 (HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX	2.5 N;RR E	274	33 R1 L2 S6	80 oct. No sto.
De Funiak Springs	1 W; RR N	197	25 S1	80 oct. Pwr line N.
EGLIN Army Range	209 (DVQ)	175°,3.6	MRLPZ	Rng cont.;(3);126.18 (6-24)
EGLIN Tower	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso) (A)	1.8 SW;hwy SE	71	80h R2 (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna)	9.5 N; riv W	116	50h	
(N) Ellyson NAAS (Pensacola) (N)	7.5 NNE;bay E	115	38h	INACTIVE
Gulf Arpk (Pensacola)	3 NW		17	Data unver.
(N) Helm OLF (Pensacola)(N)	12 NW			ABANDONED
(N) Holley OLF (N)	1.5 S;riv N	37	36h	
(A) Malone #2 (Marianna)(A)	15.5 N	154	50h	CLOSED
(P) Marianna	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Milton "T"	3.5 ENE;RR S	150	53 S3	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR.&DIST ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
FLORIDA				
Panama City	5 NW;bay N,S,W.	5	19 S6	80 oct.
Pensacola Arpk.	5 NNW;hwy E		28 S1	80 oct.Allway fld.Data unver.
(P) [Pensacola]	4 NNE;bay E	121	50h R1 L5 S6	80, 91 oct.
PENSACOLA NAS-CHEVALIER Tower	382 (142.74)		CN	(4); 142.74 (sunrise-30 mins. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat.,Sun., and holidays)
(N) Pensacola NAS-Chevalier	5.3 SW;RR W	9	26h R1 L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)	244°,6.4	CN	3105; 142.74
(N) Pensacola NAS-Corry (N)	5 WSW;hwy SE	32	43h R1 L4 S6	91 oct. Obsts N,E,W.
(N) → " OLF #1 (N)	14 NW;riv 3 W	100	46	ABANDONED
(N) → " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED
(N) → " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED
(N) → " OLF #7 (N)	7 NW	103	37	ABANDONED
(N) " OLF #8A(N)	13 NW	100	73	
(N) → " OLF #9K(N)	11.5 NNW;RR E	110	50	ABANDONED
(N) Santa Rosa OLF (Milton)(N)	6 E;rivs N,S,W	150	45h	
SAUFLEY NAAS Tower	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola)(N)	8.5 WNW;bay SW	85	61h R1 L5 S4	87, 91 oct. NATS
(N) Spencer OLF (Pensacola)(N)	15 NNE;bay S	145	18h	
TYNDALL Army Range	203 (DKE)	313°,2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City)(A)	8 SE;Gulf SW	16	61h R2 L5 S6	73,91,100 oct.
WHITING Navy Range	524 (AWT)	130°,3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74
(N) Whiting NAS-North (Milton)	6 N	200	60h R2 (L6) S4	73,91,100 oct. (N)
→WHITING NAS-SOUTH Tower				DECOMMISSIONED.
(N) Whiting NAS-South (Milton)	5 N	178	60h	Use N Field. INACTIVE.(N)
GEORGIA				
Donalsonville	1 S	150	40h	
(A) Reynoldsville (A)	1.7 SSW	110	30h	CLOSED
MISSISSIPPI				
Jackson Co. (Pascagoula)	3.5 ENE;RR N	16	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

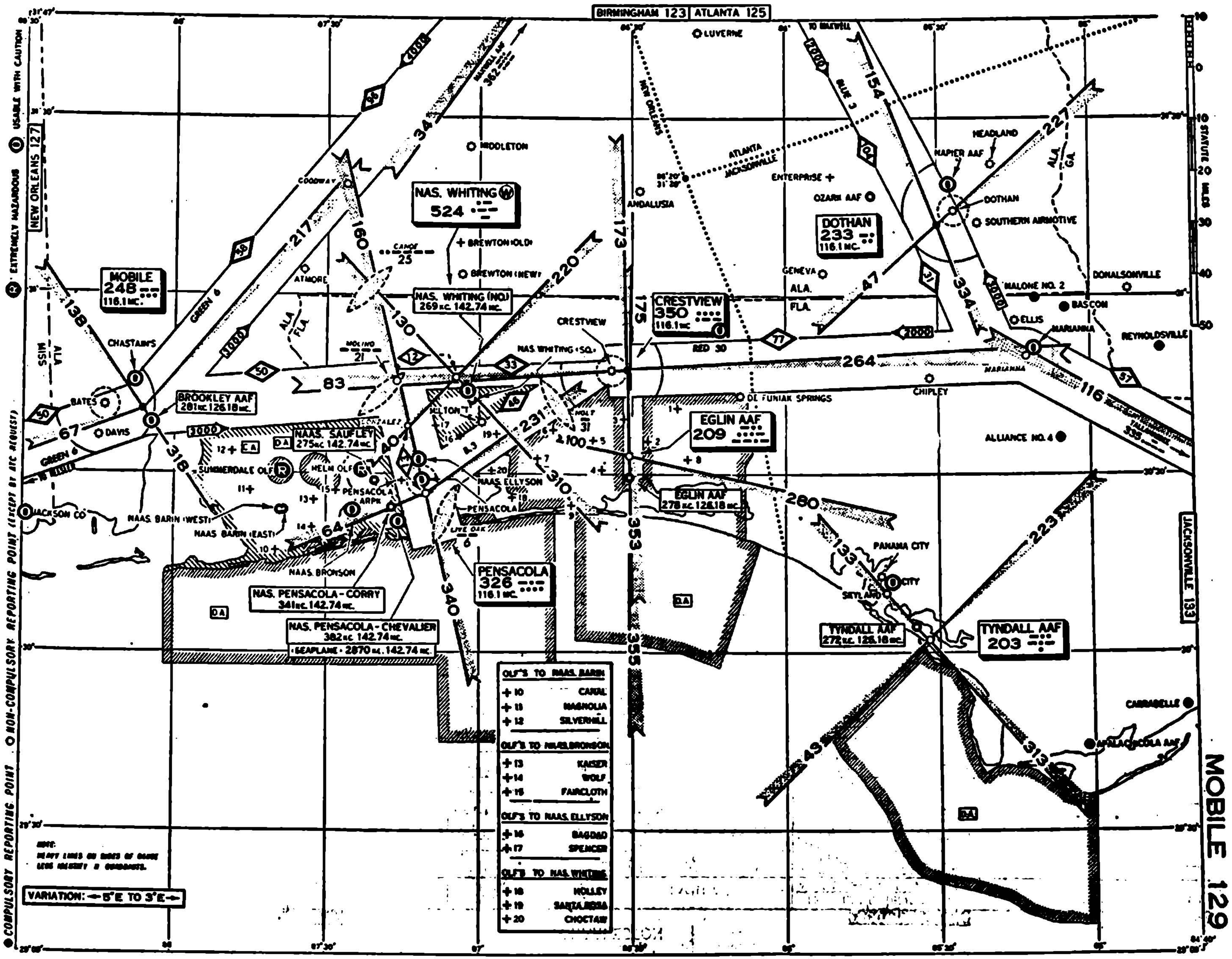
NEW FACILITIES

City Air Park (Panama City, Fla)	2.5 N	40	26 S6	80,91 oct. Data unver.
Geneva, (Ala.)	2.4 NW,hwy,RR S	88	23 S4	80 oct.
Skyland (Panama City,Fla.)	Within city W	12	20 S6	80 oct.No sto.P-line S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


BIRMINGHAM 123 ATLANTA 125
NEW ORLEANS 127
MOBILE 129
JACKSONVILLE 133
MOBILE 248 116.1 MC.
NAS. WHITING 524
NAS. WHITING (NOL) 269 KC. 142.74 MC.
CRESTVIEW 350 116.1 MC.
DOTHAN 233 116.1 MC.
PENSACOLA 326 116.1 MC.
EGLIN AAF 209
EGLIN AAF 278 KC. 128.18 MC.
BROOKLEY AAF 281 KC. 128.18 MC.
NAAS. SAUFLEY 275 KC. 142.74 MC.
NAS. PENSACOLA - CORRY 341 KC. 142.74 MC.
NAS. PENSACOLA - CHEVALIER 382 KC. 142.74 MC.
SEAPLANE - 2870 KC. 142.74 MC.
TYNDALL AAF 272 KC. 128.18 MC.
TYNDALL AAF 203
OLF'S TO NAAS. BARIN
+10 CARAL
+11 MAGNOLIA
+12 SILVERHILL
OLF'S TO NAAS. BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH
OLF'S TO NAAS. ELLYSON
+16 BAGDAD
+17 SPENCER
OLF'S TO NAS. WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW
VARIATION: 5°E TO 3°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
10 STATUTE MILES

CHARLESTON

GEORGIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
AUGUSTA Range (Daniel)	385 (VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Birdsville (Millen)	9.4 WNW;Riv S	200	22	
Bush (Augusta)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
(A) Chatham AAF (Savannah)(A)	7.5 NW;RR E	50	70h L5	TMP INACT. NO FACS.
DANIEL Tower	278 (126.18, 118.9)		C	(4); 126.18, 122.5
[Daniel] (Augusta)	2.5 W;RR S	420	42h R2 L5 S4	80,91 oct. Use rnwys only.
Hinesville	3 S; hwy W	55	24 S4	73 oct. No sto. Rdo repairs.
HUNTER Tower	278 (126.18, 118.7)		AC	(4); 122.5,126.18,118.7
[Hunter] (Savannah)	3.5 SW;RR yd NW	40	50h R2 L5 S6	80,91 oct. 144' twr,lgtd.
(P) Lindsey (Swainsboro)	2.3 S; RR W	300	30	Pole line E
SAVANNAH Range (Hunter)	263 (SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah)	8 ESE;hwy N	10	28 S6	73 oct. Trees NE, SW.
(A) Statesboro AAF (A)	3.8 NE;hwy W	180	54h	CLOSED
(A) Sylvania AAF (A)	7.5 SSE;hwy E	175	50h	CLOSED
West Savannah (Savannah)	3 W;RR W,N	42	22 S6	80 oct. Pole line NW.

NORTH CAROLINA

(P) [Bluethenthal] (Wilmington)	2.4 NNE;RR W	30	70h L5 S4	80,91 oct. Fld lgts prior req.
Carolina Beach	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Peltier (Wilmington)	6 ESE;ocean E	10	18 S1	80 oct. Pole line NNE,trees N,S,SW.
Whiteville	3.7 S; RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpt.	3 SE;hwy N	20	27 S4	80 oct. N and E blocked.

SOUTH CAROLINA

Aiken (old)	2 E;RR NNE	500	19 S4	80 oct. Trees SE.
(A) Aiken AAF (A)	6 NNE;RR SW	530	51h	CLOSED.
Barnwell	1 WNW;hwy E	235	50h	
(P) Beaufort	4 NW	38	60h S4	80 oct.
Carlisle (Bamberg)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Skyways (Charleston)	6 SSW;riv W	10	26 S4	80 oct.
CHARLESTON Range	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3,122.5
(A,N)[Charleston] (mun.)	9.8 NW;RR NE	45	70h R3 L6 S4	100 oct. Use rnwys only. ARMY TEMP INAC. CIVIL FACS.NATS(Hospital)
(N) Charleston (N)	4 N; riv E	13	17h	INACTIVE.
Clark (Charleston)	4 S; riv SW	6	21 S1	80 oct. Trees sur fld.
COLUMBIA Range (Owens)	227 (CI)(116.1)	330°, 1.9	SBRAZ-DTV	(4);116.1,122.1 VDT lctd
(N) Congaree (Columbia)(N)	15.5 ESE;RR S	237	45h	INACTIVE Lexington Co Arpt
(A) Coronaco AAF (A) (Greenwood)	3.8 N;RR E	629	50h	
Donald (St. Matthews)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE
Duke Field (Chadbourn)	1 N; RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill	2.5 SSW;RR E	135	25	
FLORENCE Range	239 (FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence	3.5 E;RR SW	146	60h R1 L5 S1	80, 91 oct.
Georgetown	1 NW; riv E	12	29 S6	80, 91 oct.
(P) Georgetown County	4 S; bay E	37	50h	
Greenwood	2.6 W;RR E	650	24 S6	73 oct.
Hartsville	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg)	5 S; RR E	195	47 S6	80, 91 oct. Tank N.
Huggins (Timmonsville)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW.
Jennings (Orangeburg)	2.3 S; RR E	190	25 S2	80, 91 oct. Pole line ENE.
(A) John's Island (Charleston) (A)	7 SSW; rd W	16	50h	CLOSED
* Lane Int, 24, JX-RW	3 S; RR W	72	34 L3	
LEXINGTON CO. Tower	396		C	(4) (8-24) (See Notice to Airmen Section)

SOUTH CAROLINA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Lexington Co. (Columbia)	7 SW; RR SE	233	56h R1 L5	
Manning (Allendale)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning	1.5 SE;RR NNE	125	20 S1	Ltd 80 oct.
MYRTLE BEACH Army Range	370 (DMB)	69°,4.4	BMRLZ	
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Myrtle Beach AAF (A)	3 WSW;hwy SE	24	50h R2 L5 S6	73,91,100 oct. No sto.
(A) North (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS.
North Augusta	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee)	3.5 SE;hwy SE	33	60h	
[Owens] (Columbia)	2.5 SE;RR SW	192	36h R1 L4 S6	80 oct. Tank WSW, twr SSE.
(N) Parris Island MCAS (N)	1.5 S	11	60h	INACTIVE.
Ridgeland	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SHAW Tower	272 (126.18)		CA	(3); 126.18 (7-24)
(A) Shaw (Sumter) (A)	7 WNW;RR W	236	45h R1 L5 S6	73, 91, 100 oct. JP-1.
(P) Sumter	1.5 NW;RR S	169	30 S6	80, 91 oct. Data unver.
Trenton	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston)	5.5 W;RRs N	12	20 S6	80 oct. Poles sur fld.
(P) Walterboro	1.3 NE;hwy SE	93	58h	
(P) Woodward (Camden)	2.9 NE;hwy E	300	30h S4	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147° Mag.	IM-	MM- ·-·- (0.64)	OM- — (4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Glenville, (Ga.)	2 SW;hwys N,E	175	32 S1	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

✚ Army A.C.S. transmits on and guards 116.1, 127.80, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xii)

NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

R: EXTREMELY HAZARDOUS ⓞ: USABLE WITH CAUTION

KNOXVILLE 107 | CHARLOTTE 110

CORONACA AAF
GREENWOOD
WOODWARD
HARTSVILLE MUN.
FLORENCE
DUKE
WHITEVILLE
LUMBERTON
N. CAR. / S. CAR.
WASHINGTON / JACKSONVILLE

COLUMBIA
227
116.1 MC.

SHAW AAF
272 KC. 126.18 MC

LEXINGTON CO
396 KC.

OWENS
HUGGINS
MOTBRIDGE
CONGAREE
SUMTER
RED 16

FLORENCE
239
116.1 MC.

OCEAN DRIVE

MYRTLE BEACH AAF
379

MYRTLE BEACH AAF
272 KC. 126.18 MC.

TRENTON
DANIEL
278 KC. 118.9, 126.18 MC

DONALD
MANNING
NORTH AAF
AIKEN AAF
AIKEN MUN.
NO. AUGUSTA.
JENNINGS
HAWTHORNE
ELLOREE
LANE
GEORGETOWN
GEORGETOWN CO.

BUSH
AUGUSTA
385
116.1 MC.

CARLISLE
BLUE 28
BARNWELL
RED 10

CHARLESTON
329
116.1 MC.

CHARLESTON MUN
278 KC. 118.3, 126.18 MC

MANNING
WALTERBORO
SUMMERVILLE
CHARLESTON
TRULUCK
CLARK
JOHN'S IS. AAF
CAROLINA SKYWAYS

BIRDSVILLE
ATLANTA / JACKSONVILLE
ATLANTA 125
ESTILL
SYLVANIA AAF
LINDSEY
S. CAR. / GA.
STATESBORO AAF
RIDGELAND
BEAUFORT
AMBER 7
MCAS. PARRIS IS.

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N. QUADRANTS.

VARIATION: 1°E TO 3°W

CHATHAM AAF
HUNTER
278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAVANNAH-WILMINGTON IS.
RICHMOND HILL
GLENVILLE
CAMP STEWART AAF
HINESVILLE
SAVANNAH
263
116.1 MC.
JACKSONVILLE 133
TO JACKSONVILLE

WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH

CHARLESTON 131

TO BOLD SPRINGS

COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT

STATUTE MILES

JACKSONVILLE

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Barberville	1 SE;bet RR & rd.	25	25	Pole line E. UNUSABLE.
(N) Bostwick OLF (N)	1 NW; RR E	53	34	
Bradenton	0 5 S;RR NE	20	24 S1	80 oct. Trees W. Poles SW.
(N) Branan OLF (Jacksonville)	14.5 SW	73	40h L	B-2 lgts. (N)
CECIL NAAS Tower	201 (142.74)		CN	3105;142.74 (Flying hrs.)
(N) Cecil NAAS (Jacksonville) (N)	16 WSW;hwy NW	80	50h R2 L5 S4	87,91 oct. Trees sur fld.
Craig (Jacksonville)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
CROSS CITY (AAF) Range	269 (FC)(116.1)	315°, 2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (A)	1 SE; RR SW	42	50h R1 L5	CLOSED
DALE MABRY Tower	281 (118.3,126.18)	85°,2.7	C	(4); 126.18,118.3,122.5
(P) [Dale Mabry] (Tallahassee)	3 W; RR S	70	52h R2 L5 S4	80, 91 oct.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct. Ctc & rnwy lgts on req.
(P) Fernandina	4 S; ocean E	18	50h	
(N) Flemings Island OLF (Jacksonville) (N)	17.5 SSW	23	40h L	B-2 lgts.
Hart (Jacksonville)	6.5 W; RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne	1.2 SSE,RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE
Herlong (Jacksonville)	10.5 WSW	87	40h S4	80, 91 oct. No sto.
JACKSONVILLE Range	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
→ JACKSONVILLE Tower	278 (126.18,118.5)		AC (ILS)	(4); 122.5, 126.18, 118.5
(A) Jacksonville	6.3 N; RR W	52	70h R3 L6 S4	ARMY TEMP INACT-CIVIL FACS.
JACKSONVILLE NAS Range	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane) Tower	2870		CN	2870,3105 (avail. during working hrs. and on 1 hr's advance notice)
(N) Jacksonville NAS (N)	7.2 S; riv E,N	20	60h R2 L5 S6	91, 100 oct. NATS
Jasper, 43, NO-JX	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
John R. Alison(Gainesville)	4.5 NE;RR W	155	50h L5 S2	80, 91 oct. Lgts prior req.
(P) Kay Larkin (Palatka)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (N)	2 SSW;RR NW	131	60h L	
Lake City	3.7 ESE;RR S	201	60h	
Lake Jackson (Tallahassee)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
LEE OLF G.C.A.			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs) (N)	2.2 SE; riv N	22	51h	
Live Oak	1 W; RR W	105	26 S1	80 oct. Pole line N,NE,SW.
→ MAYPORT CGAS				DECOMMISSIONED
(CG) Mayport CGAS (CG)	0.6 NNE;riv N	19	43h	INACTIVE
(N) Middleburg OLF (N)	3 NNE;rds E,SE	34	32	
(A) Montbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
Monticello	1.5 SW;hwy E	160	25	
Perry	2 S; RR E	45	50h S2	80, 91 oct.
Quincy	1.5 NE;RR S	212	35 S1	80 oct.
St. Augustine	4 NNW;hwy W	10	42h S1	80, 91 oct.
Sawyer (Palatka)	2.6 S; RR SE	60	25	Trees N,E,S.
Stengel (Gainesville)	4 WSW;RR SE	70	38 S6	80 oct. Trees sur fld.
(N) Switzerland OLF (N)	1.5 SE	31	40h	
TALLAHASSEE Range	335 (TJ)(116.1)		SBRAZ-DTV	(3); 116.1, 122.1
(P) Taylor (Ocala)	1 SW; RR NE	72	40h L3 S6	80,91 oct. Lgts and ngt repairs prior req.
Tennile	2.2 SSW; rd E	35	20	Trees SW.
Tomoka (Daytona Beach)	7.8 NW	29	40h	
(N) Whitehouse OLF (Jacksonville) (N)	13 W; RR S	102	40h L	B-2 lgts
Williams (Jacksonville)	3.3 WNW;RR E	25	31 S6	80 oct. No sto. P-line E. Data unver.
Witt (Lake City)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

GEORGIA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
ALBANY Range (Turner Aux. Field No. 1)	254 (GY)(116.1)	298°, 2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Airport)
[Albany]	4 SW; RR N	196	49h R1 L5 S6	80, 91 oct.
ALMA Range	242 (AJ)(116.1)	144°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma,Site 43, MM-AG	2.5 W;hwy N	200	43 R1 L3	
→ Asbury (Dawson)	5.7 SE; RR N			ABANDONED
Ashburn	1.5 S;RR,hwy W	430	18 S1	80 oct. Data not ver.
(A) Babcock (Boykin) (A)	3.5 ENE	145	30h	CLOSED
Bainbridge	7 NNW;RR NE	141	50h S6	80, 91 oct.
(A) Bemiss #3 (Valdosta) (A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
BRUNSWICK H Fac.	230 (BS)(116.1)		MHTV	(4); 116.1
Camilla	1.4 NW	180	21 S1	80 oct. Data unver.
Civil Air Patrol (Waycross)	2.6 WSW;RR SE	140	21 S1	80 oct. Obsts sur fld.
Commodore Decatur (Bainbridge)	2 W; riv W	103	40h S1	80 oct.
Cook County (Adel)	1.3 W;hwy NE	220	40h L3 S6	80, 91 oct.
Darien	0.8 SE;riv S	30	13 S1	Ltd 80 oct. Trees W.
Faceville	3.5 S	265	30h	
Fitzgerald	2 SSW; RR W,E	365	24	
* Folkston Int, 37, MM-AG	0.7 WNW;hwy E	82	20 L3 S1	80 oct. on req.
GLYNCO NAF Range	520 (NEA)	239°,0.3	MRLWZ	
→ GLYNCO NAF Tower	317 (142.74)		CN	3105,4495; 142.74 (8-1630)
(N) Glynco NAF (LTA)(N)	6.4 N of Brunswick	25	35h R2 L5 S4	91, 100 oct.Hwy SE
(A) Harris Neck AAF (A)	7 E So. Newport	22	54h	CLOSED
Homerville Flight Strip	2.5 NW;hwy NE	185	40h	
(A) Lake Park #2 (Valdosta)(A)	12.5 SSE;hwy N	220	45	TMP INACT.NO FACS.
(A) Moody (Valdosta) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (A)	7 S; hwy NW	287	40h	CLOSED.
Nashville	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
(A) Rocky Ford #1 (Valdosta)(A)	16 SW;hwy N	220	50h	CLOSED
St. Marys	1.7 NNW;hwy S	24	50h	
ST. SIMONS ISLAND NAS Twr	281(140.58,142.74)		CN	(3); 142.74,140.58 (630-24)
(N) St Simons Island NAS (N)	6 E Brunswick	19	41h R2 L5 S4	100 oct. No sto. Lgts on req. Trees NE, SW
(P) South Georgia College(Douglas)	1.3 S; RR W	225	60	
Spence (Moultrie)	5 SE;hwy W	292	50h S6	80, 91 oct.
(A) Thomasville AAF (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com.	1 SW; RR N	250	42 S4	80 oct. Trees sur fld.
Three "B" (Fitzgerald)	1.5 N	515	27 S1	80 oct.
Tifton Mun.	2.3 SE;hwy W	343	50h L5 S4	80,91 oct. Lgts prior req.
(A) Turner (Albany) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
(A) Turner #1 (Albany) (A)	15 NE	285	45	CLOSED
(A) Vada (A)	3 NE	140	30h	CLOSED.
Valdosta	2.5 S; hwy E	215	56h S1	80 oct.
(A) Waycross AAF (A)	4 NW;hwy E	141	50h	CLOSED.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ JACKSONVILLE	110.3 .-.. .---	335	44° Mag.	IM-	MM- .--- (0.66)	OM- --. (4.60)
					MMK-209 .--- (0.66)	OMK-251 --.- (4.60)
				IM-	MM-	OM-
					MMK-	OMK-

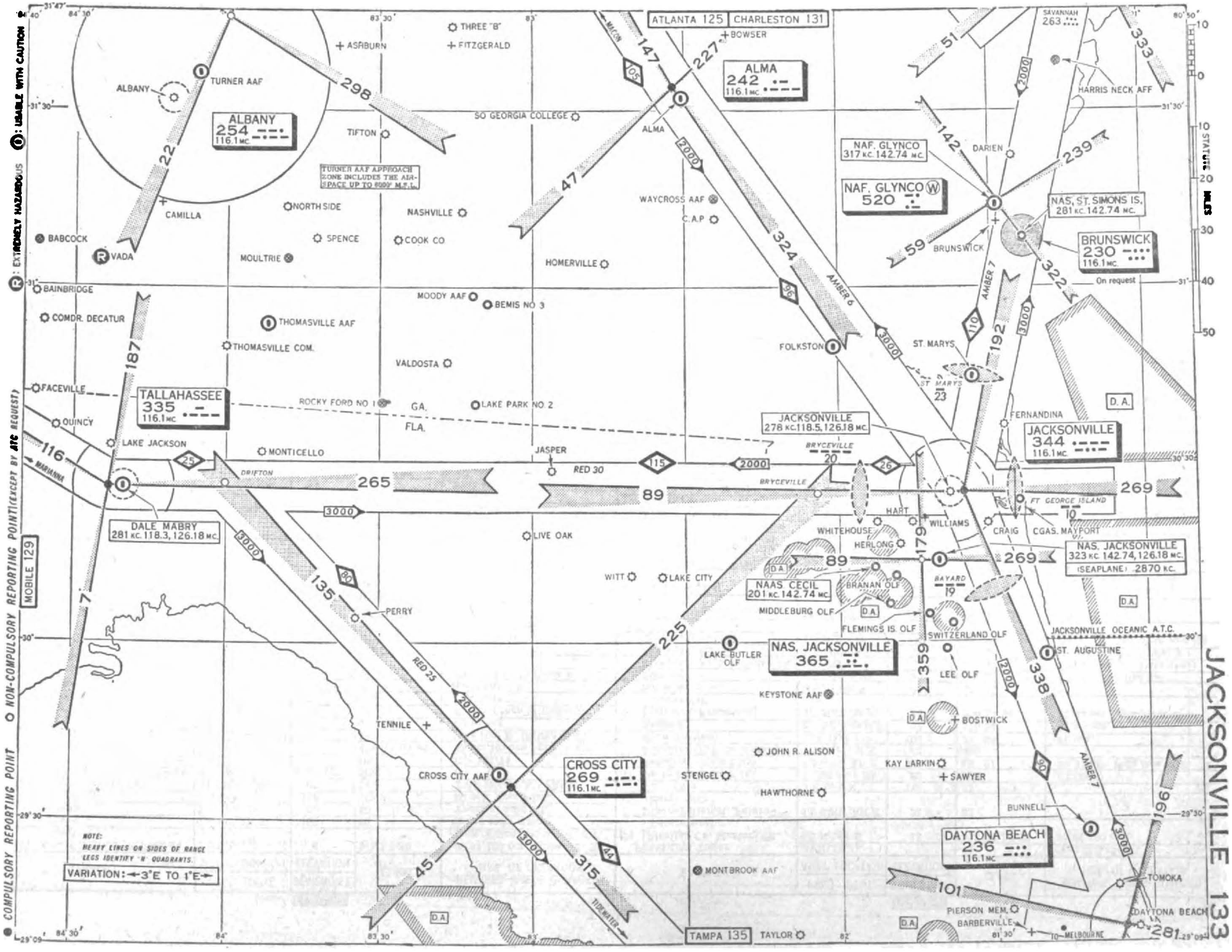
NEW FACILITIES

Bunnell, (Fla.)	3.3 E	34	50h	
Pierson Memorial, (Fla.)	0.5 N;hwy RR,W	70	21	
Bowser (Baxley,Ga.)	2.5 S;hwyW,RR N	205	21 S1	80 oct.
Brunswick, (Ga.)	2.5 NNE;hwy E	14	26 S1	80,91 oct.Data unver.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 11)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


ATLANTA 125 | CHARLESTON 131
ALBANY 254 116.1 MC.
ALMA 242 116.1 MC.
TALLAHASSEE 335 116.1 MC.
CROSS CITY 269 116.1 MC.
NAF. GLYNCO 317 KC. 142.74 MC.
NAF. GLYNCO (W) 520
NAS, ST. SIMONS IS. 281 KC. 142.74 MC.
BRUNSWICK 230 116.1 MC.
On request
JACKSONVILLE 278 KC. 118.5, 126.18 MC.
JACKSONVILLE 344 116.1 MC.
DALE MABRY 281 KC. 118.3, 126.18 MC.
NAS. JACKSONVILLE 323 KC. 142.74, 126.18 MC.
(SEAPLANE) 2870 KC.
NAAS CECIL 201 KC. 142.74 MC.
NAS. JACKSONVILLE 365
DAYTONA BEACH 236 116.1 MC.
TAMPA 135
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 8000' M.S.L.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.
VARIATION: 3°E TO 1°E
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
JACKSONVILLE 133
MOBILE 129
ALBANY
TURNER AAF
ASHBURN
THREE "B"
FITZGERALD
SO GEORGIA COLLEGE
TIFTON
CAMILLA
NORTH SIDE
NASHVILLE
SPENCE
COOK CO
BABCOCK
VADA
MOULTRIE
BAINBRIDGE
COMDR. DECATUR
THOMASVILLE AAF
THOMASVILLE COM.
VALDOSTA
MOODY AAF
BEMIS NO 3
HOMERVILLE
WAYCROSS AAF
C.A.P
ALMA
BOWSER
MACON
BRUNSWICK
DARIEN
HARRIS NECK AFF
SAVANNAH 263
FOLKSTON
ST. MARYS
FERNANDINA
FACEVILLE
QUINCY
LAKE JACKSON
MARIANNA
MONTICELLO
ROCKY FORD NO 1
GA.
FLA.
LAKE PARK NO 2
JASPER
RED 30
DRIFTON
BRYCEVILLE
HART
WILLIAMS
WHITEHOUSE
HERLONG
CRAIG
CGAS. MAYPORT
FT GEORGE ISLAND
LIVE OAK
WITT
LAKE CITY
PERRY
RED 23
MIDDLEBURG OLF
BRANAN OLF
FLEMINGS IS. OLF
BAYARD
SWITZERLAND OLF
LAKE BUTLER OLF
LEE OLF
JACKSONVILLE OCEANIC A.T.C.
ST. AUGUSTINE
KEYSTONE AAF
BOSTWICK
TENNILE
JOHN R. ALISON
KAY LARKIN
SAWYER
CROSS CITY AAF
STENGEL
HAWTHORNE
BUNNELL
MONTBROOK AAF
PIERSON MEM.
BARBERVILLE
TO MELBOURNE
TOMOKA
DAYTONA BEACH
TAYLOR
D.A.
AMBER 6
AMBER 7
TIDEWATER
STATUTE MILES
NAUTICAL MILES

TAMPA

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St.Petersburg)	2.5 E;bay E	6	33h L3 S6	80,91,100 oct. Coast Gd. Stn adj. Poles, stack NW, SW.
Altoona	0.6 NW;RR E	155	25	Trees ends strips
Arcadia	2 SE;hwy W	60	30	Trees around fld.
Avon Park	1.5 W;RR E	156	40h S1	80 oct. Trees SE.
(A) Avon Park AAF (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (N)	11 SE Cocoa	9	40h R2 L5 S6	91 oct.No bcn Lgts on req.
Barberville	1 SE;bet RR & rd	25	25	Pole line E. UNUSABLE.
Bartow	5.5 NE;RR NW	128	50h L5 S2	80,91 oct.
Bradenton	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW.
(A) Brooksville AAF (A)	7.5 SW;hwy E	70	70h	CLOSED
→ Bushnell				ABANDONED
Cannon Mills (Orlando)	3.8 E;hwy N	105	41 S6	80 oct. No sto.Poles sur fld.
Carlstrom (Arcadia)	7 SSE;hwy N	56	53	
Cedar Keys (NC)	1 W; bay S	6	24h	
Clearwater	2.5 NE;hwy S	73	30 S6	80 oct. No sto. Trees W.
Cocoa	1 N; RR E	20	26 L1	Pole line E; trees S, W.
(A) Conners(Okeechobee)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range	236 (DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach	2.8 SW;hwy S	34	41h R1 L5 S6	80, 91 oct.
Deland	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia)	11.5 E;hwy N	74	53	
DREW Tower	278(126.18,118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa)	5 W;bay SW	26	70h R1 L5 S6	80,91 oct. Rdo rec. rqrd.
(A) Dunnellon AAF (A)	4.5 E;hwy S	66	50h	CLOSED
Ellenton	1.5 NNW;RR N	18	15	Pole line NE; trees SW.
Fort Pierce, com.	3.3 SSE; RR E	18	26 L1 S6	80 oct. Pole line W.
(P) Fort Pierce, mun.	3.5 NW;hwy E	24	50h	
Frank D. Waterman(Eustis)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW, N, W.
Gilbert (Winter Haven)	3.5 NNW;lake W,E	135	40h S6	80, 91 oct.
Gray's (Leesburg)	5 N;RR,hwy W	130	27 S6	80 oct.Orange groves W.
Haines City	1 NW	175	20 L1	
(P) Hendricks (Sebring)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona)	1.5 WNW;lake W	93	25 S6	80 oct. Trees E.
(A) Hillsborough AAF (Tampa)	7 NNE	67	50h	CLOSED. (A)
Hoequist (Orlando)	3.8 SW;bet lakes	90	20 S4	80 oct. No sto. Trees E.
Kerlin (Minneola)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee	2 W; RR N	65	50h	
(A) Lakeland AAF (A)	4.5 SW;RR NE	142	50h	CLOSED
[Lakeland Mun. #1]	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales	2.3 WSW;RR N	225	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (A)	4 ENE;RR SE	67	50h	
Ludwig Sky Harbor (St. Petersburg)	6 NE; bay E	14	33 L1 S6	80 oct.
→ MAC DILL Tower	227 (126.18)+		CA (ILS)	(3); 126.18
(A) MacDill (Tampa) (A)	8 SSW;bay NE	9	100h R1 L5 S6	73-100 oct. [P-1. No sto.
Malabar OLF	7 WNW	27	40h	
MELBOURNE Range	257 (OU)(116.1)	158°,2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie	2.2 NW;RR E	26	43h R1 S4	80 oct.
(A) Montbrook AAF (Williston) (A)	3.2 SSW;hwy E	70	70h	CLOSED
New Smyrna	3 NNW;RR W	12	50h	
ORLANDO Range	206 (OR)(116.1)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower	278(126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Airport)	2.5 E;lake SE	115	55h R2 L5 S6	91 oct; 100 oct. for military. No sto.
Osceola (Sanford)	10 SSE;lake SE	25	40h	
Peter O. Knight (Tampa)	3.7 S;bay S,E,W	8	40h R1 L5 S6	80, 91 oct. Shipyard NE.
(A) Pinecastle AAF (A)	3 ESE;lake NW	95	100h	CLOSED

FLORIDA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR.&DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
PINELLAS Tower	317(118.3)		CI	(4);122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg)	9.5 N;bay N	12	50h R1 L5 S6	80,91,100 oct.
Piper-Fuller(St. Petersburg) (NC)	4.8 WNW;RR E	21	32	
Plant City	3 E;hwy N	172	53	
(A) Punta Gorda AAF (A)	5 ESE;hwy SW	22	50h	CLOSED
Robinson (Plant City)	1.5 WSW;RR E	110	18 S1	80,91 oct. Pole line ESE.
Roseland OLF (Sebastian)	1.7 W;riv N,E	23	40h	
Ryan (Apopka)	1 N; lake NW	104	28 S6	80 oct.
Sanford	2.5 SE;lake N,S	57	60h S6	91,80 oct.
(P) [Sarasota-Bradenton] (Sarasota)*	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Lgts prior req.
Sarasota, com.	2.5 E; RR S	25	28 S1	80 oct.
Sebring	4 SW;lake NE	200	20 S1	80 oct. Pwr line SW.
Showalter Arpk. (Winter Pk.)	2 E; RR S		25 S4	80 oct. No sto. Data unver.
Skyland (Lakeland)	1.9 WNW;RR S	170	23 S6	80 oct. No sto. Trees S.
Skyport (Dunedin)	1.5 N;RR E	4	26 S6	80 oct. No sto. Pole line NE.
TAMPA Range (Peter O. Knight)	388 (TM)(116.1)	55°,2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) Taylor (Ocala)	1 SW;RR NE	72	40h L3 S6	80,91 oct. Lgts and agt repairs on prior req.
(P) Titusville-Cocoa(Titusville)	6 S; riv E	35	50h S6	80 oct.
* Titusville Int,20,MM-AG	1.3 NW;RR E	28	28 L3	
Tomoka (Daytona Beach)	7.8 NW	29	40h	
Valkaria OLF (Melbourne)	8 SSE;RR E	26	40h	
(A) Venice AAF (A)	2 S; RR E	15	50h	P-lines N, E. CLOSED
Venice, mun.	0.5 SE;RR E	20	36 S2	80 oct.
VERO BEACH H Fac.	242(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach]	1 NW; RR E	24	65h R1	
Wauchula	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W.
(P) Witham (Stuart)	1.5 SE;RR SW	17	50h S1	
(P) Zephyrhills	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
→ MacDILL	110.3 (W)	335	217° Mag.	IM- (0.07) MM- (1.09) OM- (5.03)
				MMK- OMK-
				IM- MM- OM-
				MMK- OMK-

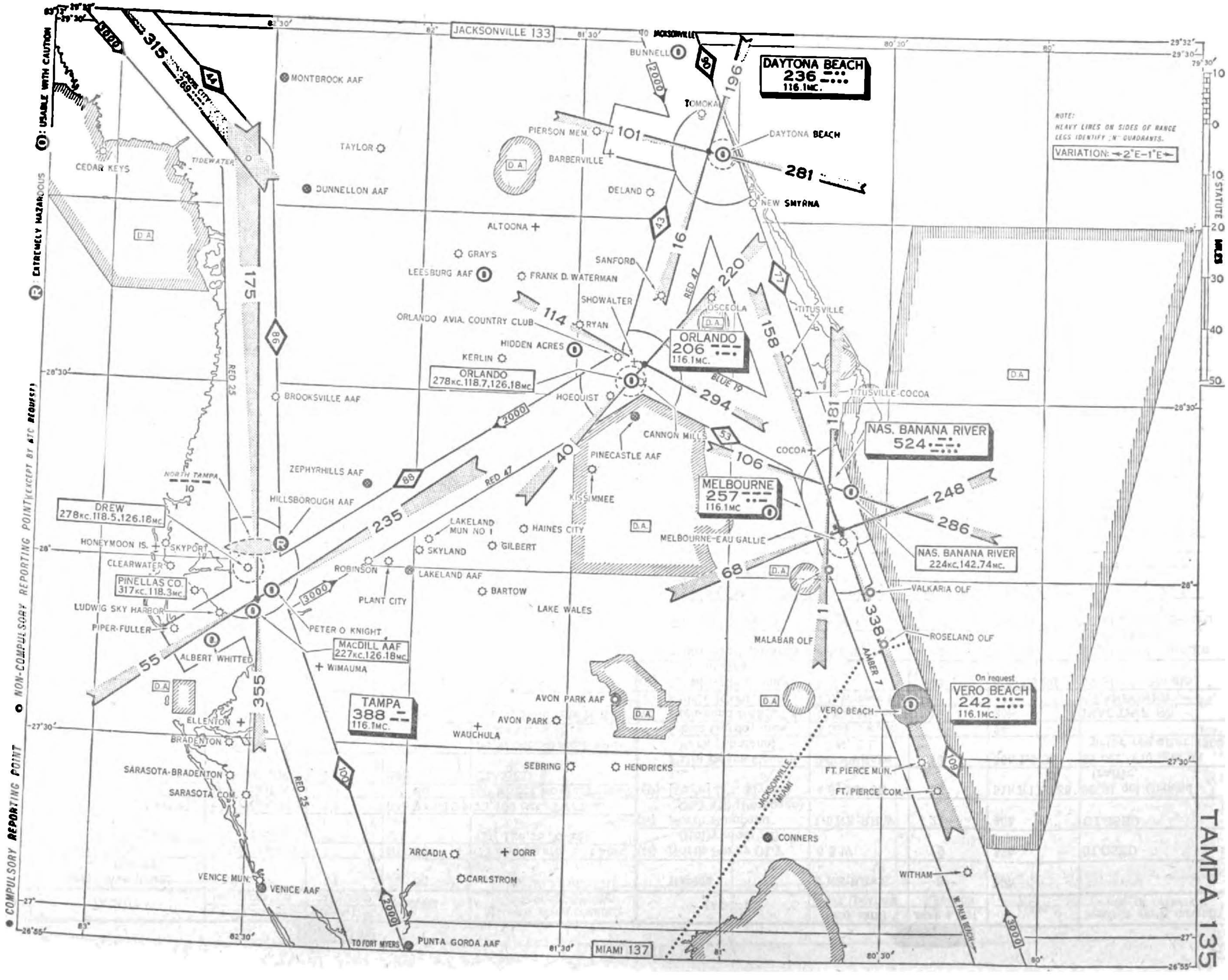
NEW FACILITIES

Bunnell, (Fla.)	3.3 E	34	50h	
Orlando Aviation Country Club (Winter Park,Fla.)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts on req. P-line N.
Pierson Memorial, (Fla.)	0.5 N;hwy RR,W	70	21	
→ Honeymoon Island (Dunedin,Fla.)	2.5 W		30	Data unverified.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. * Guarded only when associated tower inoperative H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop


JACKSONVILLE 133
DAYTONA BEACH 236 116.1MC.
ORLANDO 206 116.1MC.
ORLANDO 278KC.118.7,126.18MC
TAMPA 388 116.1MC.
MELBOURNE 257 116.1MC
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC.142.74MC.
VERO BEACH 242 116.1MC.
On request
DREW 278KC.118.5,126.18MC.
PINELLAS CO. 317KC.118.3MC.
MACDILL AAF 227KC.126.18MC.
MIAMI 137
TAMPA 135
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
VARIATION: 2°E-1°E
STATUTE MILES
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
BUNNELL
TOMOKA
DAYTONA BEACH
PIERSON MEM
TAYLOR
BARBERVILLE
DELAND
NEW SMYRNA
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
ALTOONA
GRAYS
LEESBURG AAF
FRANK D. WATERMAN
SANFORD
SHOWALTER
ORLANDO AVIA. COUNTRY CLUB
RYAN
OSCEOLA
TITUSVILLE
HIDDEN ACRES
KERLIN
HOEQUIST
BROOKSVILLE AAF
CANNON MILLS
PINECASTLE AAF
COCOA
TITUSVILLE-COCOA
ZEPHYRHILLS AAF
NORTH TAMPA
HILLSBOROUGH AAF
KISSIMMEE
LAKELAND MUN NO 1
HAINES CITY
SKYLAND
GILBERT
MELBOURNE-EAU GALLIE
HONEYMOON IS.
SKYPORT
CLEARWATER
ROBINSON
LAKELAND AAF
PLANT CITY
BARTOW
LAKE WALES
LUDWIG SKY HARBOR
PIPER-FULLER
PETER O KNIGHT
ALBERT WHITTED
WIMAUMA
MALABAR OLF
VALKARIA OLF
ROSELAND OLF
AVON PARK AAF
AVON PARK
WAUCHULA
VERO BEACH
ELLENTON
BRADENTON
SARASOTA-BRADENTON
SARASOTA COM.
SEBRING
HENDRICKS
FT. PIERCE MUN.
FT. PIERCE COM.
ARCADIA
DORR
CARLSTROM
CONNERS
VENICE MUN.
VENICE AAF
WITHAM
PUNTA GORDA AAF
TO FORT MYERS
TO JACKSONVILLE
JACKSONVILLE MIAMI
AMBER 7
W PALM BEACH
RED 47
RED 25
BLUE 19
D.A.
315
175
355
196
101
281
16
220
158
294
181
106
248
286
40
235
55
338
109
102
88
68
53
43
17
1
98
10000
2000
3000

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEVATION	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
Belvedere (West Palm Beach)	2 SW	17	25 S5	
Belle Glade	1 NNE;lake W	17	27 S6	73 oct. No sto. Lgt acft
BOCA RATON AAF Tower	396 (126.18)		CA	(3); 126.18 (6-24)
(A) Boca Raton AAF(A)	2 NNW;canal E	13	64h R1 L5 S6	73,100 oct. Twr SE.
Brown (Miami)	10 SW;RR NW	10	20 S6	80,91 oct. No sto. Trees E
(A) Buckingham (Fort Myers) AAF (A)	10 E;riv SW	25	54h	CLOSED
Chapman (Miami)	11.5 SSW, RR W	3	40 S6	80,91 oct. No sto. Pwr line W.
Clewiston	1.6 SW;RR N	19	30 S6	80 oct. Pole line N,E,S, W.
(N) Forman OLF (Fort Lauderdale) (N)	6.5 WSW	7	32h	INACTIVE.
Fort Lauderdale	5.3 NNW	14	40h	Trees sur fld.
(N) Fort Lauderdale NAS (N)	3.5 SSW; RR W	10	50h S1	100 oct. Fld avail. week-days prior req.
FORT MYERS Range (Page)	341 (FM) (116.1)	38°, 3.6	SBRAZ-DTV	(4); 116.1
Homestead, mun.	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Arfld (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, IS, TM-MM	5.25 SE;RR SW	23	38 L2	
KEY WEST Range	332 (KW) (116.1)	70°, 5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (NC)	272 (142.74)		CN	3105; 142.74 (prior req)
(N) Key West NAS (N)	7 ENE	5	70h R2 L5 S4	91,100 oct. No sto.
Lake Worth	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood)	1 SW; RR E	12	28h S4	80,91 oct. No sto. Trees SE.
Marathon	1.8 ENE;hwy S	6	100h	
MASTER OLF Tower	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master OLF (Miami)	8 NNW;RR W	9	74h R1 L5	Pwr line SE. (N)
[Meacham] (Key West)	2.3 E;ocean S	4	40h S1	80,91 oct. ARPT OF ENTRY.
MIAMI Range (Internat'l)	365 (MM) (116.1)	270°, 2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower	278 (126.18, 118.5)		AC	(4); 131.9, 126.18, 118.5
(A) [Miami International - AAF)	5.5 NW;RR S	9	74h R2 L5 S6	91,100 oct. JP-1. FEE. 2-way rdo required. ARPT OF ENTRY.
Miami Aviation Center (Miami)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (N)	10.7 NW;canal N	9	60h L5 S6	91,100 oct. No sto.
(N) Miami OLF (N)	7.9 NNW;RR E	91	36h	
MORRISON Tower	278 (126.18, 118.9)+		C (ILS)	(4); 118.9, 126.18, 122.5
(A) Morrison (West Palm Beach) (A)	2 W;canal S	15	70h R3 L5 S5	73-100 oct. FOREIGN CLEARING STATION.
Naples	2 NE;RRs E, W	8	50h	
(N) North Perry OLF (Hollywood) (N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (N) (Pompano)	1.5 NE;RR W	21	40h	CLOSED
(P) [Page] (Ft. Myers)	4 S; RR SE	18	51h R1 L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana)	2 WNW;lake N, E	16	35h L5 S6	91 oct. Fld lgts on prior req after 2300.
Punta Gorda, mun.	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)	15 SW Miami	13	20h	INACTIVE (N)
(P) Riddle (Clewiston)	7.6 W;hwy N			ABANDONED
(P) South Dade County (Homestead)	5 E	8	60h L5 S6	87,91 oct. No sto.
Sunny South (Miami)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami)	12 W		35h S4	80,91 oct. No sto. Data unver.
WEST PALM BEACH Range (Morrison)	209 (DWZ) (116.1)	89°, 2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

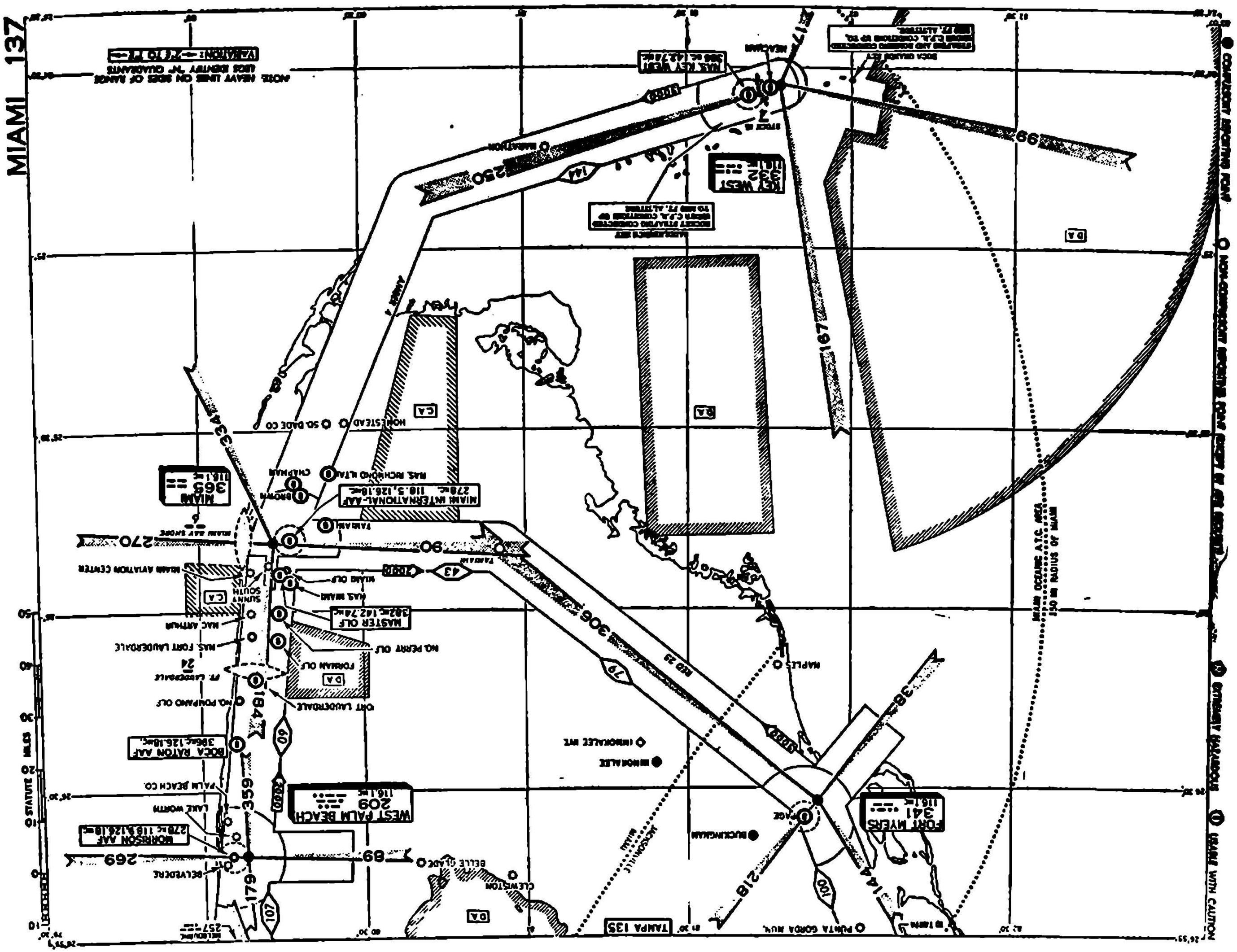
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON	110.3	335	90° Mag.	IM-	MM- ·····(0.61)	OM- --(4.50)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. * Guarded only when associated tower inoperative h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page 11)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

MIAMI 137


MIAMI
365
118.1
MIAMI INTERNATIONAL-AAF
278 118.3 126.1
MAS RICHMOND NLTA
CHALMAN
BROWN
TAMIAMI
MIAMI GAY SMOKE
MIAMI AVIATION CENTER
SUNNY SOUTH
MIAMI OLF
MAS MIAMI
MASTER OLF
282 142.74
MAC ARTHUR
MAS FORT LAUDERDALE
NO. PERRY OLF
FORMAN OLF
FT. LAUDERDALE
NO. POMPANO OLF
FORT LAUDERDALE
BOCA RATON AAF
396 126.1
PALM BEACH CO.
LAKE WORTH
WEST PALM BEACH
209
118.1
MORRISON AAF
278 118.3 126.1
BELVEDERE
BELLE GLADE
CLEWISTON
HOMESTEAD
SO. DADE CO
MAPLES
IMMOKALEE INT
IMMOKALEE
BUCKINGHAM
FORT MYERS
341
118.1
PUNTA GORDA NUV.
TAMPA 135
MIAMI OCEANIC A.T.C. AREA
150 NM RADIUS OF MIAMI
CONTINUOUS WEATHER BROADCAST
CAUTION MARADOR
HAZARD WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'H' QUADRANTS
VARIATION
MIAMI INTERNATIONAL
MIAMI
MIAMI BEACH
KEY WEST
332
118.1
ROCKY PALMYRA CONCRETE
BEACON C.P.A. CONSTRUCTION OF
TO MAR FT. ALTITUDE
ROCKY PALMYRA CONCRETE
BEACON C.P.A. CONSTRUCTION OF
TO MAR FT. ALTITUDE
STRUCTURE
STRUCTURE
STRUCTUR

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- -, - -)	FM, 322°, 41	Los Angeles.
→ CHATSWORTH	341 (L)	FMK;276° 10.5	Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMK; 77°, 11	Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN	3105,4495;126.18,142.74
GLENDALE	371 (S)	K; 97°, 7.3	Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CA	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(116.1)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4); 122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317 (142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(116.1) (111.1)	SBRAZ-DTXV	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS);244°,3.8	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	472(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)-
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (8-1530 Mon-Fri. except holidays)

COLORADO

AURORA LFM	(- - -)	LFM; 155°, 9.5	Denver
→ DENVER (Stapleton Airfield)	379(DV)(111.1) (116.1)	SBMRAZ-DTXV,155°, 2.4	(3); 131.7,116.1
DENVER (Stapleton Airfld)	109.1(DV)(111.1, 116.1)	VAR-DTXV;211°, 9.7	(3);131.7,116.1
HENDERSON FM	(-)	FM, 348°, 8.6	Denver
LOWRY FIELD (Denver)	396(126.18) +	CA	(3); 126.18
SKY RANCH ARPT (Denver)	296	CI	(3) (sunrise to sunset)
STAPLETON AIRFLD (Denver)	278(126.18,118.7)	AC (ILS)	(4); 122.5,126.18,118.7
WATKINS FM	(- -)	FM, 59°, 14.8	Denver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9 (W)	333.8	247° Mag.	IM- (0.05)	MM-	OM- (2.45)	
					MMK-	OMK-	
→ STAPLETON	110.3	335	206° Mag.	IM-	MM- (0.65)	OM- (4.19)	
					MMK-335 (0.65)	OMK-359 (4.19)	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

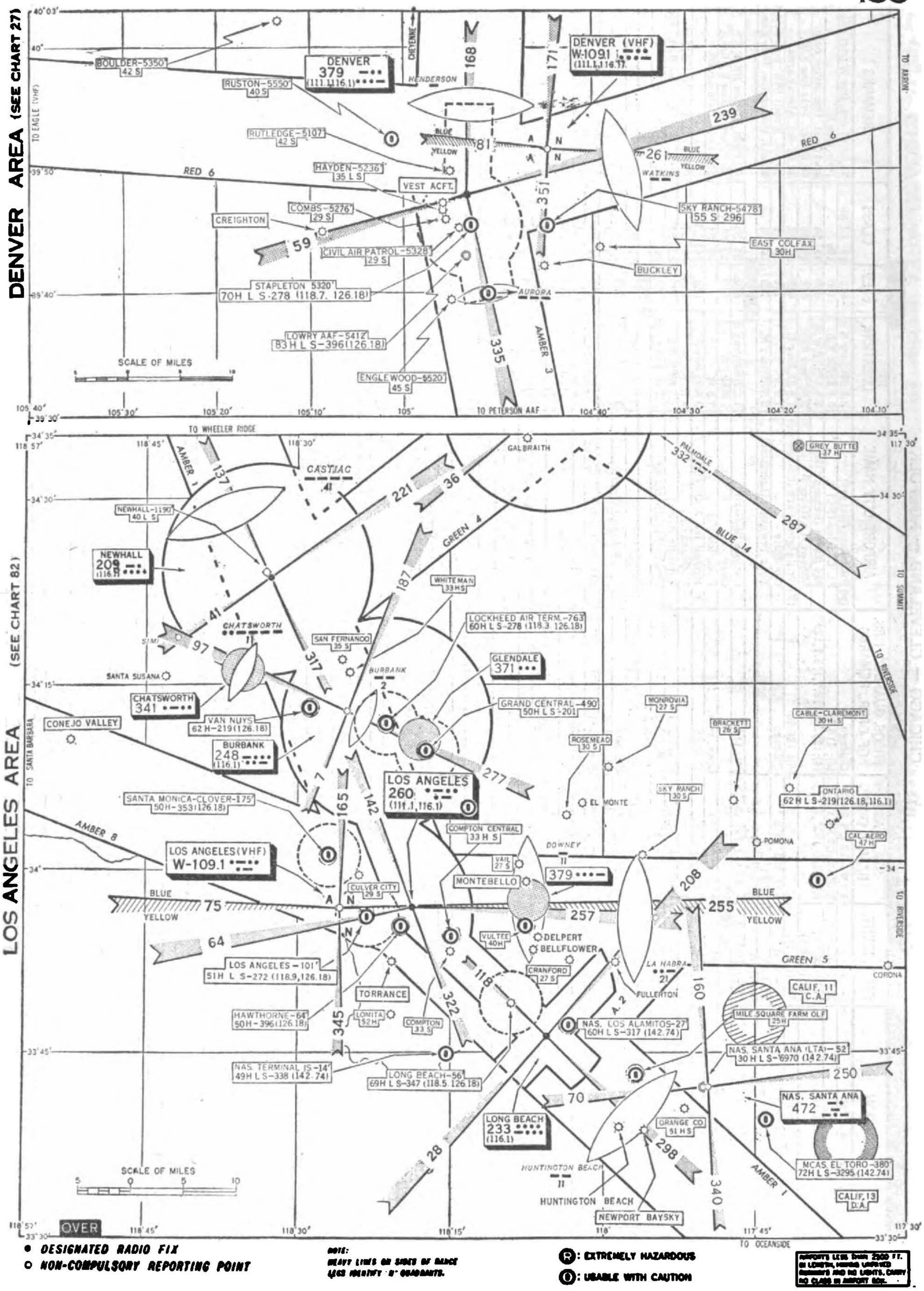
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys S,E	1010	26 S6	80 oct. Fence W.
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
Cal Aero (Ontario)	5 SSE;hwy W	625	47h	Restricted to W.A.A.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W→	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
↘ El Monte	1 NNE;rd E	300	21 S6	80 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	6 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
→ Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. RESTRICTED.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(P) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (Mines Field) (N)	9.5 SW;RR E	101	51h R3 L6 S6	91,100 oct. Rdo rqrd.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	27 S6	80,91 oct.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	45	51h S6	80-100 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;riv S	775	20 S6	80 oct.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. No sto.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	19 S6	73 oct. No sto. Pwr line W.
Sky Ranch (Puente)	1.3 E;RR S	402	30 S4	80 oct. No sto.
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(A) Van Nuys Metropolitan (A)	2.8 NW;RR N	800	62h R1	TMP INACT. NO FACS.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW,NE,SW.

COLORADO

(P) Boulder	3 ENE;RR NW,S	5350	42 S5	80,91 oct. Bldg N.
(N) BUCKLEY (NAS) (Denver)	12.5 ESE	5582	80h	
Civil Air Patrol (Denver)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Combs (Denver)	3 NE;RR N	5276	29 S6	80,91 oct. Pole line N,S.
Creighton (Golden)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
East Colfax (Watkins)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N, NW.
Englewood	6.8 SSE;hwy S	5520	45 S6	80,91 oct.
(A) Lowry (Denver) (A)	5.3 ESE	5412	83h R1 L5 S6	91,100 oct. JP-1. Rnwy data unver.
Ruston (Denver)	10 NNW;hwy W	5550	40 S6	80,91 oct. P-line NE,SW,E,W, blocked.
Rutledge (Dupont)	1 S;bet RR,hwy	5107	42 S6	80 oct. Pole lines sur fld.
Sky Ranch (Denver)	12.6 E;RR S	5478	55 R1 S6	73,80,91 oct.
STAPLETON (Denver)	5 ENE;RR N	5320	70h R3 L6 S6	80,91,100 oct.
Vest Acft Co. (Denver)	3.6 NE;hwy W	5236	35 L2 S6	80,91 oct.

NEW AIRPORTS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC-(not charted). → NEW OR REVISED DATA.



● *DESIGNATED RADIO FIX*
○ *NON-COMPULSORY REPORTING POINT*

NOTE:
HEAVY LINES OR SIDES OF BLOCK LESS WIDTH "B" BOUNDARIES.

Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, PAVED UNPAVED RUNWAYS AND NO LIGHTS. CARRY NO CLASS IN AIRPORT SEC.

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASHBURN LFM	(- -)	LFM, 152°, 6.25	Chicago
CHICAGO	350(CG)(116.1)	SBRAZ-DTXV	(3); 116.1
Chicago Airport	278 (126.18, 118.7,118.1)	AC (ILS);152°,2.2	(4);126.18,118.7,118.1,122.5
Chicago-Orchard	396 (126.18)	C	(4); 126.18
FRANKLIN PARK FM	(- - - -)	FM, 332°, 9.5	Chicago
→ FRANKLIN PARK	219(L)	K;312°,5.8	
HARVEY (Rubinkam)	385 (GH)	MLWZ; 90°, 2.2	
JOLIET	257(JQ)(116.1)	SBRAZ-DTV; 126°,3.7	(4); 116.1
INDIANA			
McCOOL (Lt.)	359 (ML)	MHW	Oper. cont.
McCOOL FM	(- - - -)	FM, 270°, 67	Goshen
OHIO			
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV	(3); 116.1
Cleveland Airport	278 (126.18,118.3)	AC(ILS);100°,0.7	(4); 118.3,126.18,122.5
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
ELYRIA	219 (S)	FMK, 280°, 10.9	Cleveland
NORTH ROYALTON LFM	(- -)	LFM, 145°, 10.8	Cleveland
VERMILION FM	(. . - - -)	FM, 280°, 26	Cleveland
VIRGINIA			
DEEP CREEK FM	(- - -)	FM, 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM, 276°, 16	Norfolk NAS East Field
LANGLEY FIELD (Army)	221 (DLY)(116.1)	SBMRAPZ-DTV	(3); 116.1
Langley Field	278(126.18, 116.1)+	CA(GCA);102°,3.8	(4); 126.18
NORFOLK	239(NW)(116.1)	SBMRLZ-DTV	(3); 116.1
Norfolk Airport	269(126.18,118.3)	AC; 44°, 3.3	(4); 122.5; 126.18, 118.3
Norfolk (Navy)	356 (NGU)	BMRLZ	
Norfolk NAS (East Field)	323 (142.74)	CN(GCA);276°, 2.9	(3); 142.74
Norfolk NAS (Seaplane)	2870	CN	2870 (7-17 and on req.)
OCEANA NAAS	3295 (142.74)	CN	3105,4495;142.74 (745-1830)
NEW RADIO FACILITIES			
→ Cleveland Airport, Ohio	278	MLW	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ CHICAGO	109.9 (W)	333.8	132° Mag.	IM- ····· (0.04)	MM-	OM- -- (1.89)
					MMK- 201 ··· (0.71)	OMK-
CLEVELAND	109.9 (W)		54° Mag.	IM- ····· (0.06)	MM-	OM- -- (4.75)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ILLINOIS

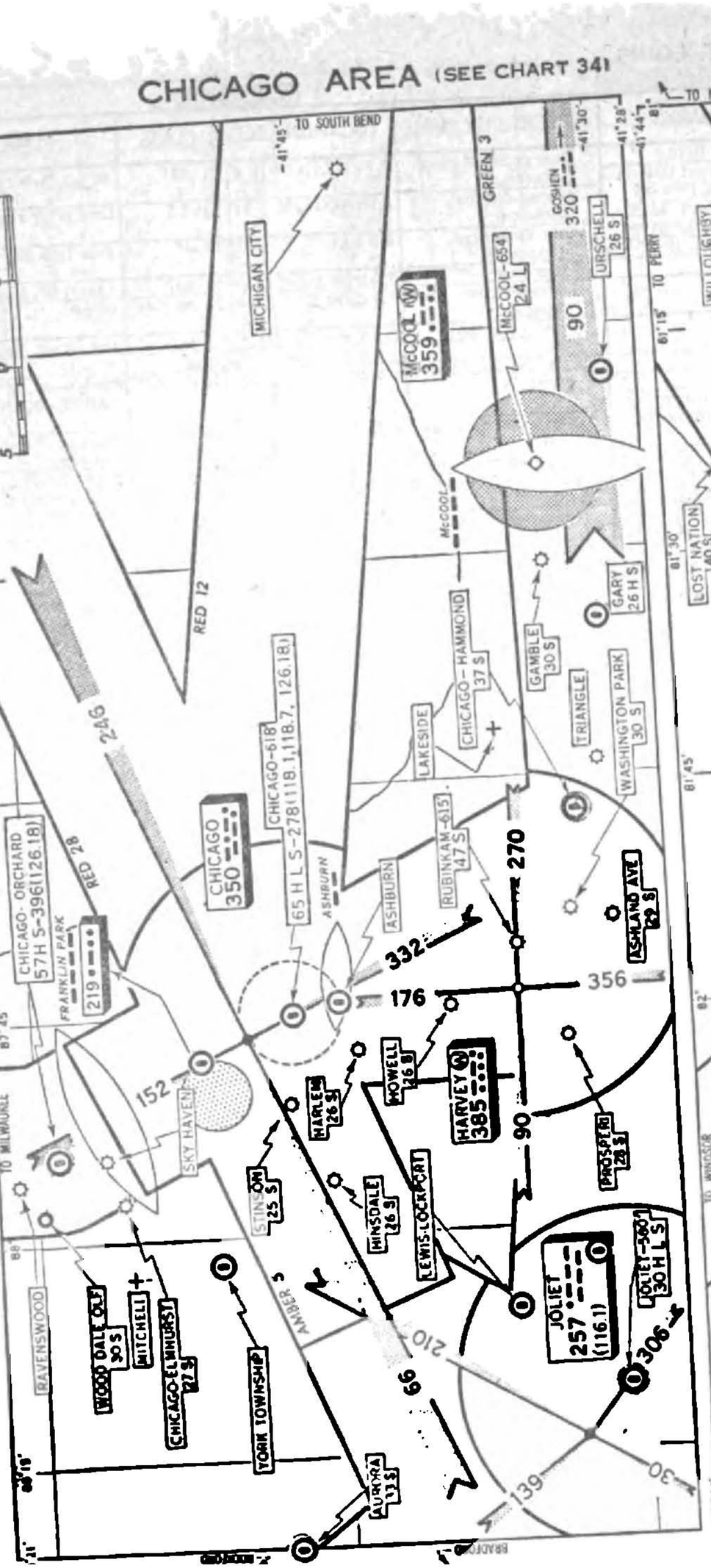
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ashburn (Chicago)	12 SW;hwy W	620	16 S4	73,80 oct. Unsafe after rain.
Ashland Avenue (Chicago Hgts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora	3 NNW	701	33 S4	80 oct. Twr NE; stack SE.
CHICAGO	9 SW of loop	618	65h R3 L6 S6	73,80,91 oct. FEE.
Chicago-Elmhurst(Elmhurst)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
(A) Chicago-Orchard	16 NW;RR W	657	57h R1 L5 S6	73,91,100 oct. JP-1.
(P) Chicago-Hammond (Lansing)	1.5 S;RR N	660	37 L1 S6	73,80 oct. Obsts sur. fld.
Harlem (Oaklawn)	2.2 WNW;hwy W	619	26 S6	80 oct. Pole line E.
Hinsdale	3 S;hwy SE	710	26 S6	73, 80 oct. Rolling ground
Howell (Blue Island)	3 W;hwy E	600	26 S4	80 oct. Obsts sur fld.
Joliet, 22, LS-CG	5 W;riv W	580	30h R1 L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Lewis-Lockport (Lockport)	2.2 WNW;hwy E	664	26 S6	80, 91 oct. Twr SE. Obsts sur field.
Prosperi (Tinley Park)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Allway fld. Trees S

ILLINOIS

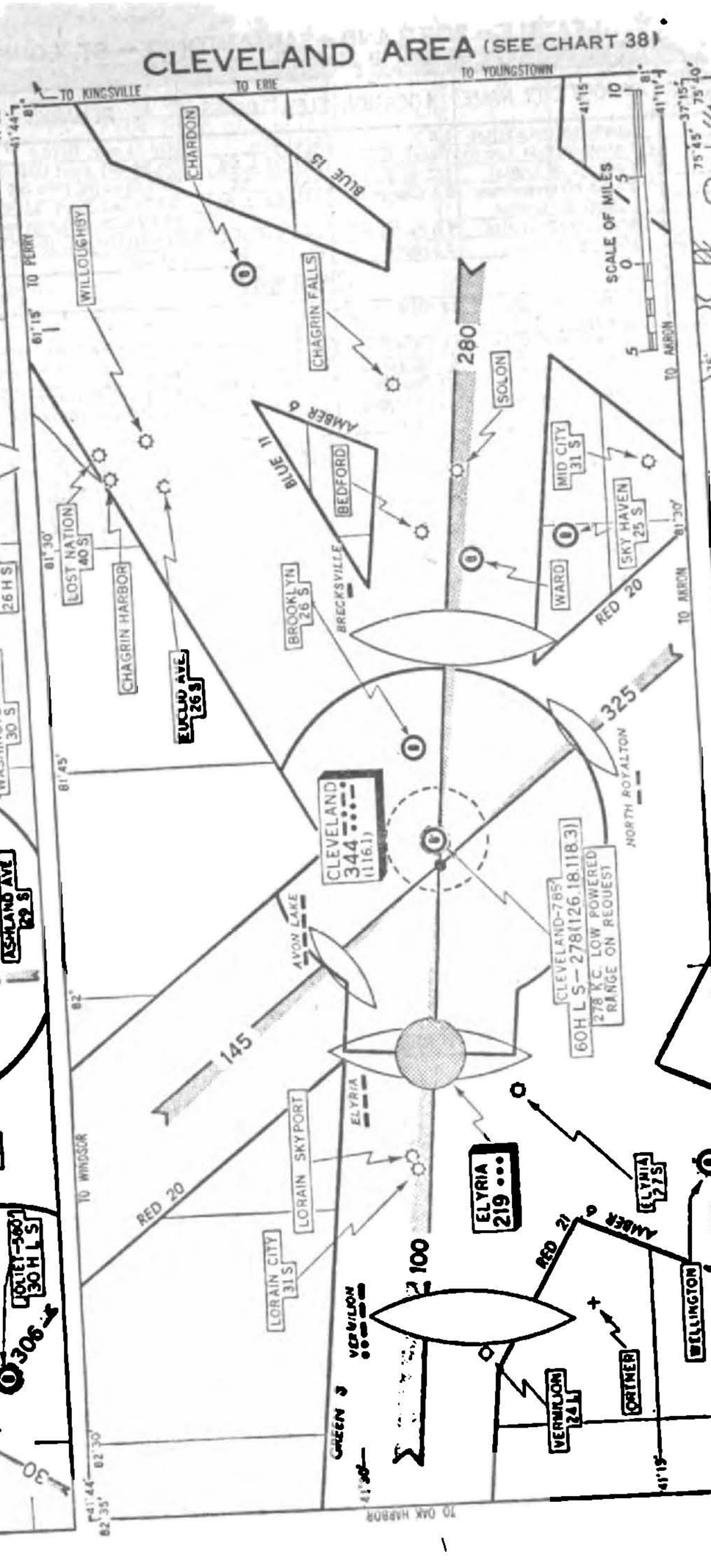
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Rubinkam (Harvey)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part only
St. Charles (NC)	3.5 E;RR E,S	760	18h	Pole line N.
Sky Haven (Bensenville)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips only.
Stinson (La Grange)	2 SE,hwy SE	644	25 S6	80,91 oct. Pole line S,W.
(P) Washington Park (Homewood)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
Wooddale	1.5 N	711	30 S5	80 oct. Woods SSW; pole line W.
York Township (Lombard)	2 SSW;hwy N	726	20 S6	80 oct. Use strips. Pole line N,E.
INDIANA				
Gamble (Hobart)	1.8 NNW,hwy S	650	25 S6	80,91oct. P-line NE,E.
Gary	6 S,hwy W	610	23 S6	80,91 oct. P-line E,SE,S,SW,W.
Lakeside (Gary)	7.5 W		35 S4	73,80 oct. Data unver.
* McCool Int, 3, CG-LG	2 SW; hwy S	654	24 L3	
Michigan City	4 E; RR N	650	24 S1	80,91 oct. Pole line E,S,W
Triangle (Dyer)	1.5 NE;RR E	630	33 S2	80,91 oct. Pole line S,SE. Bldg W.
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S2	80 oct. Pole line N.
OHIO				
Bedford	2 NE;hwy W	1060	17 S2	73 oct
Brooklyn (Cleveland)	5.5 SW;RR S	780	26 S2	73 oct.
Chagrin Falls	3 E;hwy SW	1220	23 S4	80 oct. Pole line N.
Chagrin Harbor (Willoughby)	2.5 NNW	620	22 S6	80 oct. Pole line W.
Chardon	2.8 S	1230	22 S1	80 oct. Pole lines sur fld.
(A) CLEVELAND	8.5 SW,riv W	785	60h R3 L6 S6	80,73,91,100 oct. JP-1. FEE.ARPT OF ENTRY.
Elyria	1.6 SSW,RR NW	745	27 S4	80 oct. Poles SSE, S.
Euclid Ave. (Willoughby)	1.5 WSW;RR N	640	26 S6	80,91 oct. Pole line S,hi-line N.
Lorain City (Lorain)	2.1 SW,RR N	610	31 S4	80 oct. Pole line NE,SE. No sto.
Lorain Skyport (Lorain)	2.8 SW,hwy W	610	29 S4	80,91 oct. Pole line S,SE.Rnwy data unver.
Lost Nation (Willoughby)	3 N,lake NW	626	40 S6	80,91 oct. Obsts sur fld.Rnwy data unver.
→ Mather (Cleveland)	5 SW;RR S			ABANDONED
Mid City (Hudson)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW.
Ortner (Wakeman)	4 NNE;RR S		26 S1	73 oct. Data unver.
Sky Haven (Northfield)	2.5 SSE;RR NE	1040	25 S4	73,80 oct. No sto. Pwr line W,S.
Solon	1.1 SSE;RR NE	1034	24 S6	73,80 oct. Pole line W, SE.
* Vermilion Int, 28, CG-LG	3.7 SW;RR SE	610	24 L3	
Ward (Bedford)	1.5 S;RR E	980	20 S6	80 oct.
Willoughby	1.2 E;RR NW	700	22 S6	80 oct. Pole line sur fld.
VIRGINIA				
Cumberland (Portsmouth)	7.5 SSW		28 S4	80 oct. Data unver.
(N) Fentress NAAS (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin	1.7 NE	38	30h	
Garner's (Windsor)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk)(NC)	4.5 E;RR S	18	24	Twrs, pole line SW.
(A) Langley Field (A)	3 N Hampton	10	70h R2 L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers)	2.8 W;riv W	21	45	INACTIVE. (N)
NORFOLK	5 ENE;RR SE	22	50h R2 L5 S4	80,91 oct.
(N) Norfolk NAS (Chambers)(N)	7 N;rd N	13	26h	CLOSED. Use East Field
(N) Norfolk NAS (East Field)(N)	6 N; RR SW	15	43h R2 L5 S6	91,100 oct. NATS.
(N) Oceana NAAS (N)	1 SW;RR N	20	60h R1 L5 S4	91,100 oct. No bcn.
Peninsula (Hampton)	2 WSW;RR N	12	26 S4	80 oct.
Pungo	0.8 NE	15	25h	
South Norfolk (Norfolk)	6 SSE		38 S4	Fuel. No sto. Data unver.
(P) Suffolk	3.8 SSW;RR E	66	50h	
Virginia Beach	4.5 W;RR,hwy N	15	42 S4	80,91 oct. Pole line N. Data unver.
Waverly	2.5 NW;RR SW	115	17 S2	80 oct. Trees,brush sur fld.
NEW AIRPORTS				
→ Mitchell (Lombard,Ill.)	2.8 NNW	710	24	Data unverified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xii) NC (not charted) → NEW OR REVISED DATA

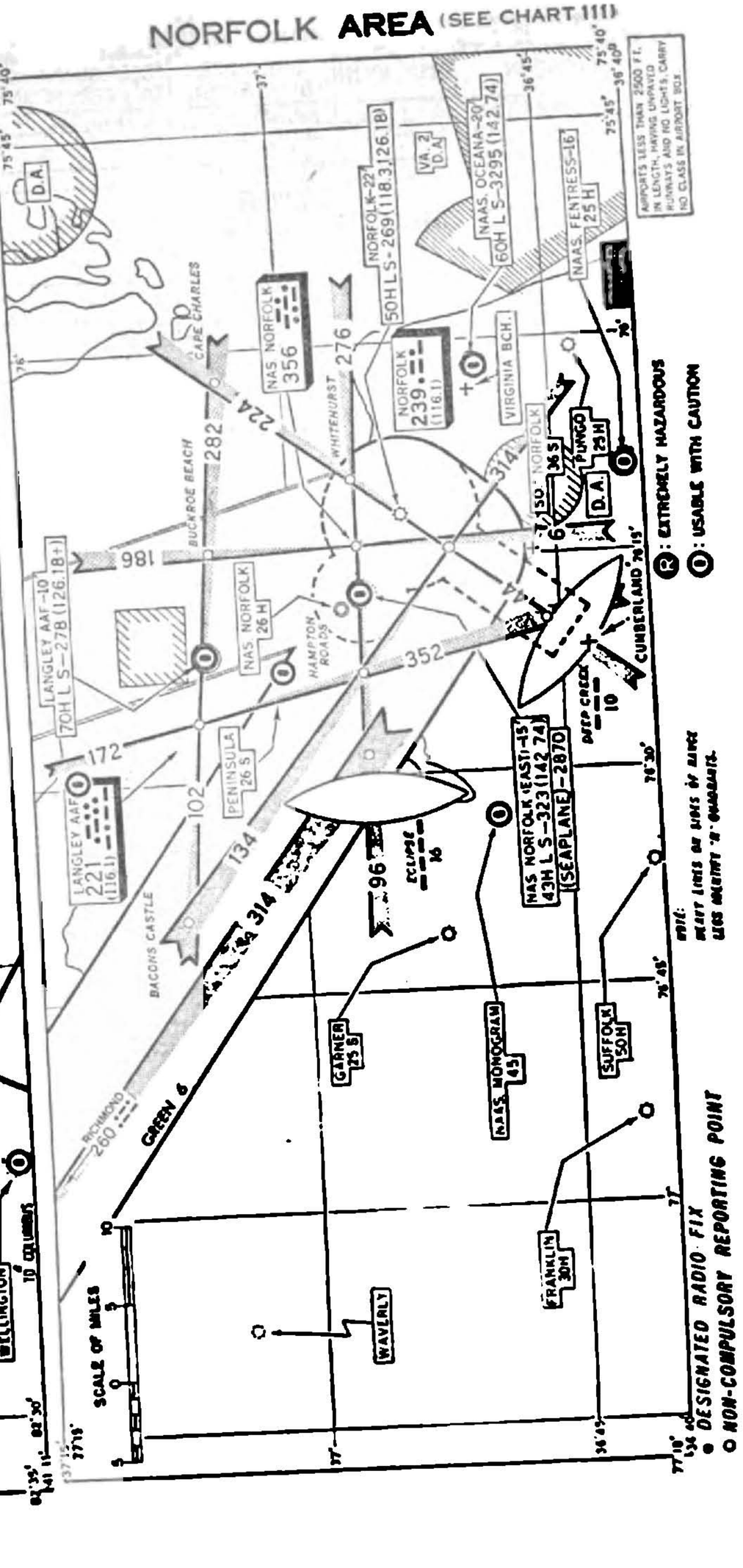
CHICAGO AREA (SEE CHART 34)



CLEVELAND AREA (SEE CHART 38)



NORFOLK AREA (SEE CHART 111)



R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS. OF OPER., REMARKS
[redacted]		ILLINOIS	
BELLEVILLE FM	(-)	FM, 355°,21	St. Louis, Mo.
SCOTT (Belleville) (Army)	383 (DCD)	SBMRAPS-DT	(4)
Scott Field	396+	CA; 49°, 2.2	(4)
[redacted]		MISSOURI	
LAMBERT-ST. LOUIS ARPT: (St. Louis)	278 (ILS)(118.1, 118.3)	AC (ILS);256°,2.2	(4);126.18,122.5,118.3
ST. LOUIS (Lambert -St. Louis Arpt.)	309 (LS)(116.1)	SBRAZ-DTXV	(3);116.1
ST. PETERS FM	(- - - -)	FM, 273°,14.2	St. Louis.
SPANISH LAKE	219 (L)	FMK-89°,7.8	St. Louis.
SPANISH LAKE FM	(- -)	FM, 89°, 7.8	St. Louis.
[redacted]		[redacted]	
PORTLAND	332 (PD) (116.1,111.1)	SBRAZ-DTV	(3);116.1,122.1
Portland AAB	278 (ILS,118, 118.3)+	AC; 171°,3.1	(4); 142.74,122.5,118.3, 126.18
WILLAMETTE FM	(- -)	FM,176°,20.6	Portland
		TEXAS	
ALAMO (San Antonio (San Antonio Arpt)	344(JR)(116.1)	MLZ-VDT; 174°,2.7	(3); 116.1
BROOKS FIELD (San Antonio)	396 (126.18)	CA	(3); 126.18
KELLY FIELD (San Antonio)	219 (126.18)+	CA	(3); 126.18
RANDOLPH (San Antonio)(Army)	359 (DRQ)	BMRLZ	(3)
Randolph Field	272 (126.18)	CA;322°,2.04	(3); 126.18
SAN ANTONIO (Kelly Field)	254(ZN)(116.1)	SBRAZ-VD,107°, 1.8	(4); 116.1
San Antonio Arpt. (Alamo Field)	278 (118.5)	C (ILS)	(4); 118.5,122.5,126.18
SPRING BRANCH FM	(-)	FM, 354°,21.6	Alamo.
STINSON San Antonio	209	CI	3105.6210 (10-18)
		WASHINGTON	
HOBART FM	(- -)	FM, 88°,15	Seattle
LAKEVIEW FM	(- - -)	FM, 175°,25.5	Seattle
KING CO. AIRPORT (Seattle)	278 (126.18, 118.3)	AC;296°,2.8	(4);118.3,126.18,140.1, 122.5
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL	
McChord Field	396 (126.18)+	CA(ILS);260°,1.7	(3); 116.1, 126.18
SEATTLE (King Co. Airport)	260(SA)(116.1)	SBRAZ-VDTX,	(3);116.1,122.1
SEATTLE NAS (Navy)	532 (WN)	MH	(4) cont.
Seattle NAS	230 (142.74)	CN(GCA)	(3);142.74 (8-sunset)
WASHOUGAL FM	(-)	FM, 63°,17.5	Portland,Ore.
WOODLAND FM	(. . - - - -)	FM. 331°, 23	Portland, Ore.
NEW RADIO FACILITIES			
LA CENTER,WASH FM	(- - - -)	FM: 331°, 12	Portland

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	ILLINOIS			
Gundlach(Belleville)	1.8 E	514	23	Obsts sur. field.
Lakeside(E.St.Louis)	7 NNE,lake W	420	32 L S6	80,91 oct.Port lgts on Obsts on fld req.SE
Parks(E.St.Louis)	4.2 SW,RR SE	410	26 L1	
Parks Metropolitan (East St. Louis)	3.5 SSW,RR W	420	40 L S6	80,91 oct.Port rnwy lgts. 1700' paved rnwys. blkd.
(A)Scott (Belleville)(A)	7.5 ENE,RR S	444	55h R2 L5 S5	73,91,100 oct. P-l.
Wadlow (Alton)	3.5 NNW	600	25 S4	80 oct.
	MISSOURI			
Black Walnut (St. Louis)	18 NNW	442	20	
Creve Coeur (St. Louis)	14.5 WNW	445	37	Lake E.
Ellisville	0.4 NE,hwy S	750	16 S2	80 oct.
Kratz(St.Charles)	1.1 ESE,RR S	442	30 L S6	80,91 oct.Port rnwy lgts.
(N)LAMBERT-ST.LOUIS (St. Louis) (NAS)	10.8 NW,hwy N,W	552	60h R3 L6 S6	80-100 oct. Rdo rqrd.
Machens (NC)	1 NNW	450	41	Pole line
Meremec(Valley Pk.)	1.5 ESE,riv N	440	30 L S2	80 oct.Port rnwy lgts. S.
(N)Neubeiser OLF (N)	22 NNW,riv N	438	20h	(St.Louis) CLOSED
Ross (St. Louis)	4.8 NNW,RR SE	430	30 S6	80,91 oct.Poles sur fld.
St.Charles	5.3 NNW,RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
Starling(St. Louis)	14 SSW,RR E	615	26 S4	80,91 oct.Obsts sur fld.
Sylvan Beach (Fenton)	2 NNW	442	42 L S2	80,91 oct.Port rnwy lgts. Pole line N.
Weiss (Kirkwood)	4 SW	430	15 S4	80 oct.Pole line NE,N.
	OREGON			
(P)Aurora Flight Strip	1.6 NNW,hwy W	196	41h	
Barrett-Schuler (Woodburn)	2.5 WNW,RR E	200	29 S1	73 oct.Pwr line NNE.
Bernard(Beaverton)	1.4 NNW,RR S	208	18 S6	80,90 oct.
Canby	0.5 NNW	150	17 S1	80 oct.Pwr line NE,SW
Columbia Co.(Scappoose)	1.2 NE,RR W	55	40h L S6	80 oct.Port rnwy lgts. Pole line N, NW.
Dwyer Landing Field (Portland)	7 SE,RR NW	200	16	Obsts ENE,WSW.Ditch around strip
Green Acres(Mulino)	1.9 SSW,RR W	269	18 S4	73,80 oct.No sto.Obst
Hillsboro	2.4 ENE,RR S	200	41h L5 S6	73,80 oct.No sto. SSE.
(A,N) PORTLAND AAB (A)	5 NNE,riv N	19	55h R2	CLOSED.Poleline W lgtd NATS.
Portland Birdsdale	8.5 E,RR N	220	23 S6	80,91 oct.
R.O.K. (Gresham)	2.2 W,RR S	285	26 S5	73 oct.No sto.Pwr line E
Sky Park (Oregon City)	2.7 SE,RR NW	440	27 S6	80 oct.P-line S. ENE.
Sportsman Arpk. (Newberg)	1 E,riv SW; RR N	173	23 S2	Ltd 80 oct.Trees NNE.
Troh's Skyport (Portland)	6 E,riv N	250	26 S6	80,91 oct.
Troutdale	1 NW,RR S	34	46h L3 S6	73,80 oct.
	TEXAS			
Bexar Co.(San Antonio)	7.1 SSW,rd W	640	32 S6	80,91 oct.Poles,trees N, NW, W, S.
(A)Brooks (San Antonio)	6.5 SSE,RR W	594	52h R1 L5 S6	73,91,100 oct. (A)
Craigg (Sayers)	1.8 W,hwy, N	650	41 S1	80 oct. RR N.
Davis (San Antonio)	6.7 N,RR SE	780	16 S1	80 oct.
Hurt (San Antonio)	6.5 WNW.	680	36 S6	80 oct. Hwy W.
(A)Kelly (San Antonio)(A)	6.8 SW,RR NE	676	75h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR STN
Kuehler(New Braunfels)	1.7 SE,riv NW	720	18	Pole line NW. Cattle.
Lake (San Antonio)	10 S,RR E	700	23 S2	73 oct.
Leon Valley (San Antonio)	8.6 WNW, hwy E	710	40 S6	80,91 oct.Pwr line N, W, NW.
(A)Martindale No. 4 (San Antonio) (A)	7.1 E,RR S	660	30h	
Mission(San Antonio)	4.5 S,hwy E	567	23 S6	80 oct.No sto.P-line NNE
(A)Randolph(San Antonio)	15.8 ENE,RR NW	752	70h R2 L5 S6	91,100 oct.No sto. (A)
SAN ANTONIO MUN.-ALAMO	7.8 N,RR SE	783	55h R3 L6 S2	73,80 oct.
Stinson(San Antonio)	6.2 SSE,RR E	567	49h R1	
Yates(San Antonio)	13.7 N,hwy W	968	33	
(A)Zuehl No. 6 (A)	0.8 NE,hwy NW	610	30h	
	WASHINGTON			
Auburn	1.0 ESE,hwy S	276	20 S6	80 oct. Trees.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
	WASHINGTON			
Barrys Sky Harbor (Tacoma)	2.3 ENE,riv SW	4	21 S3	80 oct.Pole line E.
Boeing-Renton (Renton)	0.9 NW,lake N	32	54h L5	Lgts prior req.
City View Arpk. (Tacoma)	4.5 NE	350	18	Pole line SW.
Enumclaw	1.5 WSW,hwy E	740	20 S2	Ltd 80 oct.Pwr line E.
Forrest Grove (Spanaway)	1.8 E,RR E	340	30 S6	80 oct.
Groves (Camas)	2.8 N,hwy E	350	16 S1	Ltd 80 oct. Lake SW,
Kent	1.5 SSW,riv N	30	30 S6	80 oct.
(P)KING CO.-BOEING (Seattle)	6 S,riv SW	15	75h R2 L5 S6	80-100 oct.No sto. ARPT OF ENTRY.
Kitsap Co.(Bremerton)	8 SW,hwy NW	482	50h L5 S6	80,91 oct.No sto. Lgts on req.
Lakewood (Tacoma)	7.5 SSW,RR E	243	22 S1	80 oct.Trees ENE,WSW
(A)McChord (Tacoma) (A)	7 SSW,lake SE	285	59h R3 L5 S6	73,91,100 oct.JP-1. FOREIGN CLEAR.STN
Mercer (Bellevue)	4.1 ESE,lake E	345	20 S5	80 oct. Tie-down sto.
Northern Tacoma (Puyallup)	1.3 N,RR N,S	20	19	
Puyallup	6 S,hwy W	520	45 S6	80,91 oct.Rnwy data unver.
R.C. Sugg (Orchards)	3.6 SSE,hwy S 6.8 E Vancouver	310	26 S6	80 oct.
Seattle Sky Ranch (Issaquah)	1.6 NNW,hwy S	50	25 S6	80,91 oct.No sto.Hill S.
(N)Seattle NAS (N)	6.5 NNE,lake E	37	51h R1/L6)S6	91,100 oct. NATS
Seattle-Tacoma (Seattle)	10.5 S,RR E	405	61h	Trees and hills sur.fld.
South Port Orchard (Port Orchard)	7.5 SSW,lake S	350	19 S4	80 oct.No sto.Trees N, S.
Spanaway Aircraft Co.(Spanaway)	1.2 SSE,RR S	375	25 S1	80 oct.Pole line S.
Tacoma	4.4 W,hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk. (Tacoma)	2.9 WSW,RR E	250	20 S4	80 oct.Sharp drop W edge fld.
Vancouver	1 SE	26	19 S6	Ltd 80 oct.No sto.
Vancouver, mun.	6.7 ENE	240	26 S1	80,91 oct. Hwy W.
NEW AIRPORTS				
Edwardsville (Ill.)	3.4 E;RR N	555	21 S2	No fuel. Pole line E,S.
Wells (Milwaukie, Ore.)	1.3 NE; RR W	158	17 S1	80 oct.

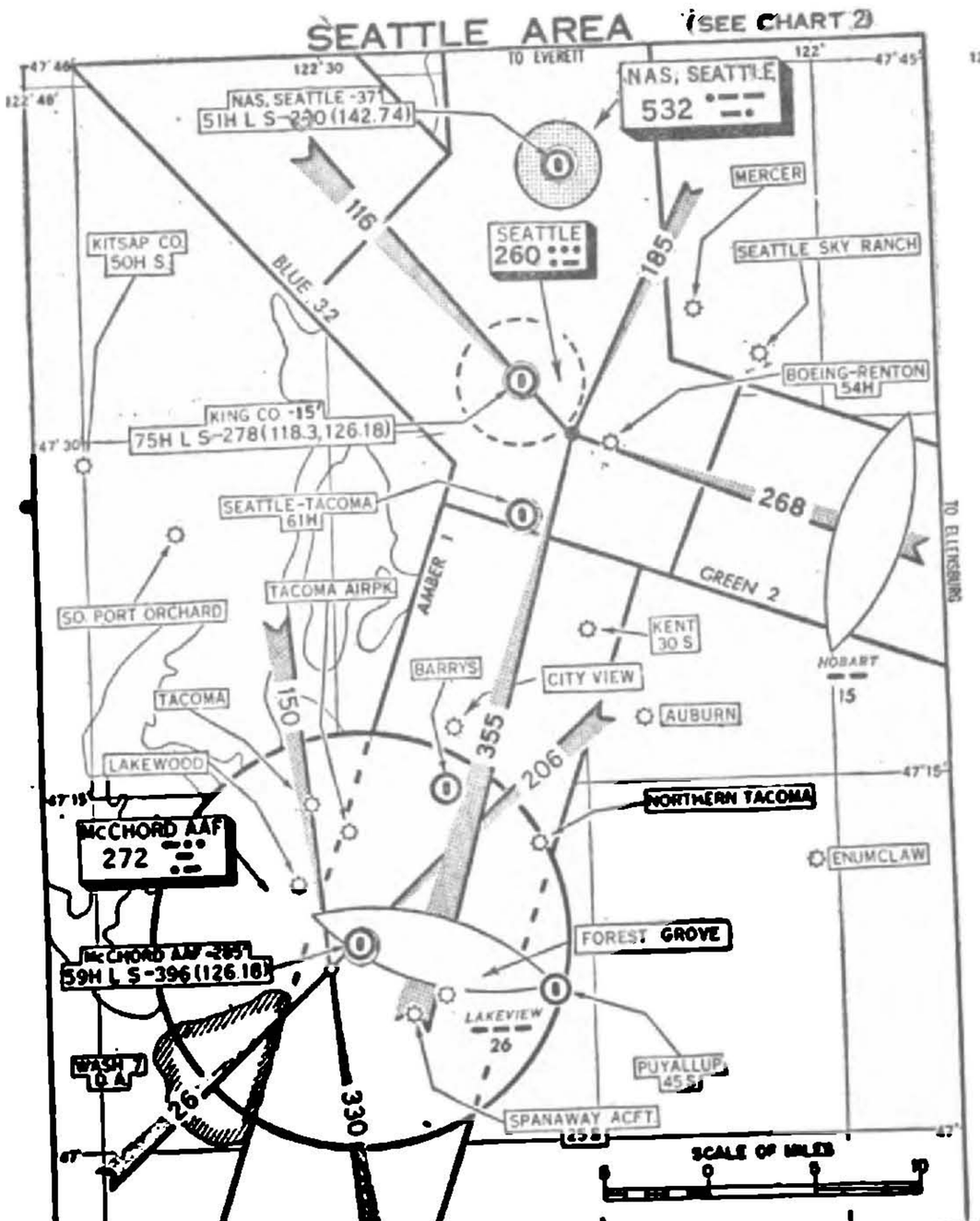
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
McCHORD (A)	109.9 (W)	333.8	337° Mag.	IM- (0.24)	MM- ·····(0.95)	OM- --(4.44)
					MMK-	OMK-
LAMBERT	110.3 (W)		239° Mag.	IM- ·····(0.06)	MM-	OM- --(3.56)
					MMK-201···(0.60)	OMK-
ALAMO	109.9 ---- ---	333.8	30° Mag.	IM-	MM- ----(0.68)	OM- --(4.36)
					MMK-	OMK-230 ---4.38
				IM-	MM-	OM-
					MMK-	OMK-

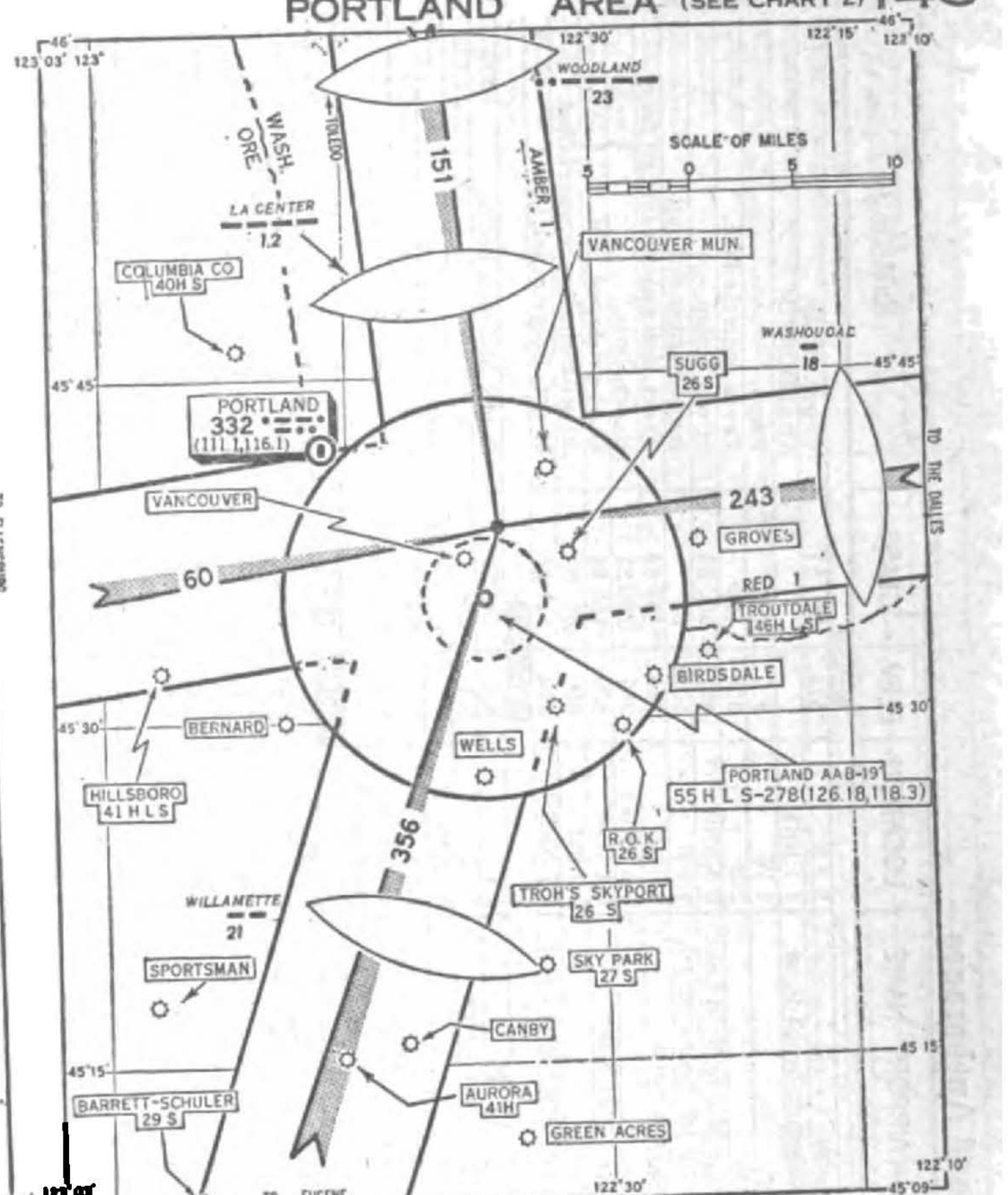
S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

H-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page x19 NC-(not charted) → NEW OR REVISED DATA.

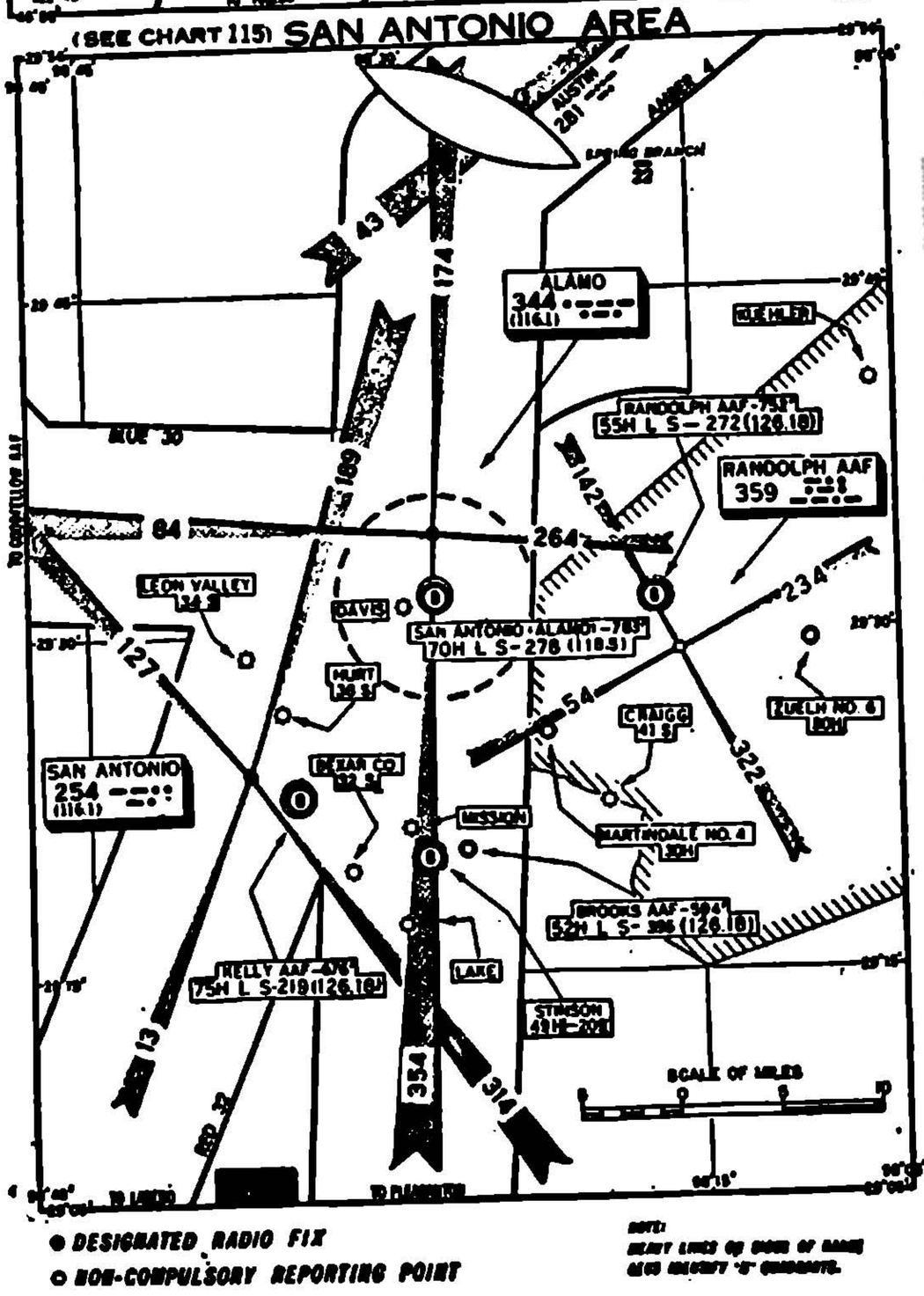
SEATTLE AREA (SEE CHART 2)



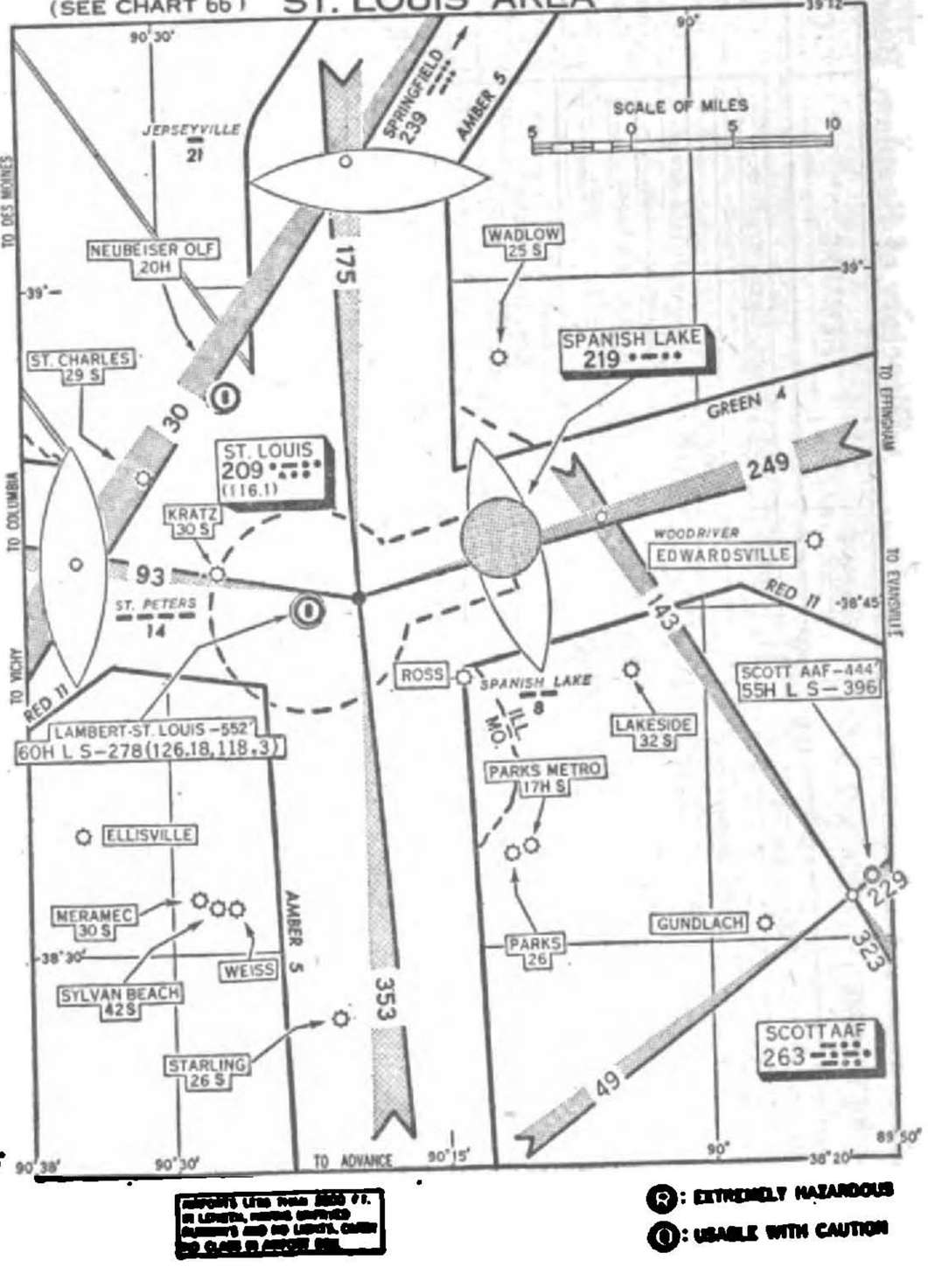
PORTLAND AREA (SEE CHART 2)



SAN ANTONIO AREA (SEE CHART 115)



ST. LOUIS AREA (SEE CHART 66)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON EDGE OF CHART INDICATE "S" BOUNDARY.

REPORTS LESS THAN 3500 FT. IN LOWER, HEAVY CONTROL ZONES AND ON LOWER, OTHER TO CLASS D AIRSPACE AREA.

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

Directory of Seaplane Bases and Anchorages

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		CALIFORNIA		
(N) Alameda NAS (N)	4.5 WNW	S.L.	211 R1 L5 S6	73,91,100 oct. Ramp, tractor.
Lakeport, Clear Lake	E of Lakeport	1325	Unl	Buoy
Oakland	6 S	S.L.	S4	Ramp;beach;haul-out.Data unver.
(N) San Diego NAS (N)	4.5 WSW	S.L.	106 R1 L S6	87,100 oct. Ramps;haul-out.
(CG) San Francisco CGAS (CG)	9 SSE	S.L.	132 L5 S6	91,100 oct. Ramps; all facs.
(N) San Pedro NAS (N)	2 ENE	S.L.	Unl. L1 S4	73-100 oct. Ramps; all facs.
		CONNECTICUT		
Connecticut Valley (Windsor Locks)	2.5 S		158 S4	80 oct. Hi-tension wires N. Closed winter. Data unver.
Cromwell	0.8 S;hwy W		90 S4	80 oct.Float;ramp.Data unver.
Greenwich	0.8 S	S.L.	Unl	PRIVATE.Ramp. Congested harbor.
Stratford,United Acft. Corp.	2 SW	6	53	PRIVATE, Ramp.
Westport	2 S	S.L.	40 S6	80 oct. Float; marine railway.
FOR DISTRICT OF COLUMBIA SEE PAGE 345		FLORIDA		
Avon Park, Lake Lotela	2 SE;RR SW	100	66 S1	80 oct. Beach.
(N) Banana River NAS (N)	11 SE Cocoa	S.L.	116 L S6	87,98 oct. Ramps; all facs.
Bradenton	Adj N	1	Unl S1	73 oct.;80 oct. on req.Ramp;float.
Clarcona, Hidden Acres	1.5 WNW	90	30 S6	80 oct. Data unver.
Daytona Beach, Bob Orrell	2 N	S.L.	264 S4	Ramp; float.
Daytona Beach, Raymond's	1.5 N	S.L.	Unl S6	80 oct.;91 oct req.Ramps;piers,boat
Fort Myers, Gulf Airways	2 N	S.L.	Unl S4	80 oct.Ramp;all facs. Data unver
(N) Jacksonville NAS (N)	7.2 S	S.L.	Unl R1 L5 S4	91,100 oct. Ramps; all facs.
Jacksonville, Riverside	Adj city	7	Unl S1	80 oct. Beach. Data unver.
(N) Key West NAS (N)	7 ENE	S.L.	130 R1 L S6	91,100 oct.Ramps;buoys.ARPT OF
Lakeland, Mun.	Adj NE	145	Unl S1	80 oct. Data unver. ENTRY
Lake Worth, Mun.	Adj city	S.L.	100 S6	80 oct.Ramp;beach.Obsts E. Data unver.
Leesburg, Hal Hoover's	1 N	15	Unl S1	80 oct.Ramp;beach;dock.Data unver.
Melbourne	Adj S	S.L.	Unl S1	80 oct. Float.
Miami, Chalk's	2 E;causeway N	S.L.	Unl S4	80 oct.Beach;ramps;winch.ARPT OF ENTRY. ARPT OF ENTRY
(CG) Miami,Dinner Key CGAS (CG)	2.5 SE	S.L.	150 L3 S4	100 oct.Ramps;haul-out.CLOSED.
Miami,E.Coast Avia.Service	8 NNE	S.L.	132 S4	80 oct.Ramps;buoys. Obsts.
Miami, Embry Riddle	2 E;causeway S	S.L.	65 S4	80 oct. Ramps.
Miami, Miami Aviation Ctr.	8.5 N	S.L.	Unl S1	80 oct. Data unver.
Orlando, Davis	2.5 NW	90	80 S1	80 oct. Ramp; dock.
Orlando,Orlando Aviation Country Club	5 N	90	60 S1	80 oct. Ramp; beach. Data unver.
Orlando, Raymonds	2 W	70	50 S1	80 oct. Float.Twr NE.Data unver.
(N) Pensacola NAS (N)	5.3 SW	S.L.	116 R1 L1 S6	87-100 oct, Ramps; all facs.
(N) Pensacola, Bronson NAAS (N)	12 WSW	S.L.	Unl	INACTIVE
St. Augustine	Adj SE	S.L.	Unl S1	80 oct. Float;beach;dolly.
St. Petersburg,Albert Whitted	0.75 SE	S.L.	Unl S6	80,91 oct.Data unver.
(CG) St. Petersburg CGAS (CG)	2.5 E	S.L.	Unl L S4	80-100 oct. Ramps.
St. Petersburg,James Johnstone	7 W	S.L.	Unl S6	80 oct.Ramp; all facs.Data unver.
St.Petersburg,Pinellas County	11 NNW	S.L.	Unl S1	80 oct. Data unver.
Tampa, Peter O. Knight	4 S; arpt N	S.L.	Unl S4	80,91 oct. Ramps;beach.All facs.
Titusville	Adj NE	S.L.	Unl S1	73 oct.;80 oct on req. Data unver.
West Palm Beach, Midet	1 N	S.L.	158 S4	80,87 oct.Ramps;all facs.ARPT OF ENTRY.
		ILLINOIS		
Alton,Clifton Terrace	3 W		53 S1	80 oct. Data unver.
		IOWA		
Davenport,Elliot Fly.Service	Adj S	550	50 S1	80 oct.
		LOUISIANA		
Shreveport, Cross Lake	5 NW	170	100 S4	80 oct.dock,ramp. Data unver.
Westwego	1 E	S.L.	53	PRIVATE. May Brothers.
		MAINE		
Bangor, Down East	3 NE		106 S4	80 oct.No sto.Ramp;float;beach. Data unver.
Bath, New Meadows	2.3 WNW;RR S	12	60	Beach. N,S approaches blocked.
Boothbay,Frank L.Sample,Jr.	Adj	S.L.	Unl S1	Ramp; float.
Brunswick,Riverside Arpk.	1 WNW;RR S	60	58 S1	80 oct. Beaching. Hwy S.
Dexter, Heart of Maine	0.5 N	433	40	Buoys; boat. Trees N,S,W.

CITY — AIRPORT NAME	LOCATION	ELEV.	CLASS	REMARKS
		MAINE		
Eagle Lake	3.8 N	574	70 S1	80 oct. Obsts.
East Holden,Holbrook Pond	1.1 NNE			ABANDONED
Eastport	1 W	S.L.	Unl	Ramp.
Fryeburg	2 E	358	120	Trees encircle lake.
Greenville,Moose Head Lake	0.6 NNW	1028	50 S4	91 oct. Ramp.
Greenville Jct.,Squaw Mt.Inn	1.5 N	1028	52	Buoy;boat;beach;float.
Madison,Tomlinson	6.8 NE	330	158 S6	80 oct.Boat;beach;ramp;all facs.
Naples	0.5 NNW	267	160 S1	80 oct. Boat.
Portage,Portage Lake	0.4 WSW	609	160 S4	80,91 oct.Beach;boat.
Shin Pond	0.7 SW	900	60 S1	80 oct.Buoys;beach;wharf.Obst.
Winthrop,Inland Fish & Game	2.7 NNE	212	127 S1	80 oct. Buoys;beach;float.
		MARYLAND		
(N) Annapolis NAF (N)	1 E	S.L.	Unl S2	Ramp; haul-out; buoys.
Baltimore,Middle River	10 E	S.L.	Unl	
Baltimore	6 SE;bay E		100 L1 S1	Ramps.
Glen Burnie-Whipp	1.5 E	50	100 S6	80 oct. Ramp.
(N) Patuxent River NAS (N)	2.9 NE of Jarboesville	S.L.	Unl R1 S4	90,100 oct. Ramps; buoys.
		MASSACHUSETTS		
Agawam	1 SSE	30	100 S6	80 oct. Ramp; all facs.
Beverly,Jubilee Yacht Club	Adj S	S.L.	105 S1	Beach;dock. Avail.May-Oct.
Chatham	Adj W	S.L.	33 S2	Ramp; dolly; buoy.
Fall River	2 E	131	119	Data unver.
Gloucester	0.3 W	S.L.	50 S4	80 oct.No sto.Moorings;float.Data
Holyoke,Smiths Ferry	4.5 N	100	95	Obsts NE,SW. unver.
Lawrence,Merrimac Val'y Skypt	2 E	7	83 S4	No sto.Ramp;float.Data unver.
" Merrimac Valley Skyport	3 W	50	57 S4	Data unver.
Lowell	1 W	95	92 S3	Data unver.
New Bedford	In harbor	S.L.	Unl	Data unver.
(CG) Salem CGAS (CG)	2.5 E	S.L.	150 S4	91,100 oct. Ramps.
South Hadley	1 W	95	100 S4	80 oct. Data unver.
(N) Squantum NAS (N)	0.8 W	S.L.	Unl S4	73-100 oct.Ramps;buoys;haul-out.
Swansea,Swansea Boat Yard	2.5 SSW	S.L.	211	Float;buoys;beach.
		MICHIGAN		
Algonac	2.8 W	574	50 S1	73 oct.
Bay City,James Clements	3.7 S	580	35 S4	80 oct.Data unver.
Comstock Park,Grand River	1 S		50	Data unver.
Curtis,Ostrander's Forest Inn	1 N		Unl S1	80 oct. Moorings. Data unver.
Detroit, Motor Boat	6 ENE	575	Unl S1	Dock. Peach Island S.
Detroit Seapl.Patrol Base Inc.	4 ENE	575	Unl S1	73 oct. Dock. Belle Island S.
Iron Mountain,Lake Antoine	1 NE		Unl.	Beach. Data unver.
Kalamazoo, Austin Lake	8 SSE;RR E	855	100 S4	80 oct.Boat;beach,tractor.
North Muskegon,Interstate	0.3 S	581	100	Ramp; boat, dolly.
Old Mission	Adj E	581	120 S1	80 oct. Beach. Data unver.
St.Clair Shores, Jay Bee	Adj		Unl S1	80 oct.Ramp.Data unver.
Trenton, Hance	5 NNE	574	Unl S1	73,80 oct. Beach; ramps.
Whitmore Lake	1 NNE	894	84 S4	Beach; boat; ramp.
		MINNESOTA		
Bemidji, Moberg	1 NNE	1350	Unl S6	80 oct.Ramp,motor boat,dolly.
Ely	1.5 W	1337	110 S2	80 oct. Ramps; dock.
Little Falls,Scenic Airways	0.5 N	1110	35 S1	80 oct.Ramps;beach. Poles S.
Marcel, Ranier	0.5 E	1300	30	Trees around lake.
		MISSISSIPPI		
(CG) Biloxi CGAS (CG)	2 ESE	S.L.	54 S4	91 oct. Ramp.
		NEW HAMPSHIRE		
Alton Bay, Interstate Airways	Adj N	504	Unl S1	80 oct.Ramp;buoys;wharf.Data unver.
Hooksett	2 S	2	80 S6	80 oct.Beach;ramp;tractor.
Lakeport,Paugus Bay	1 NE	504	100 S4	73 oct.Beach;boat;ramp.
The Weirs, Weirs	0.3 SE	504	210 S4	80 oct. Ramps.
Wolfeboro	0.5 SE	504	180 S1	80 oct. Boat; wharf.
Wolfeboro,Lakes Region	2.7 W	504	60 S1	80 oct. Ramp; all facs.
Worfeboro,Lake Winnepesaukee	3 WSW		60 S1	80 oct. Data unver.
		NEW JERSEY		
(CG) Cape May CGAS (CG)	2 NW	S.L.	60	*Ramp;haul-out;buoys.INACTIVE.
Little Ferry	0.5 E;bridge N	5	40 S6	80 oct.Boat;ramp;tractor.

R-radio facilities. L-lighting facilities. S-servicing. (See page 81) → NEW OR REVISED DATA. N.B. Seaplane bases and anchorages are not charted or indexed.

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
NEW JERSEY				
Perth Amboy	0.5 S of bridge	5	Unl S1	80 oct. Ramp;all facs.Data unver.
Ridgefield Park,Lambrose Air College	0.5 S	5	40 S4	80 oct.Boat; ramp; winch.
Ridgefield Park,Mellor-Howard	1 S	5	35 S4	80 oct. Ramp; all facs.
Secaucus,Dawn Patrol	0.5 N;bridge SW	5	50 S2	73 oct. Winch.
NEW YORK				
Alplaus, Wells	0.5 SW	200	50 S4	80 oct.No sto.Ramp.Hi-line E.
Athens	Adj E		Unl S1	73 oct.Float.Data unver.
Babylon Skyport	1.5 SW	S.L.	Unl S4	80 oct. Ramps;boat.
Buffalo	7.3 NW	570	103 S6	80 oct. Ramps; all facs.
Cooperstown,Otsego	Adj NNE	1194	Unl S1	80 oct.Float;ramp,buoys;winch
Dobbs Ferry	0.5 SW	5	100	Marine Ry;ramp;winch;float.
Eagle Bay, Adirondack	0.3 S	1707	70 S1	80 oct. Beach.
Lake George, Hall's	0.5 E	330	52 S1	73 oct. Ramp; all facs.
Montauk Yacht Club	2.5 NE	S.L.	Unl S1	87 oct.Buoys;floats.Avail.May-Oct.
New York,Downtown Skyport	Foot Wall St.	S.L.	S1	Floats.
New York, Evers	11 NE	5	70	Ramp;buoy;boat;winch.Bridge SSW.
(N) New York NAS (N)	11.8 SSE	S.L.	100 S4	73,91,100 oct.Ramps;tractor.
New York, La Guardia	5 E	S.L.	211 L1 S6	73-100 oct. Ramps;winch;buoys.
North Long Beach	0.4 N;bridge SW	S.L.	75 S4	80 oct. Ramp; float.
Ossining, Pickair	0.5 W	3	158 S4	80 oct. Boat; ramp.
Oyster Bay,Cold Spring Harb.	2 E	10	50	Buoys;beach;boat;dolly.
Piseco, Knox Bay	1.5 S	1661	163	PRIVATE.Boat;beach;tractor.
Port Washington,Grumman	1.5 NW	S.L.	158 S4	Ramps; all facs.
Rochester,Point Pleasant	6 NE	246	Unl S1	80 oct. Ramp;float;dock
Round Lake	0.5 E;RR S,W	188	48 S4	80 oct.Beach;boat,tractor.
Sag Harbor	0.5 N	5	103	PRIVATE.Ramp;tractor.
White Stone, Queens	1 N	S.L.	200 S4	80 oct. Ramp; dock.
Yonkers	S end	S.L.	Unl S4	80 oct.Ramp;moor.Clsd Dec.15-Mar. 15.
NORTH CAROLINA				
(CG) Elizabeth City CGAS (CG)	3.5 SE	S.L.	106 L1 S4	91,100 oct. Ramps; all facs.
Elizabeth City,Harvey Point	13 S	S.L.	Unl	Ramps.
OHIO				
Cleveland,Breckling Air Svc.	2.5 NE	573	30 S4	80 oct.No sto.Ramp;boat;buoy.Data unver.
OREGON				
Milwaukie, Portland	3 W	10	32 S4	80 oct.Ramps;boat;beach;winch.
Ocean Lake,Devils Lake	0.7 E	S.L.	59 S4	80 oct.No sto.Beach;winch.
Portland, Safley's	5 NNW	26	60 S1	Ltd 80 oct.Ramp;beach,winch.
PENNSYLVANIA				
Beaver	0.5 S	670	50 S1	80 oct. Boat;beach;ramp;tractor.
Coraopolis	0.5 N	675	50 S1	80 oct. Boat;ramp.
Edinboro	1.2 NNW	1200	Unl S1	Ltd fuel.Beach;boat;haul-out.
Harrisburg,Air-Harbor	1 SSW;brdg SE	300	30	Closed for winter
Kittanning, Sedwicks	0.2 W	769	50	Float; beach; boat.
Milton	1.5 SW	440	50 S	Svcg from Milton Airport.
Oakmont	Adj NW	725	52 S1	80 oct. Float.
Philadelphia	10 SW	S.L.	Unl S6	80,91 oct.Ramps;all facs.
Philadelphia,Phila. Skyport	Ctr of city	S.L	Unl S6	Boat;all facs.Data unver.
(N) Philadelphia, Mustin NAS (N)	4 S	S.L.	120 S6	87-100 oct. Ramp.
Pittsburgh, Buck's	at riv.intxn	715	70 S6	87 oct.Boat;beach;ramp;winch.
Pittsburgh,Dravosburg	5 SE;jct rivs	718	50 S2	80-100 oct.Ramp;float;boat.
Pittsburgh,Highland	5 NNE	721	66 S6	80 oct.Ramp;all facs.Data unver.
Rochester	0.5 S	670	78 S1	80 oct. Float; boat.
RHODE ISLAND				
Newport	3 NW	S.L.	Unl	Ramps;buoys;boat.
(N) Quonset Pt.NAS(Providence)(N)	16.5 S	S.L.	Unl L5 S6	91,100 oct. Ramps;all facs.
TEXAS				
(N) Corpus Christi NAS (N)	9.5 SE	S.L.	Unl R1 L3 S5	91,100 oct. Buoys; ramps.
La Porte, Fay Brothers	2 NE	S.L.	Unl S1	No sto. Floats;marine ry;Data unver.
VIRGINIA				
(N) Dahlgren NAF (N)	Adj SE	S.L.	S2	Ramp.
(A) Langley (A)	3 N Hampton	5	105 S2	Dock.Closed during ice period.
(N) Norfolk NAS (N)	6 N	S.L.	123 R1 L1 S6	87,91,100 oct.Ramps; all facs.
(N) Quantico MCAS (N)	1 S	S.L.	180 S4	Buoys; boat; ramp.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
WASHINGTON				
Bellingham	5 ESE	307	158 S2	73 oct. Boat; ramp; winch.
Lakeside Fly.Svc.	3 E	307	106 S1	73 oct. Buoy; boat.
Bremerton	0.75 E	S.L.	211 S6	80 oct. No sto.Ramps;winch;hoist.
(N) Bremerton NAS (N)	0.5 S	S.L.	Unl S4	Ramp; buoys; haul-out.
Chelan, Air Harbor	0.8 W	1079	Unl S1	73 oct. Boat; beach; ramp.
Coulee Dam	3 ESE	1275	Unl S2	73 oct. Boat;beach;marine ry.
Longview,Sky Harbor	1.3 ENE	5	37 S1	73 oct. Float; beach.
(N) Oak Harbor NAS (N)	0.5 SE	S.L.	Unl R1 L4 S	Fuel,sto,flood lgts prior req.
Oroville,Dorothy Scott	1.7 N	913	52	Boat; beach. Ramps;buoys
(CG) Port Angeles CGAS (CG)	2 NNE	13	Unl S4	Ramp; all facs.
Port Townsend	Adj S	S.L.	150 S4	Ltd fuel. Buoys.
Prosser, L & D	1 W	632	76 S1	80 oct. Ramp,100' pole line WSW.
Seattle,Kurtzer Flying Service	In city	S.L.	79 S4	80 oct. Ramps; hoist.
(N) Seattle NAS (N)	6 NNE	36	300 L S6	87-100 oct. Ramps; all facs.
Seattle, Seattle Service	In city	20	53 S2	80 oct. Ramp; boat.
Tacoma, Float Haven	0.7 NE;brdg SSE	S.L.	26 S1	80 oct.Ramp;floats;boat;winch.
Wenatchee	0.5 E	600	53 S1	73 oct. Boat; beach,; ramp.
WEST VIRGINIA				
Charleston,Kanawha Flying School	Ctr of city	560	50 S6	80 oct. Boat;ramp,winch.
South Charleston	W of city	560	Unl S6	80 oct.Boat;ramp;winch.Data unver.
Wheeling	Ctr of city	630	50 S1	87 oct. Boat. Bridges S.
WISCONSIN				
Drummond,Smith Lake	9.5 W		30 S1	80,91 oct. Tie-down;dock;buoy.Data unver.
Madison, Jackson	3 WNW	849	Unl S2	80 oct. Dock; float.
Milwaukee	3 ESE;hwy W	585	185 S6	80,91 oct.
NEW AIRPORTS				
Kingston,Aero Lake(N.Y.)	3 7 SSE;RR W	220	32 S4	80 oct. Trees sur lake.
(N) Anacostia NAS (N) (D. C.)	2.4SE Monument	8	106 S4	87-100 oct.Ramp; all fac prior req.
Cater-White (New York,N.Y.)	City limits on Hudson river.		Unl S6	80 oct. Floats.Data unverified.
Ticonderoga, (N.Y.)	3 S		unl	Float;dock;beach. Data unver.
Fort Worth (Tex.)	9 WNW,E shore		100 S4	80 Oct. Docks, floats
Sausalito (Calif.)	Richardson Bay		Unl S4	80,81 oct.Data unver.
Tippecanoe (Leesburg,Ind.)	3.5 E		211 S4	80 oct.No sto.Data unver.W end of lake
Thompson (Louisville,Ky.)	In town		Unl	S side Ohio river;E of bridge.
→ G.I.Flying Service (Coeur d'Alene,Idaho)	.07 S	2140	Unl S4	Buoys;ramp;beach;boat.

✓ CAUTION- MANY SEAPLANE LANDING AREAS IN THE NORTH ARE CLOSED DURING WINTER MONTHS BECAUSE OF ICE.

OPERATION OF SEAPLANES ON THE NEW YORK STATE CANAL SYSTEM:

AN OFFICIAL COMPLAINT HAS BEEN RECEIVED FROM THE STATE OF NEW YORK, DEPARTMENT OF PUBLIC WORKS, THAT THE NEW YORK STATE CANAL CHANNEL IS BEING USED FOR THE TAKING OFF AND LANDING OF AIRCRAFT. THIS CHANNEL IS VERY NARROW AND HAS NUMEROUS CURVES. AIRCRAFT LANDINGS AND TAKE-OFFS ON THIS CHANNEL, THEREFORE, ARE DANGEROUS AND PRESENT A HAZARD TO CANAL TRAFFIC AND SMALL BOATS. ALL AIRMEN ARE CAUTIONED THAT SUCH ACTIVITIES MAY CONSTITUTE CARELESS OR RECKLESS OPERATION OF AIRCRAFT.

R-radio facilities. L-lighting facilities. S-servicing. (See page xii) → NEW OR REVISED DATA. N.B. Seaplane bases and anchorages are not charted or indexed.

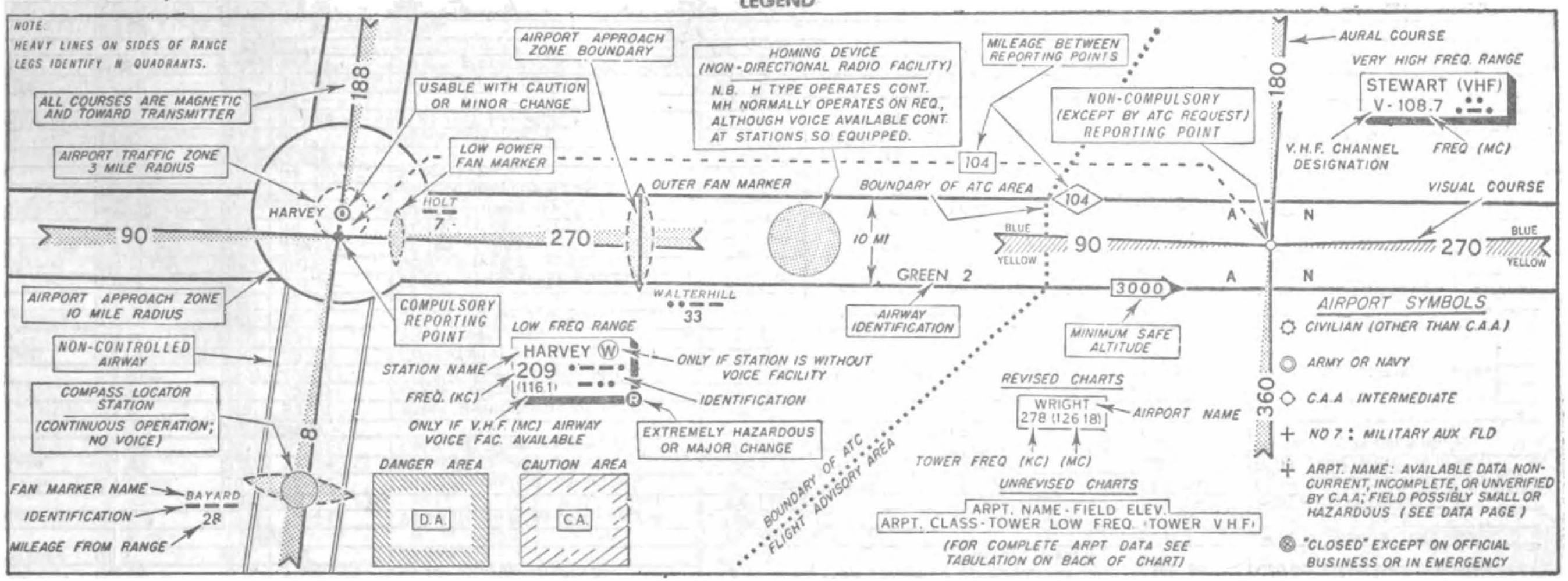


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

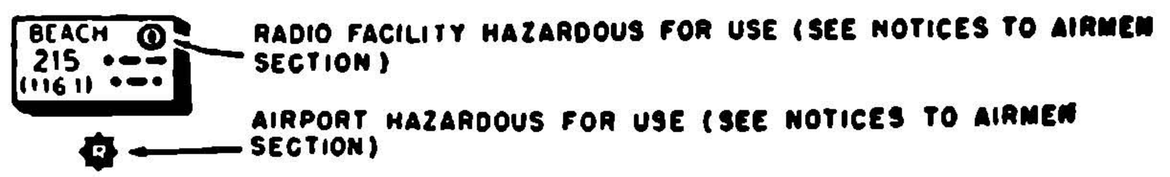
The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.



RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

NOTICES TO AIRMEN

SPECIAL NOTICES

ARMY DATA: Advice covering Air Forces Fields or Air Forces Operations on civil fields, or AAF Radio Facilities, and Danger or Cuation Area activation, as well as requests for approval for the closing of any Army airfields to transient military aircraft for a period in excess of 10 days should be directed to: COMMANDING GENERAL, AIR TRANSPORT COMMAND, WASHINGTON 25, D. C. ATTENTION: HEADQUARTERS FLIGHT SERVICE, FLIGHT OPERATIONS. Information to be published will be coordinated and submitted to the C.A.A.

NAVY FACILITY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/ground communications facilities, instrument approach procedures and navigational aids, should be directed to: THE DIVISION OF AIR NAVIGATION, HYDROGRAPHIC OFFICE, WASHINGTON 25, D.C., for transmittal to the C.A.A. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946 , approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

✓ USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF Regulation 85-2. The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorized use of such fields and will be transmitted in Remarks section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters 'A, N, or P' in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

(2) Official Business: Within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

(3) Policy of Army Use of Temporarily Inactive Airfields. (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS." (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE - NO FACS.". The aforesaid policy statement is not to be construed as countermanding any AAF Regulation or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" Army Air Fields: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

MILITARY AND NAVAL LANDINGS IN NEWFOUNDLAND: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

RESTRICTIONS ON AAF HELICOPTERS: YR-5A, R-5A, YR-5D, R-5D (except as indicated below*) and YR-5E helicopters may be released for flight only upon compliance with TO-01-230 HB-13 and -14.

*R-5D helicopters No. 43-46843 and subsequent have been modified by the contractor and may be released for flights.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash.; Great Falls AAF, Mont. BERMUDA - Mitchel Field, N. Y.; Morrison Field, Fla.; Washington National Airport, D.C.; or Westover Field, Mass. CANADA - Great Falls AAF, Mont.; McChord Field, Wash.; Washington National Airport, D.C.; Selfridge Field, Mich.; or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif.; Kelly Field, Tex.; or Morrison Field, Fla. CARRIBBEAN - Morrison Field, Fla., or Kelly Field, Tex.; ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., and Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ OPERATING PROCEDURE WITH FLIGHT SERVICE UNDER AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases. No change Reference: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases. AAF aircraft departing from non-AAF bases will file a complete flight plan with, and secure approval from the nearest Flight Service Center prior to takeoff, or as outlined in AAF Regulation 60-22. Communications with a Flight Service Center may be established by direct telephone to the center; or by a radio call to the nearest AAF Base or AACS Airways radio station. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA directly through CAA Communications facilities. If CAA Communications facilities are not available, however, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute. AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS Airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of Instrument Flight Rule (IFR) Flight Plan,

✓ Indicates new or revised Special Notice

or CFR to IFR, or IFR to CFR enroute. AAF aircraft requiring a change of route, altitude, point to first intended landing, cruising speed or alternate airport, or change from CFR to IFR or IFR to CFR enroute, will contact a CAA communications station for coordination and approval by CAA Airway Traffic Control and Flight Service. If communications with CAA communications station cannot be established, AACS Airways radio station will be contacted for coordination and approval by CAA Airway Traffic Control and Flight Service. (5) CFR Position Reports. When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS Airway radio stations enroute and receive any necessary advisories from Flight Service. (6) IFR Position Reports. When flying under IFR conditions, pilots will first make position reports to CAA communication stations as heretofore required, and will then make position reports to AACS Airways radio stations in order that the responsible Flight Service Center may furnish any necessary advisories. (7) Voice Calls. AACS Airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways" This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS Airways Stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service
A	116.10 mc.	CAA AIRWAYS (RANGE STATIONS) *AACS Airways (Plan 62)
B	126.18 mc.	CONTROL TOWERS
C	137.88 mc.	AACS AIRWAYS (PLAN 62) *Control Towers
D	140.58 mc.	MILITARY EMERGENCY AND GCA FINAL APPROACH CONTROL

*Available for service indicated on a secondary basis.

(9) It will be some time before all AAF aircraft are equipped for operation on AACS Airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS Airways frequencies will contact airways stations whenever possible rather than AAF control towers.
(10) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington Pittsburgh New York Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 " 93470
Jacksonville Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis New Orleans Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery 69
Cleveland Cincinnati Detroit Chicago St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691,88692
Fort Worth San Antonio	Fort Worth Flight Service Center Fort Worth, Texas	Ft. Worth 77251
Denver Minneapolis Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 Denver LD 117
Los Angeles Albuquerque El Paso	March Flight Service Center Riverside, Calif.	Riverside 7107,7108
Oakland Salt Lake	Hamilton Flight Service Center San Rafael, Calif.	San Rafael 770
Great Falls Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD 20 Tacoma LD 21

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of March 3, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area, (encompassed by a 25-mile radius from the southern tip of Manhattan).

(a) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for or any authorized field therein, but will in all cases secure in-flight clearance from Mitchel Field (Army Flight Service) prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Field. Mitchel Field (Army Flight Service) will approve further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR. (a) When the visibility is not less than 1 mile and the ceiling is unlimited.
(b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(b) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields, other than Mitchel, will be cleared subject to the conditions listed above for CFR and IFR clearances. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

VHF CHANNEL ASSIGNMENTS:

Following are Army assignments: CHANNEL	ARMY FREQUENCY	Following are Navy assignments: CHANNEL	NAVY FREQUENCY
A	116.1	A	116.1
B	126.18	B	126.18
C	137.88	C	140.58
D	140.58	D	142.74
G	137.70	1	124.38
H	134.10	2	128.70
U	108.3	3	142.02
V	108.7	4	142.56
W	109.1	5	144.36
		6	146.16

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, U.S. CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES, CANADIAN REGULATIONS FOR CFR AND IFR FLIGHTS, FLIGHT INTO PANAMA CANAL ZONE: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 1, No. 2, dated Jan. 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

FLIGHT INFORMATION MANUAL CORRECTIONS AND ADDITIONS: Correct Chapter VII of Flight Information Manual, by (a) carrying Presbyterian Church #3 Airport under St. Francisville, Ill., instead of Lawrenceville, Ill. (b) by changing the correct location of Kingman Flying Service, Arpt, Ind., as follows: Lat. 39-58, long. 87-16: (c) by carrying Lexington Co. Airport under Columbia, S. C., instead of Charleston, S. C.; (d) by carrying Alma under Arkansas instead of Alabama.

C.A.A. OVERSEAS/FOREIGN AERONAUTICAL COMMUNICATIONS STATIONS TRANSMITTING FREQUENCIES:

New York (WSY)	*2870	3248	3285	6563	6577	8538
New York	8554	11319	12,776			
Miami (WBR)	2870	2930	3082.5	3285	5122.5	
Florida	5692.5	6515	6523	6583	6590	
New Orleans (WEX)	2870	2968	3082.5	5692.5	6490	
Louisiana						
San Francisco (KSF)	2976	3385	5165	6557	6570	
California	8569	12.824				
Seattle (KCJ)	1638	2912	3082.5	3285	5037.5	
Washington	6523	9980				
Anchorage (KIS)	1674	2946	5672.5	6537	9980	
Alaska						
Honolulu (KVM)	2976	3395	3405	5165	6557	6577
T.H.	6515	6577	11,369			

*Underlined frequencies normally are utilized for radiotelephone transmissions; the others are utilized only for radiotelegraph transmissions. These Civil Aeronautics Administration stations normally provide receiving watches for simplex operation on the frequencies used (transmission and reception on the same frequency.) However, arrangements for cross-band operation may be made between the aircraft operator and the station concerned.

MEXICAN ENTRY FEES: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. For Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly re-checked and a new chart will be issued as soon as possible.

SAN JUAN, P.R., PRE-FLIGHT CLEARANCES: The Isla Grande Airport at San Juan, Puerto Rico is a part of the U.S. Naval Air Station, San Juan. Commercial air carriers may not operate at this field without receiving specific authorization from the Chief of Naval Operations, Washington, D. C. The Commanding Officer, NAS, San Juan, may grant permission for one or two isolated landings. In any case, proper authority must be obtained prior to landing at San Juan. Privately owned aircraft in a ferry status must obtain permission from the commanding officer before landing at Isla Grande Airport.

GOAT ISLAND, JAMAICA COAST GUARD RADIOBEACON: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

PALISADOES AIRPORT FACILITIES, KINGSTON, JAMAICA, B.W.I.: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs. only, and guards 2870, 3105, and 6210 kcs.

It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communication Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and ngt in the Carribbean Area. Flight plans may be filed for transmission to Palisadoes through the CAA - operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

NOTICE OF CONSTRUCTION OF NEW LANDING AREAS: Part 525 of the Regulations of the Administrator of Civil Aeronautics will be amended April 6, 1947, by the addition of a new paragraph. The basis and purpose of the new paragraph is:

The construction of a landing area within 5 miles of an existing landing area may constitute a hazard to the navigation of aircraft in air commerce, unless proper notice of such construction is given to all airmen and the traffic pattern for such landing area is coordinated with that of the existing landing area. To accomplish such notice and coordination, the Administrator of Civil Aeronautics must be notified of the construction of any landing area and any boundary of which will be located within 5 miles of an existing landing area. Below is the entire Part 525:

PART 525 - NOTICE OF CONSTRUCTION OR ALTERATION OF STRUCTURES ON OR NEAR CIVIL AIRWAYS: "525.1 Notice Required". Any person before engaging in the construction or alteration of any structure along or within 20 miles of a civil airway, in other than congested parts of cities, towns, or settlements, shall give notice thereof to the Administrator of Civil Aeronautics if the top or any part of such structure is, or may become, by reason of such construction or alteration greater than 150 feet above ground level, or above mean water level where the structure is, or will be, situated in or over navigable water. Like notice shall also be given to the Administrator of Civil Aeronautics if the top of any part of such structure is, or may become, by reason of such construction or alteration, greater than 5 feet above ground level, or above the mean water level where the structure is or will be situated in or over navigable water, for each 500 feet, or fraction thereof, of the distance that the structure is, or will be, situated from the nearest boundary of a landing area. "525.10 Construction of Landing Areas". Any person who engages in the construction of a landing area, as defined in section 525.3, any boundary of which will be within 5 miles of the nearest boundary of an existing landing area, shall give notice thereof to the Administrator of Civil Aeronautics. "525.2 Form of Notice". The notice of construction or alteration shall be submitted in triplicate on the form prescribed and furnished by the Administrator at least 30 days, but not more than 45 days, prior to the date on which such construction or alteration is to begin: Provided, that in case of an emergency requiring immediate construction or alteration such notice shall be given to the nearest representative of the Administrator in person, or by telephone or telegraph, and the executed form shall be submitted within 5 days thereafter. "525.3 Definitions:" As used in this regulation, - (a) 'Congested parts of cities, towns or settlements' means (1) sections of those cities, towns or settlements which have a population of less than 100,000, where a structure after construction or alteration will be shielded by existing structures of a permanent and substantial character, each of which is equal to or greater than the height of the completed structure, and (2) sections of those cities which have a population of more than 100,000, where it is evident beyond all reasonable doubt that a structure will not interfere with safety in air commerce whether or not the structure is, or will become by reason of the construction or alteration, greater in height that that of surrounding structures of a permanent and substantial character. (b) 'Landing Area' means any landing area, as defined in section 1 (22) of the Civil Aeronautics Act of 1938, as amended, and which is contained in the current list of landing areas issued by the Administrator on November 1 of each calendar year for the enforcement of this regulation.

(c) 'Boundary of a landing area' means (1) the limits of that part of a landing area maintained for the use of landing aircraft in taking off or landing, or (2) the limits of that part of a landing area suitable for water aircraft in taking off or landing, which limits are defined as being 5000' in all directions measured over open water from the principal ramp of the landing area or, if marked in accordance with standard practice, the limits so marked. (d) 'Structure', unless otherwise stated, means any form of construction of a permanent or temporary character, including any apparatus used in the construction, alteration, or repair of any such structure. (e) 'Alteration' means any change in a completed structure which (1) increases the height of the top or any part of the structure to, or above, the height specified in Section 525.1, or (2) increases or decreases the height of the top or any part of the structure which is above the height specified in Section 525.1. "525.4 Effective Date". This regulation shall become effective on November 1, 1941, and shall apply to the construction or alteration of any structure in progress on that date, except that in such cases the prescribed notice shall not be required until November 1, 1941 This regulation shall apply immediately to any new landing areas contained in the list of landing areas published and issued by the Administrator on November 1 of each calendar year, except that, in the case of construction of alteration of any structure which is already in progress on that date, the prescribed notice shall not be required until 15 days after that date".

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire on July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date. No red tape or written application is involved in the exchange. The pilot merely presents his old-type certificate to a CAA inspector, who immediately issues a new type certificate. A pilot can arrange to make the exchange at a CAA regional or district office, or during a CAA inspection trip to his local airport. The new-type certificates will be valid for at least 24 months from the date of issue, and the Civil Aeronautics Board is considering extending them for an even longer period.

NEW PRIV.FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 and 131.9 mcs as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs but the communications stations program is not fully effective yet because of non-receipt of the new receivers.

CAA communications stns will reply to itinerant aircraft on 111.1 mcs or the voice channel of the VHF radio range. CAA arpt control towers will reply to itinerant acft on 1 of the freqs. 118.3,118.5,118.7,or 118.9 mcs.See individual data pages in AIRGI for inclusion of these freqs. as commissioned.

U.S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding, instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area effective Feb. 18, 1947. Non-air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, N. Y., for copies of applicable Operations Letters describing these procedures.

REDESIGNATION OF CIVIL AIRWAYS: Effective March 15, 1947, Part 600 of the Regulations of the Administrator was amended to read in whole or in part as follows: (1) Green airway #2 (Seattle to Boston) . . . Dickinson range station; Bismarck range station; Jamestown, range station; the intersection of the E leg of Jamestown and the W leg of Fargo; Fargo range station . . . (2) Green airway #4 (Los Angeles to Philadelphia) . . . Indianapolis range station; the intersection of the E leg of Indianapolis and the W leg of Columbus; Columbus range station . . . (3) Amber airway #6 (Jacksonville to U.S.-Canadian Border). . . From Columbus range station to the intersection of the NE leg of Columbus range and the W leg of Cleveland. From the intersection of the E leg of Cleveland and the SW leg of Clear Creek to the intersection of the SW leg of Clear Creek and the U.S.-Canadian Border. (4) Red airway #14 (Lone Rock to Louisville) . . . Rockford range stn to Joliet, rng stn. From Chicago rng stn via the intersection of the SE leg of Chicago and the W leg of Goshen; Indianapolis range station. . . (5) Red Airway #21 (Lansing to Newark). From Lansing, range station to the intersection of the SE leg of Lansing and the W leg of Romulus. From Romulys range station to the intersection of the SE leg of Romulus and the W leg of Cleveland. From the intersection of the W leg of Cleveland and the NW leg of Akron via Akron range station. . . (6) Red airway #27 (Knoxville to Detroit). . . . Toledo range station to the intersection of the N leg of Toledo and the W leg of Romulus. (7) Red airway No. 28 (Rockford to Grand Rapids). From Rockford range stn to the intersection of the SE leg of Rockford and the S leg of Milwaukee. From Chicago range station. . . (8) Red airway #55 (Burlington to Joliet) From Burlington, Iowa range station via Peoria, range station to the intersection of the E leg of Peoria and the SW leg of Joliet. (9) Red airway No. 59 (Toledo to U.S. - Canadian Border). From the intersection of the N leg of Toledo and the SW leg of Windsor to the intersection of the SW leg of Windsor and the U.S.-Canadian Border.

AIRWAY TRAFFIC CONTROL AREAS: Effective March 15, 1947, Part 601 of the Regulations of the Administrator was amended to read in whole or in part as follows: (1) Red airway #21 ATC Area (Lansing to Newark). All of Red airway #21. (2) Red airway #27 ATC Area (Knoxville to Detroit). All of Red airway #27 from Knoxville range stn to a line extended at right angles across such airway thru a point 25 miles NE of Knoxville rng stn and from a line extended at right angles across such airway through a point 25 miles S of Cincinnati range station to the intersection of the N leg of Toledo and the W leg of Romulus. (3) Red airway #28 ATC Area (Rockford to Grand Rapids). All of Red airway #28. (4) Red airway #59 ATC Area (Toledo to U.S.-Canadian Border). All of Red Airway No. 59. (5) Red airway #55 ATC Area (Burlington to Joliet). All of Red airway #55.

REDESIGNATION OF RADIO FIXES: Effective March 15, 1947, Part 601 of the Regulations of the Administrator was amended to read in whole or in part as follows: (1) Red airway #21 (Lansing to Newark). The intersection of the NE leg of Pittsburgh and the N leg of Altoona. (2) Red airway #55 (Burlington to Joliet). Peoria range station.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct TO-08-15-1", page 94, by showing Castle Field air/ground station operating; page 95, by showing AACS station at Turner Field, Ga. as inoperative; page 26, by showing frequency of Cincinnati radio range as 335 kcs.; page 30, by adding Marshall, Mo. range transmitting and receiving on Channel A; page 40 by adding Columbia range transmitting and

receiving on Channel A; pages 46 and 47, by deleting Luke Field radio range and control tower; page 60, by adding Alamo tower transmitting and receiving on Channel B; pages 60 and 61 by showing Lake Charles AAF tower frequency as 278 kcs.

(b) Correct Flight Route Chart FC 228, dated Jan. 14, 1947, by showing the SW leg of Fort Wayne, Ind, as 51° instead of 151°; Flight Route Chart FC 229, dated Jan. 17, 1947, by showing the bearing of the NE leg of Terre Haute, Ind. Radio Range as 249°, instead of 349°

(c) Correct TO-08-15-3, page 23, by correcting Brownsville radio range to show NW and SE quadrants as N and NE and SW quadrants as A.

(d) Correct Coast and Geodetic Survey Chart RF 28, dated Feb. 20, 1947, by relocating commercial broadcast station KCRC to lat. 36-25-06, and long. 97-52-24, 70 miles N of its charted location.

(e) Correct Phoenix Sectional base by transposing city names of Sonora and Roy as Sonora lies SW of Roy at lat 33-10, long. 111°.

WEATHER REPORTING SERVICE

Weather Reporting Station	Type of Station		Lat., Long.	Elev.	Effective Date
La Crosse, Wis. (French Isl.)	Supple.	Opened			
Gulfport, Miss. (Mun.)	Supple.	Opened			3-15-47
Santa Rosa,, Calif (Sonoma Co.)	Supple.	Opened			2-14-47
North Truro, Mass.	6-hourly	Closed			1-7-47
Lumberton, N.C. (Mun.)	Hourly	Opened	34-37, 79-04	126'	3-1-47
Monteagle, Tenn.	Supple.	Opened	35-15, 85-51	1926'	3-8-47
Allentown-Bethlehem, Pa.	6-hourly	Opened			
Napa, Calif. (Napa Co.)	Supple.	Opened	38-13, 122-17	37'	1-5-47
Marysville, Calif. (Mun.)	Supple.	Opened	39-16, 123-45	572'	1-5-47
Chico, Calif. (Mun.)	Supple.	Opened	39-48, 121-51	250'	1-5-47
Little River, Calif. (Mendocino)	Supple.	Opened	39-15, 123-45	572'	2-14-47

Note: Terminal forecasts discont. for Lebanon, N.H., Montpelier, Vt., Dansville, N.Y., Glens Falls, N. Y., Danville, Va., Spearfish, S.D., Houlton, Me.

N.B. AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

AIR NAVIGATION AID DATA

All radio facilities except towers are CAA facilities unless otherwise cited. All towers are listed by operating agency. All range bearings are magnetic inbearings. All fan markers and station location markers operate on 75 mcs. All radio facilities operate continuously unless otherwise specified.

LEGEND

** - New or revised airport, danger areas, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

ALABAMA

BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (1-9)

BATES FLD (MOBILE)-RADIO: CAA operates twr, traffic controlled by lgt gun only from 0800 to 1800 daily. (3-5)

BIRMINGHAM ARPT-RADIO: Inner compass lctr will be comm soon. Outer lctr comm.5.4 mi from SW end NE/SW rnwy operating on 375 kcs. Ident. B", Inner lctr will be lctd 0.72 mi from SW end NE/SW rnwy operating on 356 kcs. Ident. "H". (3-11) FLD: Closed to civil. acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. No svcg mil acft 2200 to 0600. No maintenance. (1-18)

BROOKLEY FLD (MOBILE)-RADIO: Air/ground stn freqs of 4845 kcs, and transmitting freq of 2862 kcs temp inop. (2-24) FLD: Soft-use rnwys, taxi strips only. No 91 oct. (10-4)

CAMP SIBERT AAF (ATTALLA)-CLOSED TO ALL ACFT:

CENTRE ARPT-In wet weather, avail. lgt acft only. (12-16)

CHASTAIN'S ARPT (PRICHARD)-2600' of E/W strip avail., mrkd. (2-19)

COLUMBIANA ARPT-N end strip rough, rocky. (12-16)

CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (11-12)

DANNELLY FLD (MONTGOMERY)-NE taxi strip closed (parked acft). (8-12)

EUTAW ARPT-NW 600' NW/SE strip soft with large holes and 50' trees 150' from SE end. Use NE/SW strip. (2-11)

GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)

HARTSELLE ARPT-Graded area rough. Fld soft when wet. Use W side of strip, (2-3)

HUNTSVILLE-Bombing and mortar firing is being conducted within the following described area: beginning at the Tennessee River Channel at lat. 34-34-30, long 86-44; due N to Southern RR; easterly along RR to long 86-42; due S to said river; SW along river to point of beginning.

HUNTSVILLE ARPT-NW/SE rnwy closed, const. (3-15)

MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)

**MUSCLE SHOALS ARPT-No fuel avail. for mil. acft. (3-10) See page 103.

NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg only. 175' water tank obst lgt inop. (1-12)

**SUMMERDALE OLF-ABANDONED (2-19) See page 128.

TUSKEGEE INSTITUTE FLD: NO. 1 (TUSKEGEE)-Soft spots after heavy rain. (2-18)

VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Extreme NW and SW ends fld soft in wet weather. (1-23)

ARIZONA

**AJO-Correct boundaries of large aerial gunnery danger area N and W to the following: beginning at lat 32-49-30, long 112-19-00; S to lat 32-35-40, W to long 112-36-30, S to lat 32-31-00, W to long 112-57-00, S to lat 32-20-00, W to long 113-27-00, N to lat 32-46-00, E to long 113-13-50, N to to lat 32-49-30, E to point of beginning.

ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous due to grass and hills. (3-4)

COCHISE INT, SITE T-3, PH-EO-Rough, tall grass off strips-usable with ctn.

DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer projector W end fld half way between ends of NW/SE, E/W rnwys.

DEEP LAKE INT, SITE 84A LA-AQ-Soft. Fld hazardous use in emerg only.(3-4)

DOWNTOWN ARPT (TUCSON)-Rnwy 30 will be lgtd ngtly for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (2-3)

ARIZONA

ECHEVERRIA FLD (WICKENBURG)-Use rnwys only (parked acft)

FLY FLD (YUMA)-800' traffic pattern all rnwys. Avoid lcl traffic days. Parking rstd to W side of fld. (1-9)

JOSEPH CITY-RADIO: FM on E course of Winslow range temp inop. (1-21)

KINGMAN AAF-No inst flgts cleared to Kingman. No obst lgts atop Haulpai Mt. (8500'MSL) 11 mi S. (3-10)

LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. (9-19)

LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)

NOGALES INTERNATIONAL ARPT (NOGALES)-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (1-13)

PHOENIX-Inst. train. on Phoenix Range between 5500' and 9500'.

RYAN FLD (TUCSON)-Use rnwys only, bal fld soft in wet weather. Washes N edge (1-20)

**SKY HARBOR ARPT (PHOENIX)-Bcn code (. . . -). Area E of N/S rnwy closed (rough). (1-18)

THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).

TUCSON ARPT-Trans acft desiring to use fld after 2100 will give 2 hrs adv notice in order that lgts may be turned on. (2-24)

WILLIAMS FLD (CHANDLER)-Use rnwys only.

WINSOW ARPT-E end E/W taxi strip beyond first tie-in closed. (1-30)

ARKANSAS

ADAMS FLD (LITTLE ROCK)-Closed to trans mil acft 1800 to 0800. (2-24)

**ARKANSAS POLYTECHNIC COLLEGE ARPT (RUSSELLVILLE)-153' twr of Rdo Stn KRUS, 5 mi SW (225°) true, at lat 35-17-34, long. 93-08-36, obst lgtd.(2-6)

EL DORADO-RADIO: VHF range flgt-checked and comm on exper basis only at lat 33-17-00, long. 92-46-00. Freq. 109.1 mcs. Ident. "LD". Visual courses: 45°, 225°; aural courses: 135°, 315°. Mag. var 7°E. Stn class: VARW. (2-3)

EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)

**FORT SMITH ARPT-300' twr (722'MSL)of Rdo Stn KRKN, 3.8 mi N (182°) true at lat 35-24-02, long. 94-22-18, obst lgtd. 962' (MSL) twr of Rdo Stn KFSA, 3 mi WNW (293°) true, at lat 35-20-56, long. 94-25-38, obst lgtd. (2-3) Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. (3-17)

GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)

HELENA-Two unlgtd 405' twrs crossing Miss. River at S edge City. (11-7)

JONESBORO ARPT-Use rnwys, taxi strips only.(1-10)

LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)

LITTLE ROCK-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

LUXORA INT, SITE 39 NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)

McGEHEE ARPT-Cattle on fld intmtly. (9-6)

McLAUGHLIN ARPT (HOT SPRINGS)-RADIO: Mobile Army twr transmits on 4420 kcs and rcvs on 4495 kcs only. (9-11) FLD: Ust ctn when landing and taking off. Crash and fire fighting equip. avail. 0900 to 1700 Mon thru Fri. (12-12)

PINE BLUFF-RADIO: Operating on an exper status only, because of no facs to control or monitor range. Lat 34-14-48, long. 91-55-36. Freq 108.7 mcs. Ident. "PL". Visual courses: 13°,193°; aural courses: 103°,283°. Stn class: VARW. Mag. var: 7°E.

**TEXARKANA ARPT-154' guyed twr of Rdo Stn KTFS erected 5 mi SW (243°) true at lat 33-25-26, long. 94-04-50. (3-3)

THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only,soft and rough. (3-1)

WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)

ARKANSAS

**WRIGHT FLD (MONTICELLO)-1 ENE, ABANDONED. (12-12) See page 101.

CALIFORNIA

ALAMEDA NAS-Maintain high approach on Rnwys 26L and 22. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Lgtd dredge and pipe extending to shore operating 1/2 mi S of lagoon in seadrome. Equip adj to and on rnwys. Fld on positive control. (8-16)

ARCATA-RADIO: About Mar 19, freq of UAL operated MRL fac will be changed to 209 kcs. (3-13)

ARCATA ARPT-Closed to acft without 2-way rdo unless prior approval rcvd from Stn Director. Incoming acft must file flgt plan. Use surfaced areas only. (10-2)

AUBURN PEAK, BCN SITE 103 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)

BAY MEADOWS (SAN MATEO)-Const on rnwys and taxiways until approx July. Rnwy 31 usable in all weather for acft up to 2500 lbs. Taxiways closed during wet weather, and should only be used with ctn during winter months. When taking off on rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave. but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (2-21)

BECKWOURTH ARPT-Ctn during winter, soft. Fld rough. (2-17)

**BELMONT ARPT-Two 150' twrs of Rdo Stn KSMO, erected 300' E of Bay Shore Hwy adj Belmont Arpt. (3-5)

BIDWELL FLD (RED BLUFF)- Lgts resumed oper. These data rcvd too late for ⓪ symbol. (3-17)

BLYTHE AAF-Obst lgts atop control twr inop. (2-28)

BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flgts between 0900 and 1600. (1-21)

BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)

BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).

**BUCHANAN FLD (CONCORD)-Lgts on prior req. (2-10) See page 49.

BURBANK-LOCKHEED AIR TERMINAL-Right traffic use Rnwys 7,15; left traffic use rnwys 25,33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). (1-31)

CAL AERO ARPT (ONTARIO)-Use rnwys only (parked acft).

CANNON FLD (FRESNO)-Landings from SE and take-offs to SE prohibited. (11-6)

CASTLE FLD (MERCED)-No opers office. (1-29)

CATES, BEACON SITE 235 MI. BLINKER, SF-SA-Bcn inop. (2-17)

CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)

COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxiing. (2-17)

COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)

CORCORAN-135' unlgtd twr being const adj Santa Fe Railroad, downtown Corcoran. Upon completion will be 148' high and lgtd.

COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)

CROWS LANDING NAAS-Use in emerg only (caretaker status - no facs).

DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (2-20)

DEL MAR ARPT-Right traffic at 600' with prevailing westerly winds. (3-3)

DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (1-10)

**EL CENTRO-Three circular danger areas, two overlapping, approx 10 mi NNW and one approx 20 mi NW have been discont.

EL CENTRO-Obst lgts atop S and W range twrs inop. (1-9)

EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (12-11)

EL TORO MCAS (SANTA ANA)-Fld carrier landing practice Rnwy 25L. Trans acft use Rnwy 25R when practice in progress. (11-15)

★FAIRFIELD-SUISUN AAF (FAIRFIELD)-RADIO: Army range unreliable, use for homing only. (9-30) Army ILS inop. (3-13) Army VHF DF stn now in cont oper on 139.32,140.58 mcs. (3-7) Army GCA rcvs on 272 kcs and any freq between 1500-18000 kc on req. (3-10) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3-13)

**FALL RIVER ARPT (FALL RIVER MILLS)-Name changed to Shasta Sky Ranch Arpt. (2-24). See page 20.

GARY FLD (BLYTHE)-Use rnwys only (parked acft)

GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000' Closed ngts (lgts inop). (1-28)

HAMILTON FLD (SAN RAFAEL)-Exten to Rnwy 12 closed except in emerg. (10-18)

HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right traffic when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (1-13)

HASTER FARM OLF (GARDENGROVE)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)

HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt.

HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)

HOLTVILLE ARPT-Closed-emerg use only.

HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)

HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (1-13)

INDIO-RADIO: 116.1 mc transmitter and rcvr temp inop. (11-22)

LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)

LIVERMORE NAS-Avail. emerg use only. (10-1)

LIVERMORE SKY RANCH-Avail. only lgt acft, all acft in emerg. (2-18)

LOCKHEED AIR TERMINAL-See Burbank.

LODI ARPK-Entire fld avail. These data rcvd too late to delete (R) symbol.

LONG BEACH ARPT-Ltd maintenance and only 100 oct avail. Army acft. (2-28)

LOS ALAMITOS NAS (LONG BEACH)-Closed 1730 to 0800 except in emerg. Rnwy 22L closed. (9-1)

LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)

LOS ANGELES-RADIO: Occasional course displacement observed-use only when acft equipped with ADF for course monitoring. (2-24)

LOS ANGELES ARPT-MINES FLD-RADIO: ILS fac flight checked Feb 21, oper normal, except back course of lclzr serving Rnwy 25, unusable. About Mar 10, outer mrkr keying two dashes per sec will be relctd 6 mi from end of Rnwy 25, middle mrkr keying alt dots and dashes will be relctd 0.64 mi from end of Rnwy 25. FLD: Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwys 11-29,4-22 closed. Obst lgts atop 40' pole 350' S of twr inop. (1-22)

LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)

MACHADO ARPT (SANTA MARIA)-Use strip only. (2-23)

MADERA ARPT-Rnwy lgts inop. (2-14)

MARCH FLD (RIVERSIDE)-Rnwy 7-25 closed-avail. on twr permission only. (1-8)

MARTINEZ ARPK-Unusable during rainy weather. (2-24)

MATHER FLD (SACRAMENTO)-RADIO: Army ILS temp inop. (1-28) FLD: Use rnwys only-mat unserviceable. (1-29)

McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (12-26)

MERCED MUN. ARPT-Daylgt oper of bcn indicates fld closed except to scheduled air-carrier acft. (1-10)

MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil. acft except in emerg or on approval of the CO. (11-8)

MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)

★MOJAVE NAS-RADIO: Navy twr decomm. (3-14) FLD: Closed to all traffic except acft on off. bus. (2-1)

MONTEREY PENINSULA ARPT-Right traffic Rnwys 24,28; left traffic Rnwys 6,10. (2-25)

MT. SHASTA-RADIO: 116.1 mc transmitter and rcvr resumed oper. These data rcvd too late to delete (O) symbol from chart.

MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)

★OAKLAND ARPT-RADIO: CAA ILS modernized fac in cont oper Mar 6. Voice-equipped lclzr, ident. "OA", operating on 109.9 mcs. Glide path transmitter opers on 333.8 mcs, lctd 1000' from approach end of Rnwy 27R, 500' S of center-line. See page 49. FLD: Naval acft avoid fld except on off. bus. Rock surface area between E and W taxiway and Rnwy 27R avail. lgt acft. Take-off from center of area, adhere to instructions issued by twr. Taxiway leading from Rnwy 33 to ramp at Navy Terminal closed. Equip. on grass area W of Rnwy 24 ngts. Area under const, mrkd. No gas or maintenance facs avail. 1800 to 0800 except in emerg. Ltd gas, maintenance facs 0800 to 1800. Closed to civil. acft except on authority Arpt Superintendent. Rnwy 6-24 avail. lgt acft-avail. heavy acft for taxiing only. Equip. on N taxiway and E approach to Rnwys 27R and 27L. 87' lgtd twr adj NW (303°) true until approx Apr 8. (2-25)

O'BRIEN, BCN SITE 21B, SF-SA-Soon bcn site, 15-1/2 mi NNE Redding, Calif. will be perm discont. (12-14)

O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only; strip muddy when wet. (2-24)

**ONTARIO ARPT-268' rdo twr erected 2 mi NW (303°) true at lat 34-04-44, long. 117-39-43, painted and obst lgtd. (2-28)

OXNARD FLIGHT STRIP (OXNARD)-Use rnwys and shoulders only. Taxiways and and bldg area closed. (2-20)

PALM SPRINGS ARPT-Right traffic, all take offs and landings on Rnwys 31 and 35, Rnwys 17 and 13 usual left. (2-25)

PLACERVILLE ARPT-Avail. emerg only. Strip rutted-not maintained. (9-21).

**POMONA ARPT-185' twr of Rdo Stn KTMO erected 2 mi N (7°) true at lat 34-03-30, long. 117-44-20, painted and obst lgtd. (3-2)

ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)

SAGE, BCN SITE 114 MI BLINKER, SF-SL-Will be perm discont soon. (11-22)

SAN BERNARDINO CO. ARPT (DAGGETT)-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3,7. (3-13)

SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (Black and orange checkered buoy)

CALIFORNIA

unless directed by twr. Point Love (black and oragne checkered buoy) is lctd on traffic pattern 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single engine acft on asphalt mat. (12-5)

SAN FRANCISCO ARPT-Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Rnwy 14-32 closed. (1-20)
SAN FRANCISCO GCAS-Seaplane harbor, channel and landing area unmrkd day or ngt. (3-1)
SAN MATEO ARPT-Const; Avail. lgt acft only. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)
SANTA BARBARA ARPT-Approach and ctc lgts Rnwy 15-33 inop. Equip. on rnwys. Closed to glider opers. (1-16)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (1-10)
SANTA ROSA ARPT-Use rnwys, taxiways, and aprons only, bal fld soft. (2-24)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Ctn when wet. (2-24)
SHERMAN FLD (WALNUT CREEK)-Surplus Acft Sales Center-parked acft.
SHERWOOD FLD (PASO ROBLES)-40' unlgtd tension wires E end E/W strip. (3-17)
SILVER LAKE INT, SITE 18, LA-SL-E quarter fld rough. (1-18)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)
TERMINAL ISLAND NAAS (SAN PEDRO) Trans acft not cleared after sunset. (2-21)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TRUCKEE INT, SITE 16B, SF-SL-1 to 3' snow on fld. (1-28)
VAN NUYS METROPOLITAN ARPT RADIO: Municipal twr inop. FLD: Avail. civil. acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without rdo may enter providing previous arrangements have been made with twr. (12-5)
VENTURA CO. ARPT (OXNARD)-Bcn, bndry, obst lgts inop. Battery operated, port rnwy lgts avail. ngts in emerg or by prior arrangement. Const equip. on fld 0700-1600 daily except Sunday. Areas under const flagged. Use paved rnwys and taxiways only. (2-20)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF- Use Rnwys 16L-34R,7R-25L,3R-21L only. (2-10)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (1-10)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

CANADA

NORTH WEST TERRITORY

*FORT SIMPSON-RADIO: Rdo range stn decommissioned. (2-26)
*NORMAN WELLS-RADIO: Rdo range stn decommissioned. (2-26)

COLORADO

ALAMOSA ARPT-Bcn inop. (1-11)
ANTON-RADIO: VHF range oper suspended indefinitely. (2-12)
AURORA-RADIO: LFM fld pattern will be temp weak and distorted. (10-28)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
EAGLE-RADIO: About Apr 1, stn will discont guarding 3117.5 kcs and begin guarding 122.1 mcs. (3-13)
FLAGLER ARPT-20' hangar under const E side fld. Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)

COLORADO

GRANBY ARPT-Ctn from Nov. until April-snow. (10-17)
PINE VALLEY ARPT (COLORADO SPRINGS)-E rnwy of parallel N/S rnwys closed-being widened to 300'. E/W rnwy avail. between markers only. Heavy const equip. on fld days. Use rnwys only. (11-2)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as the calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land and take-off according to the tetrahedron. (1-12)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT(CANNON CITY)-Do not land to the S (fone lines). (1-15)
RUSTON FLD (DENVER) Strips soft during wet weather. (1-18)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-RADIO: Municipal twr temp inop. (12-10). FLD: Right traffic Rnwys 26,30,36, left traffic Rnwys 8,12,18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON AIRFLD-DENVER ARPT (DENVER)-Excavation 100' wide S of and parallel to E/W rnwy 2000' from E end E/W rnwy, mrkd. Equip. on fld days.(2-3)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Use rnwys only-shoulders soft. Filled ditches both sides of taxi strip extending from NW/SE rnwy rough and soft. (2-17)

CONNECTICUT

BRADLEY FLD (WINDSOR LOCKS)-Avail. 0600 to 1800. (1-13)
BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW of fld bndry, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inop. (1-2)
BRIDGEPORT ARPT-Use rnwys only. (1-14)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop. (2-13)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs & hedges on W bndry). (2-4)
HARTFORD-RADIO: Auto, range monitor. sys inop. (9-30)
**ISLAND ARPT (SHELTON)-New fld. Lat 41-18-20, long. 73-04-30. (2-5). See page 44.
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (9-10)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman displaying red flag stationed at approach end of rnwy being used. (11-18)
STEPHENSON ARPT (BRISTOL)-S 350' N/S rnwy being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (12-13)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. Equip. on fld until approx Apr 30. (3-11)

DELAWARE

DOVER AAF-RADIO: Army twr will be discont soon. (3-7)
NEW CASTLE CO. ARPT (WILMINGTON)-Sod fld within bndrys of rnwys avail. lgt acft. (9-18)

DIST. OF COLUMBIA

SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with CAR 60.105, all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.

SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG. 77-08-05.(3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums. Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only.(1-16) Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green gard holder 500' and 1 mile. FLD: ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transportating VIP and General Officers above grade of Maj.Gen. as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL Closed to acft without rdo. Stay on paved areas- shoulders soft. Equip. on fld. Parking area ltd- turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

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ALBERT WHITTED ARPT (ST. PETERSBURG)- Bndry lgts operated sunset to sunrise. Rnwy smudge pots avail. on 1 hrs notice. Use rnwys only. (1-23)
BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (2-27) FLD: Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil. acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)
BANANA RIVER NAS SEAPLANE BASE- Seaplane landing area avail. W of stn on Banana River. Wind line consisting of seven green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice.(12-13)
BOCA RATON AAF- Port floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (2-7)
BRONSON FLD NAAS (PENSACOLA)-Closed to all trans acft. (8-14)
BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)
BUNNELL ARPT- Cattle on fld. (2-13)
CEDAR KEYS ARPT-Use rnwys only. (1-27)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)
CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)
CRESTVIEW-RADIO: 116.1 mc transmitter and rcvr temp inop. (3-3)
CROSS CITY AAF-Livestock on fld. (3-4)
DALE MABRY FLD (TALLAHASSEE)- 26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (1-31)
DAYTONA BEACH ARPT- Equip. on fld 0800 to 1700. (2-25)

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DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. hrs. (10-10)
**DREW FLD (TAMPA)-Bcn now single instead of split beam. (3-10) Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq.(2-24)
EGLIN FLD (VALPARISO)-RADIO: Army ILS temp inop. (1-6) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)
ELLYSON NAAS (PENSACOLA)-Closed to trans acft. Disposition delivery acft (landplanes) land at Pensacola NAS-Chevalier Fld. (11-22)
FORMAN OLF (FT. LAUDERDALE)-Use in emerg only (caretaker status-no facs).
FORT LAUDERDALE-Obst lgts atop N twr Radio Stn WGBS 8 mi W inop. (9-23)
FT. LAUDERDALE, BCN SITE 2, MM-AG-Bcn inop. (1-21)
FORT LAUDERDALE ARPT-Const. grading of taxiways adj to N/S,NW/SE rnwys. Equip. crossing and working adj to these rnwys. (12-5)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (11-4)
**HELM OLF (PENSACOLA)-ABANDONED. (2-19) See page 128
HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail lgt acft. (1-20)
HILLSBOROUGH ARPT (TAMPA)-CLOSED. Sinkhole center of E/W rnwy 100' E of intersection center of fld. (1-23)
**HONEYMOON ISLAND ARPT (DUNEDIN)-New fld. Lat 28-01-20, long 82-49-30. (3-11) See page 134.
✱JACKSONVILLE ARPT-RADIO: CAA ILS comm Mar 12. Lclzr transmitter lctd 1100' from NE end of Rnwy 5. Voice equipped, freq 110.3 mcs. Glide path transmitter lctd 846' NE of SW end of Rnwy 5, and 400' SE of centerline. Glide path angle 2.4°. See page 132. FLD: Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. Rdo Stn WJHP constructing two twrs 235' high, 394' apart, 10 mi SW, lgtd ngts while under const. (1-27)
JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. Heavy equip. on fld days. Bndry and obst lgts NW side fld inop. (3-16)
KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)
KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGMENT. (6-19)
LAKE BUTLER OLF-Cattle on rnwy. (1-27)
LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)
LEESBURG AAF-CLOSED TO ALL TRANS MIL ACFT EXCEPT UNDER WRITTEN ORDERS OF AN AIR FORCE, COMMAND OR HIGHER AUTHORITY OR IN EMERG.
MacDILL FLD (TAMPA)-RADIO: Army ILS temp inop. (3-12) FLD: Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. (2-14)
MARIANNA ARPT-All rnwys usable days. NW/SE taxiway blocked by Gov't vehicles. Use rnwys only. (1-23)
MASTER OLF (MIAMI)- Closed from thirty min after sunset until 0700. Extreme ctn account heavy traffic. Northernmost E/W rnwy closed (equip.,parked acft.). (1-8)
MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). Rnwys 32, 36 under const-closed. (3-11)
MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(11-6)
★MELBOURNE-RADIO: Mar 9, NE, SW courses realigned to 248°,68°. . Flight checked, courses correctly aligned.
**MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr discont guarding 131.9 mcs Now gds 122.5 mcs (3-17) These data rcvd too late for data page.

**MIAMI INTERNATIONAL ARTP-AAF- 180' twr of Rdo Stn WBAY, erected 3 mi SSE (158°) true, lgtd. Flash. code bcn on top (2-23) Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. (2-10)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

★MORRISON FLD (WEST PALM BEACH)-RADIO: Army ILS avail. Lclzr transmitter lctd 1000' E of E/W rnwy. Voice from lclzr only- not remote. Glide path angle 2.75°, transmitter lctd 768' E of W end of E/W rnwy, 500' from centerline. Opers cont. See Page 136. Glide path transmitter is being moved to location 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17)

NORTH PERRY OLF (HOLLYWOOD)-CLOSED - no facs. (10-28)

ORLANDO AAB-ORLANDO ARPT-Closed to acft exceeding 50,000 lbs except for use alternate destination by scheduled air-carriers. North E/W, West N/S rnwys closed. No 91 oct. (3-12)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts, tetrahedron inop. (2-11)

**PENSACOLA ARPT- 201' twr of Rdo Stn WCOA, 4 mi S (185°) true, on W side of N approach to bridge across Pensacola Bay, at lat 30-24-53, long 87-11-34, obst lgtd. 157' twr of Rdo Stn WBSR, 4 mi SW (227°) true, lat 30-25-44, long 87-14-27. (2-10) Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (1-18)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. Rnwy numbers and center lines being repainted thru Mar 31. (2-19)

**PENSACOLA OLF NO 1-ABANDONED. (2-19) See page 128

**PENSACOLA OLF NO 5-ABANDONED. (2-19) See page 128

**PENSACOLA OLF NO 6-ABANDONED. (2-19) See page 128

**PENSACOLA OLF NO 7-ABANDONED. (2-19) See page 128

**PENSACOLA OLF NO 9K- ABANDONED. (2-19) See page 128

PETER O. KNIGHT ARPT (TAMPA)-Equip. on fld days. Sodded areas unsafe heavy acft. (1-18)

RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs.)

ST. AUGU STINE ARPT-All lighting facs inop. (1-25)

SOUTH DADE CO. ARPT (HOMESTEAD)-Landing fee all acft. (3-12)

STENGEL FLD (GAINESVILLE)-Equip. on fld, mrkd. (5-24)

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

VERO BEACH ARPT-Closed to all civil. trans acft. Rnwy 3L-21R closed (ctc lgts being repaired). (3-6)

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction Taxi lgts being installed. Equip. adj rnwys. (12-9)

WITHAM FLD (STUART)-Use rnwys only. (2-12)

ALBANY ARPT-Use rnwys only. (2-23)

ALMA ARPT, SITE 43, MM-AG-Unlgtd 40' hangar N edge NW/SE rnwy. (2-21)

★ATLANTA-RADIO: Auto. range monitor. sys comm Mar 12.

ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. (2-13)

ATLANTA NAS-Avail. sunrise to sunset. After sunset oper for landings only. No clearance or svcg. (1-7)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. (12-13)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

COCHRAN INT, SITE 50, MM-AG-About Mar 23, fac will be redesignated as type PD. Fld will be maintained and operated by city. Lgts will be maintained and operated by CAA. No change in bcn or course lgt char. (3-16)

COOK CO. ARPT (ADEL)-Lgts inop. (1-17)

**FLYING S RANCH ARPT (VILLA RICA)-New fld. lat 33-45, long 84-54 (3-4) See page 124

FOLKSTON INT, SITE 37, MM-AG-Equip. E end E/W strip. (3-12)

**GLYNCO NAF-LTA-RADIO: Navy twr temp closed, opers on call on one hrs notice.FLD: Tetrahedron replaced by wind sock 25'' high located north from center of mat, approx 200' from control twr. (2-19)

HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)

KINGS ARPT (MILLEDGEVILLE)-Soft after rainy weather. (11-6)

LA GRANGE ARPT-Heavy acft use rnwys, taxiways only- grass areas soft.(12-27)

LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)

LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14, 20, 27; left traffic on Rnwys 2, 9, 32. Closed to all trans traffic except on off. bus. or in emerg until May 11. (3-17)

LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const.) Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)

MARIETTA AAF-Lt .., sto. Facs avail. 0800 to 2000. Rdo Stn WFOM erecting unlgtd 100' twr 2 mi WSW. (11-20)

MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

★RUSSELL-RADIO: Navy training rng at Rome decomm. (3-13)FLD: Not restricted to Navy, will hereafter be carried as Russell Fld. Bcn, rnwy lgts, wind tee on prior req. See pages 105, 124.

ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)

SOUTHER FLD (AMERICUS)-Use strips only-parked acft.

SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. 300' landing circle N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (3-12)

THOMASVILLE ARPT-Closed ngts- no lgts. (10-24)

TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10) FLD: Use rnwys only. Use Rnwys 14L, 32R, 4L, 22R only.

VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)

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BENNETT FLIGHT STRIP (ANDERSON DAM)-Avail for emerg use only. (5-7)

BOISE-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-6)

BOISE AIR TERMINAL ARPT-Use rnwys, taxi strips only-shoulders soft. Non rdo-equipped acft use Rnwy 10L with left approach or Rnwy 26R with right approach when tetrahedron indicates traffic SE or NW. Blinding cont operated 30 million candle pwr ceilometer 1000' NNW arpt bcn.(12-11)
BRADLEY FLD (BOISE)-Non-standard traffic patterns. (2-19)
BURLEY-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-7)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
DUBOIS-RADIO: Courses aligned by ground check only. (3-12) About March 25, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-7)
**G.I.FLYING SERVICE SEAPLANE (COEUR D' ALENE)-New base. lat 47-39-50, long 116-47-55. (2-19) See page 145.
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
**GOODING ARPT,old-4 mi SSW ABANDONED. (3-11) See page 24.
IDAHO FALLS-RADIO: About Mar 20, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-7)
MALAD CITY-RADIO: Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-6)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO-RADIO: Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-6)
POCATELLO ARPT-6' ceilometer projector in center of grass strip running parallel with Rnwy 5-23 and approx 75' S of rnwy at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. (1-24)
POCATELLO AAF-RADIO: Army air to ground stn. temp. inop. (2-10)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
★STREVELL-RADIO:Stn class: MHP. (3-11) These data rcvd too late for inclusion on data page. Soon VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-6)
TWIN FALLS ARPT-Fld soft when wet. Use rnwys only. (2-21)

ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. lgt acft under 2000 lbs only. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-usable with ctn. Do not turn off cinders onto grass. (1-27)
AURORA ARPT-Use strips only. Three electric wires running from a 25' pole 450' S of SW corner fld to a pole 90' W. (2-15)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condiction, orange flag indicates Right Traffic.(2-26)
CHANUTE FLD (RANTOUL)-Ltd parking.(2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const). (9-23)
★CHICAGO ARPT-RADIO:CAA ILS glide path operating on 333.8 mcs comm Mar 11. Lclzr will be shut down on or about Mar 24 for modernization. (3-11) FLD: Equip 32' E of W edge of 400' ramp in line with center of new Terminal Bldg, mrkd by barricades and lgtd ngts. Equip. E ramp 46' S of central section near Terminal Bldg. Const steel 60' high W of Rnwy 22 center at the NE corner of fld. Snow extension lgts 22' above grade on Rnwys 31L, 36R, 27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. NE/SW rnwy closed, unlgtd (parking area) Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office
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before take-off. Hangar under const N side fld. Ctn when taxiing. (2-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parking acft
CHICAGO-ORCHARD ARPT (CHICAGO)-Landing fees same as Chicago Arpt. Trans acft register in city office on S side of fld. (2-14)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (11-8)
DECATUR PARK DISTRICT ARPT-(DECATUR)-Use rnwys only. (2-20)
EFFINGHAM CO. MEMORIAL ARPT (EFFINGHAM)-CLOSED. (1-14)
FLORA ARPT-NE/SW strip under const. (12-10)
★FRANKLIN PARK-RADIO: Compass lctr stn relctd and recomm Mar 14, approx 5.8 mi NW of NW end of Rnwy 31-13. See page 140.
GALESBURG MUN. ARPT-W bndry rough. (11-22)
GLENVIEW NAS-Prior approval rqrd all acft expecting to RON except off bus. Non radio equipped acft land on N mat only. Closed after sundown except in emerg or by off. prior arrangement. (12-23)
INTERSTATE ARPT (DE KALB)-CLOSED. (5-11).
★JOLIET-RADIO: Mar 11, NW course realigned to 139°. ground checked only.
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (1-16)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet (3-16)
MARION ARPT-Ext. traih. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. (1-23)
**MITCHELL FLD (LOMBARD)-New fld. Lat 41-55-30, long 88-02-30. (1-28) See page 140.
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. Pwr shovel with 30' boom SW end NE/SW rnwy. (1-30)
★PEORIA-RADIO: Mar 11, E and W courses realigned to 254°,89°. ground checked only.
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use rnwys only in thawing weather. (2-24)
★ROCKFORD-RADIO: Mar 12, SE course realigned to 283°. ground checked only
ST. CHARLES ARPT-Closed except in emerg. (10-2)
ST. DAVID ARPT-Closed to cross-country acft. No svcg avail. N/S strip closed. New arpt under const 6 mi N. (6-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (9-21)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. Closed ngts. (11-8)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW corner NW/SE rnwy, W end E/W rnwy usable except in wet weather. (1-20)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-32)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (8-9)

INDIANA

AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Svcg 0800 to 1700 only. (2-21)
BENDIX FLD (SOUTH BEND)-Equip on fld days. N triangle closed. (12-11)
BLOOMINGTON ARPT-Needs Rolling. Soft when wet. (9-26)
BLUFFTON ARPT-Unsafe heavy acft-strips soft. (12-14)
BRIGHTWOOD ARPT (INDIANAPOLIS)-Fld under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (1-17)

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CAMPUS ARPT (BOOOMINGTON)-CLOSED (muddy). (1-15)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTOWN ARPT-2000' E/W strip under const. Trees at both ends-usable with caution. Entire fld soft after prolonged rain. (1-20)
COLUMBUS ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (12-22)
**ELWOOD ARPT-Correct lctn: Lat 40-15, long. 85-49-45. (10-30) See page 69.
EVANSVILLE ARPT-Use rnwys only. Equip. on fld days. (1-18)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn landing, taking off. (1-14)
GOSHEN ARPT-Ctn during thawing weather. (1-17)
HULMAN FLD (TERRE HAUTE)-Use rnwys only (erosion). (1-16)
★INDIANAPOLIS-RADIO: Mar 17, NE course realigned to 255°. Flgt-checked. Too late for charts. GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105,4495,6210, 3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Rdo or airline ground stn at Indianapolis. All flgts must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper rdo rng with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding-mrkr), 75 mcs, temp inop, 10 mi SW of arpt on ILS lclzr course, keying "U", tone 3000 cycles. (11-22)
★INDIANAPOLIS ARPT-RADIO: CAA twr now transmits on 278 kcs, 118.7,126.18 mcs. Twr now operating in new structure atop CAA exper hangar middle of N bndry. Twr structures atop Admin Bldg and on hangar S bndry not occupied. (3-12) About Mar 26, bndry mrkr of CAA ILS will be decomm. (3-11) FLD: Use rnwys only - soft. No crash equip. mil. pilots register with registrar in Admin Bldg lobby, trans acft at City Desk in Terminal Bldg lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach 2-lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flgts of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy. all lgtd ngts. (3-12)
**KENDALLVILLE MUN ARPT-New fld. Lat 41-28-30, long. 85-15-30. (11-13) SEE page 36. Const. Strips not turfed. (11-13)
KOKOMO ARPT-Use rnwys only-turf soft. (3-11)
LA PORTE ARPT-Bndry and range lgts, inadequate, in need of repairs. (9-19)
McCOMB ARPT (DECATUR)-CLOSED (soft, rough). (12-31)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (1-20)
MILROY INT, SITE 5, CC-CG-CLOSED (soft). (1-21)
MORGANTOWN-RADIO: FM on S course of Indianapolis Range will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Hangar under const along S bndry. (1-24)
MYERS FLD (FT. WAYNE)-CLOSED (soft during thawing weather). (1-27)
PLYMOUTH ARPT-E/W strip avail. NNW/SSE, NE SW strips avail. with ctn. (1-23)
**PRINCETON ARPT-New fld. lat 38-21-00, long. 87-33-15. (1-30) See Page 68.

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PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy lcl traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Const NE end of fld. (1-18)
**SHERIDAN ARPT-New fld. Lat 40-10-15, long. 86-13-30. (2-18) See page 69.
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft. Const area mrkd. (1-21)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft. (1-16)
SOUTH BEND-RADIO: Range flgt-checked Mar 14, courses correctly aligned.
STARKE CO. ARPT (KNOX)-N/S strip soft. (11-4)
STOUT FLD (INDIANAPOLIS)-Ltd svcg facs trans acft. Crash equip, base opers avail. 0800 to 1700. Lgts on prior req. (1-20)
TRIANGLE AIR SERVICE (WELLSBORO)-Hangar under const. (8-15)
TRI-STATE ARPT (ANGOLA)-N/S strip closed to trans acft. (1-26)
URSCHEL FLD (VALPARAISO)-Strip soft in wet weather. (2-16)
WELLS CO. ARPT (BLUFFTON)-Closed during thawing weather. (2-17)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No-wind conditions land to W. (1-20)

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ADAMSON AIRWAYS (PERRY)-CLOSED. (2-20)
AUDUBON AIRWAYS ARPT (AUDUBON)-Fld rough.
★BURLINGTON-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-9)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. N 1/2 N/S, NW 1/3 NW/SE strips soft or muddy until approx Apr 24. (2-24)
CONRAD ARPT-About Apr 1, will be closed. To be used as farm land. (3-7)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
★DES MOINES-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-5)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only.
ELKADER AIRPARK-Strips rough and rolling. (2-11)
HARLAN ARPT-Strips plowed-up-regrading. Strip E of N/S strip approx 1000' long avail. with extreme ctn-rough. (10-11)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (11-3)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded, graded. (1-18)
LUCAS-RADIO: Soon, Lucas FM on S course of Des Moines range will be decomm for relctn to lat 41-21-30, long. 93-36-12, as Indianola approach control FM. (3-9)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (1-14)
OTTUMWA NAS-Closed for mil clearances from sunset until thirty minutes after sunrise. Open for landings at all times. (11-30)
SIOUX CITY ARPT-Blinding 30 million candle pwr ceilometer 1000' N of Admin Bldg. No svcg mil acft 1700 to 0800. Lgts on Rnwys 17-35, 13-31 dim-flares in use ngts. (3-10)
WINTERSET ARPT-NNE/SSW strip rough. Low fence at each end. (1-20)

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ALLMAN ARPT-(LENEXA)-Use strips only. (9-12)
BEECH ARPT(WICHITA)-During damp weather, use rnwys only. (11-4)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
CHANUTE-RADIO: About Apr 7, range freq will be changed to 284 kcs. (3-12)
DODGE CITY ARPT-Blinding 25 million candle pwr ceilometer projector installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed cont on parking ramp. 9' hole 50' from N side Admin Bldg adj taxi strip. (2-19)

DOWNS ARPT-When taking off to the S or E use right traffic. (9-30)
**EUREKA ARPT-New fld. Lat 37-49-30, long. 96-15-30. (2-19). See page 61.
**EUREKA ARPT-3.2 mi E ABANDONED. (2-19). See page 61.
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
**GARDEN CITY ARPT-Bcn operating, flash. white this date bndry lgts on req. (3-12) See page 60.
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND-RADIO: VHF range oper suspended indefinitely. (2-12)
GOODLAND ARPT-Rnwy sides soft when wet. (2-21)
HUTCHINSON-RADIO: About Apr 7, range freq. will be changed to 227 kcs. (3-12)
HUTCHINSON MUN. ARPT Heavy acft use rnwys only. Tetrahedron inop. (3-15)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Svcg, opers avail. 0800 to 1800 only. Only N/S rnwy nearest ramp avail. (2-5)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)
KINSLEY ARPT-To be abandoned soon. (1-24)
LARNED MUN. ARPT-SW 1/3 NE/SW and NW 1/3 NW/SE strips muddy in wet weather. Will be under const from Apr 1, to May 15. (3-6)
LEBO INT, SITE 39, AQ-KC-Heavy acft use ctn-soft. (3-13)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
MORLAND-RADIO: VHF range oper suspended indefinitely. (2-14)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800-flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only-no facs.
OLATHE OLF NO. 4-Use in emerg only-no facs.
OLATHE OLF NO. 7-Use in emerg only-no facs.
OLATHE OLF NO. 9-Use in emerg only-no facs.
SALINA-RADIO: VHF range oper suspended indefinitely. (2-12)
SANTANTA ARPT-Strips soft in wet weather. (2-19)
SHARON SPRINGS ARPT-Cattle outside strips. (12-27)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic on Strips 12,15;right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. Closed 2000 to 0800 daily. (1-27)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) temp inop. (1-7)
TOPEKA-RADIO: VHF range oper suspended indefinitely. (2-12)
TOPEKA-Inst flying rdo range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
WALDO-RADIO: VHF range oper suspended indefinitely. (2-12)
WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (1-31)

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ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (1-29)
BOWLING GREEN ARPT-Use rnwys only. Red obst lgts NW end NW/SE rnwy inop. Const. (2-4)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. (3-17)
GODMAN FLD (FT. KNOX)-RADIO: Army range now unreliable. (2-25) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. Opers office open 0600 to 2400; after 2400 avail. upon 12 hr prior notice. (12-26)
GREATER CINCINNATI ARPT (COVINGTON)-Use rnwys, taxi strips only-sod portion fld soft. (1-31)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (1-11)
★LOUISVILLE-RADIO: Mar 12, E and W courses realigned to 266°, 86°. Ground checked only.
**PADUCAH-McCRACKEN CO. ARPT (PADUCAH)-Bcn, rnwy, range, and obst lgts now oper. Bcn oper cont. (1-7). See page 104.

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**ALEXANDRIA ARPT-Bcn, rnwy and obst lgts operative. (3-4). See page 120.
★BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (SCS-51) decomm. (3-12) Army ILS (CAA type) glide path avail. on 333.8 mcs. (3-12) Army twr now transmits on 396 kcs, 126.18 mcs. (3-10) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 73 or 91 oct. avail. (1-24)
**BASTROP ARPT-New fld. Lat 32-45-15, long. 91-57-15, (11-5). See page 101.
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1600 only for acft in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil. acft may land during daylgt hrs after making prior arrangements with Arpt. Manager, City of Houma. (1-10)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. Rnwy lgts inop. (11-14)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. (1-23)
LAFAYETTE ARPT-Use rnwys only. (1-20)
**LAKE CHARLES AAF-Now open to all types of civil. acft. Will hereafter be carried as Lake Charles Mun. Arpt. (3-3). See page 120.
LAKE CHARLES MUN. ARPT-Two 195' twrs 3.5 mi NW under const, unlgtd. (3-10) Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Lgt gun signals from Army control twr for non-rdo-equipped acft. (3-4)
**McARTHUR ARPT (ALEXANDRIA)-155' twr of Rdo Stn KSYL erected 3 mi NE (40°) true at lat 31-19-05, long. 92-27-42, obst lgtd. (3-1).
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Outer mrkr of CAA ILS shut down Mar 3 for modernization. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. (2-4)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS-RADIO: Flight checked, courses correctly aligned. (3-11)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Eqmp. on fld days. Non-rdo equipped acft use extreme ctn. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft helicopters and autogyros. (2-21). Army svcg and opers to be discont soon and fld to be Army temp inactive with civil. facs. 100 oct Army contract gas will also be avail.
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. (2-28)
**NORTHEAST AVIATION SERVICE ARPT (BASTROP)-Name changed to Bastrop Arpt. (11-5).

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**SELMAN FLD (MONROE)-Bcn in cont oper. (3-7). See page 101. Obst lgts atop twr inop. Equip. on fld. (12-27)

SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)

SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120 derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. (2-24)

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AUGUSTA ARPT-Rnwys 3-21,12-30 will not be plowed remainder of winter. Ctc lgts avail. Rnwy 17-35 only. Rot. bcn inop intermittently. (1-15)

BRUNSWICK NAS-Closed to all but off. flights (caretaker status-no facs).

DOANES ARPT (BREWER)-CLOSED UNTIL APPROX APR 5. (3-15). These data rcvd too late for Ⓡ smybol.

DOUGLAS FLD (BRUNSWICK)-Avail. emerg use only. Right traffic when wind from the S. (8-28)

DOW FLD (BANGOR)-E/W rnwy closed. Use concrete portion fld only. Closed 1900 to 0700. Ltd transportation and maintenance facs. Indicated Rnwy markings are nearest mag. heading rather than true heading. (3-14)

**FARMINGTON ARPT-Revised data: Lat 44-43-45, long. 70-08-45. (9-24). See page 17. Rnwy direction to be changed approx 5° westerly on N end. (9-24)

**FERNALD'S ARPT (BENTON)-New fld. Lat 44-35-30, long. 69-33-45. (9-23). See page 17.

**FORD FLD (SKOWHEGAN)-New fld. Lat 44-46-50, long. 69-43-45. (9-24). See page 17.

**HOULTON ARPT-Rnwy lgts avail. (2-17). See page 17. Closed except to scheduled airlines and local opers. Other acft land by prior permission from Resident Engineer, fone 2211. (10-10)

LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)

MILLINOCKET-RADIO: Auto. range monitor. sys temp inop.

MILLINOCKET ARPT-Avail. ski-equipped acft only. Ctc and bndry lgts inop remainder of winter. (3-16)

NORRIDGEWOCK ARPT-CLOSED-Use in emerg only.

OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)

PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (1-18)

PORT OF MAINE ARPT (S. PORTLAND)-Avail. ski-equipped acft only. (1-22)

*PRESQUE ISLE AAF-RADIO: Army VHF DF stn inop, but avail. on 1/2 hr. req notice thru gnd/air or point-to-point facs. Modulation percentage at 90 and 150 cycles reduced to 50 and 20 percent at each freq. (2-17) FLD: Redesignated as Arpt of Entry for period of one year from Feb 20, 1947. (3-4) Rnwy 16-34 closed. No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flights. Svcg trans acft 0800 to 1700 only. (2-25)

RAYMOND'S ARPT (PHILLIPS)-Avail. ski-equipped acft only. (1-28)

SCARBORO ARPT-Avail. lgt acft only. Use N/S strip. Land within flagged area. (11-18)

TOMLINSON FLD (SKOWHEGAN)-Avail. ski-equipped acft only. (12-31)

WESTON FLD (MADISON)-Avail. emerg only. (8-29)

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*ANDREWS FLD (CAMP SPRINGS)-RADIO: Army rng freq changed to 248 kcs. (3-6) Army ILS avail. Lclzr transmitter lctd 1000' N of Rnwy 1. Glide path angle 2.75°; transmitter lctd 1000' from approach end of rnwy in yellow quadrant, 400' from center line. No outer mrkr. Avail. for training and emerg only. Opers cont, during IFR or 0800-1700 Mon thru Fri. (3-17). See page 77.

BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Unlgtd boats with 120' masts anchored in harbor S and W of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. (3-14)

BALTIMORE MUN. SEAPLANE BASE-Land at own risk (floating logs and debris). Control launch and other services not avail. commercial operators except by prior arrangement with BOAC. Ctc Baltimore Twr for landing pattern. (3-11)

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BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (12-5)

EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. Approach fld N of Penn RR. High alt bombing E and S. Stay on concrete. (2-20)

ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)

GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)

HAGERSTOWN ARPT-Acft parked on hangar and factory apron, also along W bndry of fld just W of the N end of the N/S rnwy and N of the W end of the E/W rnwy. Use ctn in landing and taking off in area off rnwys. (2-18)

**HICKMAN FLD (OCEAN CITY)-Correct location: lat 38-25-00, long. 75-10-00. (12-12). See page 76.

KENT ARPT (WORTON)-Landing area under const. (3-17)

LEE ANNAPOLIS ARPT (ANNAPOLIS)-NE/SW rnwy and black-topped taxiway avail. unsuitable for acft heavier than twin-engined type. (2-13)

MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic not landing at fld, should avoid fld traffic patterns or approaches. (1-22)

PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between rnwys 2-20,6-24 closed. Ditches adj Rnwy 9-27, mrkd. Equip. on fld. (2-24)

PHILLIPS FLD (ABERDEEN)-Equip. on fld. Ltd svcg. No maintenance or RON. Rnwy 4-22 closed. Approach fld from N only, flying heading of 200° from Aberdeen to fld. Avoid area 1500 yds S of fld; firing up to alts of 25,000'. Closed to very heavy type acft. (12-16)

SALISBURY-RADIO: VHF range will be comm soon at lat 38-19-22, long. 75-24-59. Freq. 109.1 mcs. Ident. "FY". Visual courses: 42°, 222°; Aural courses: 132°,312°. Var. 8° W. Class: VARW.

SALISBURY ARPT-Use rnwys only. (2-17)

SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (9-24)

WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.

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BARNES ARPT (WESTFIELD)-Oper of arpt bcn days only indicates scheduled airlines in vcnty arpt. Acft proceed with ctn when bcn lgtd. Ctc Westfield Rdo for lgts. E/W rnwy closed. 139' unlgtd tank under const 5500' SW. (3-12)

BEDFORD AAF-Two of three 435' twrs 3.9 mi SW (245°) true completed. Temp lgtd with 1000 watt non-flash. lgts. (11-2)

BOWLES ARPT (AGAWAM)-CLOSED DURING WINTER MONTHS. (2-12)

BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (9-9)

CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.

GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Rough and soft. Avoid flagged areas. (3-12)

GREYLOCK ARPT-Temp closed. (1-27)

HILLER ARPT (BARRE PLAINS)-Additional 1000' on SW end under const. Avail. ski-equipped acft only. (3-10)

LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)

*LOGAN ARPT (BOSTON)-Twr of Rdo Stn WCOP erected 10 mi WNW (285°) at lat 42-24-19, long. 71-12-40. (3-4)

LOGAN ARPT (BOSTON)-Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. New 5900' Rnwy 15-33 and Rnwy 4-22 avail. -NE 100' Rnwy 7-25 unsafe. 100' floating derrick SW end Rnwy 4-22, mrkd. New hangar being erected SW corner of old fld, lgtd. (12-16)

MANSFIELD ARPT-Open week-ends only. (2-3)

MARLBORO ARPT-Avail. sunrise to one hr after sunset. (2-22)

MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (11-13)

MYRICKS ARPT-Wires on S end N/S strip. (11-20)

OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status - no facs)

PITTSFIELD ARPT, SITE 3B, AZ-BW. Land according to wind sock. (8-27

PROVINCETOWN FLD-Closed to acft over 3200 lbs. (2-27)

REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. Booms day, ngt. (2-19)

**SHERMAN MEMORIAL (MANSFIELD)-Will hereafter be carried as Clifford Sherman Memorial (2-21) See page 45.

SOUTH WEYMOUTH NAF-50' lgtd antenna pole 2200' from S edge landing mat.

SPRINGFIELD AIRPORT-Lgts inop. (6-24)

SQUANTUM NAS-RADIO: Navy range courses aligned by ground check only. (3-4)
FLD: Unlgtd 100' boom or lighter at bndry due W between Rnwys 2,8. Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on Rnwy 2-20, 150' S intersection Rnwys 14-32, 2-20, lgtd. (3-12)

STEVENS FLD (NORTH ADAMS)-Temp closed. (1-29)

WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (2-5)

WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (SCS-51; glide path, inop (2-13) FLD: Red bcn atop Mt. Nanatuck inop. (2-28) All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range. Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control.

ABRAMS ARPT (GRAND LEDGE)-Unsafe (snow). (1-10)

ADRIAN CITY ARPT (ADRIAN)-SW corner fld unsafe for landings and take-offs. Strips soft when wet. (2-20)

ANN ARBOR AIRPORT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (6-14)

BAKER'S FIELD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25-)

**BISHOP ARPT (FLINT)-Four 370' twrs of Rdo Stn WTCB previously listed as WFLM completed 5 mi ESE (105°) true at lat 42-56-22, long 83-37-41, red lgts at 1/3 and 2/3 levels, 1000-watt flash, red bcn at top level each twr. (3-6)

Use rnwys only when turf soft. Lgt acft use turf adj left side of concrete. Unmrkd acft parked on fld within 500' of bldgs. (2-21)

CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tri-cycle gear acft bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. (12-3)

CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (6-20)

**CAPITAL CITY ARPT (LANSING)-203' twr of Rdo Stn WILS, 5 mi SE, obst lgts resumed operation, white lgt atop twr replaced with standard flash, red bcn. (3-6)
Use rnwys only. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (2-21)

DALTON ARPT (FLUSHING)-N/S, E/W strips unusable. (11-13)

DETROIT NAS-Closed 1700 to 0800. (9-14)

**DR. A. L. HAIGHT ARPT (CRYSTAL FALLS)-24" clear beacon rotating on fld. (8-24) See page 16.

DR. HAINES FLYING FIELD (THREE RIVERS)-Use strips only. (2-20)

EMMET CO. ARPT (PELLSTON)-Closed ngts. (2-17)

FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (2-14)

FORD ARPT (DETROIT)-CLOSED. Avail emerg use only. Use rnwys only. (8-30)

FORD ARPT (IRON MOUNTAIN)-Avail. ski-equipped acft only. (12-31)

GRIDLEY ARPT (YPSILANTI)-Strips unusable when wet - muddy. Land on sod with ctn. (2-14)

JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-27)

JEWETT ARPT (MASON)-Ctn on strips and taxiways when wet. (2-21)

KELLOGG FLD (BATTLE CREEK)-Equip. on fld. (2-22)

**LANSING-RADIO: Mar 11, S, NE, E courses realigned to : 325°,145°,280°. Flight-checked and correctly aligned. Quadrant signals shifted so that the "N" signal is in the NE and SW quadrants.

LAPEER ARPT-N end of NW/SE diagonal strip rough. (2-19)

LEACH AERO SERVICE ARPT (HARTFORD)-NE/SW strip under const. (12-26)

LINDBERGH ARPT (KALAMAZOO)-Avail. ngts in emerg. Landings in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (2-19).

MACKINAC CO. ARPT (ST. IGNACE)-Avail. ski-equipped acft only. Rnwys plowed upon req. (12-30)

McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)

MILAN ARPT-Fld soft in wet weather. (2-19)

MOUNT PLEASANT ARPT-Strips soft in wet weather. (2-14)

MUSKEGON CO. ARPT-Use rnwys only - rough. (2-21)

OSCODA AAF-Use rnwys, taxi strips only.

OTSEGO CO. ARPT (GAYLORD)-Avail. during winter months with ctn. (12-2)

PARK TOWNSHIP ARPT (HOLLAND)-Avail. ski-equipped acft only. (2-28)

PLANE HAVEN ARPT (STANTON)-CLOSED. (3-15)

PRICKETT FLD (SIDNAW)-Avail. ski-equipped acft only. (2-27)

★ROMULUS-RADIO: Mar 10, S course realigned to 327°. ground checked only.

ROSEVILLE ARPT-Extreme Ctn during March, snow and thaws. Bad areas flagged. (3-4)

ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37°) true, temp lgtd. (11-13). Use strips only. (9-26)

SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (9-20)

SKYHAVEN ARPT (SAGINAW)-Use strips only. When wet, avail. only lgt acft. Right traffic when landing S, SW and W. Left traffic N, NE and E. (2-20)

STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (2-19)

TRAVERSE CITY ARPT-Only E/W rnwy open ngts. All other rnwy lgts obscured. Obst lgts S end N/S rnwy inop. (2-8)

TWIN CITIES ARPT-ROSS FLD (BENTON HARBOR)-Pilots of wheel-equipped acft land at own risk. No snow removal equip. Telephone 9277 for further info. Use rnwys only-shoulders and fld soft. (3-17).

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WASHTENAW ARPT (ANN ARBOR)-Use rnwys o nly. Avail. days only. (2-20
WILLOW RUN ARPT (YPSILANTI)-Equip. on fld. Trucks on NE/SW taxi strip. Trenches and const of ILS bldgs on fld, mrkd. (2-14)
YPSILANTI-RADIO: About Mar 21, MH fac oper by PCA will be decomm. A middle and outer compass lctr of ILS will be comm same data. Approach heading 45°. Inner lctr on middle mrkr site will be on 359 kcs, ident "T", lctd 0.65 mi from end of rnwy; outer compass lctr on outer mrkr site 5.58 mi from end of rnwy, freq 341 kcs, ident "D". Lcizr, glide path and mrkrs will be comm at a later date. (3-14).

[redacted]

AITKIN ARPT-Const. (3-18). These data rcvd too late for (R) symbol.
**ALEXANDRIA MUN. ARPT-Fld lgts prior req. (11-7) See page 12.
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. (2-28)
BLUE EARTH ARPT-NW/SE strip under const. (12-3)
CAMP RIPLEY ARPT (LITTLE FALLS)-Not maintained. (10-30).
**CEDAR ARPT (MINNEAPOLIS)-ABANDONED (6-17) See page 13).
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER AIRPORT (AUSTIN)-Acft over 3500 lbs use caution. Fld under const. (12-4)
DETROIT LAKES ARPT-Use strips only. (11-7)
FARIBAULT AIRPORT-Closed to all acft weighting over 5000 lbs. (5-16)
FERGUS FALLS ARPT-Graded and seeded landing strips. (11-7)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
GRAND RAPIDS ARPT-Graded and seeded strips. (11-5)
**INTERNATIONAL FALLS MUN ARPT-Lat 48-34-00, long 93-24-00. (11-19) See page 13.
KENYON ARPT-Rolling strips. NE/SW strip slopes to the NE. (12-2)
MANKATO ARPT-Use NE/SW, NW/SE strips only. (2-14)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. (11-20)
MOBERG SEAPLANE ANCHORAGE (BEMIDJI)-Avail. ski-equipped acft only until spring. (12-19)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
**OTIS LODGE ARPT (GRAND RAPIDS)-Rotating bcn from dusk to dawn (11-5) See page 13.
ST.PAUL ARPT-Use rnwys, taxi strips only. (8-1)
THIEF RIVER FALLS ARPT-New rnwys avail, ski-equipped acft only. Ctn in thawing weather. (1-7)
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-E/W, N end N/S strips rough. (9-30)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Avail. only ski-equipped acft winter months. Fld rough.(2-21
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flts. Ltd maintenance facs, no overngt parking facs fo r mil acft. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. (2-27)

[redacted]

AUGUSTINE FLD (JACKSON)-Use strips only-parked acft.
BATESVILLE INT, SITE 29, NO-LS-CLOSED (soft). (3-12)
CARROLL CONE ARPT (TUPELO)-Equip. and stakes on fld. (1-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (1-22)
GRENADA ARPT-NE/SW rnwy closed. (6-28)

[redacted]

GULFPORT MUN. ARPT-Closed ngts. Fld lgts inop. Ltd svcg. Avoid flying over area directly off SW corner. Entire sod fld avail. (5-27).
HAWKINS ARPT (JACKSON)-Four 270' twrs Rdo Stn WSLI 5 mi NE (43°) true. Two twrs completed and obst lgtd. (3-4) Rnwys 2-20, 16L-34R closed. (1-10)
JACKSON COUNTY ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way radio. 20' boom NE corner NE/SW rnwy, mrkd. (10-17)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Obst lgts atop Admin Bldg, two hangars and arpt bcn E side fld, bndry lgts, tetrahedron lgts, and all rnwy lgts except on NE/SW rnwy inop. (3-14)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

[redacted]

BAILEY'S ARPK (CHILLICOTHE)-NE/SW strip unusable when wet. (12-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG Sod area soft when wet, slightly rough when dry or frozen with portions slightly rutted with tire tracks. Use ctn. unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. (3-10)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding 20 to 30 million candle pwr ceilometer 1000' E of rot. bcn. (12-20)
DAVIESS CO. ARPT (GALLATIN)-Use ctn until further development. (5-12)
FAYETTE ARPT-Closed during winter-avail. lgt acft in emerg only. (11-19)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only - parked acft.
HARVEY PARKS ARPT (SIKESTON)-Use rnwys only - parked acft.
INDEPENEDENCE ARPT-CLOSED. (3-14). These data rcvd too late for (R) symbol.
JEFFERSON CITY ARPT-E/W, N/S strips avail. lgt acft only-sod soft when wet. NE/SW strip avail. twin-engine acft not exceeding weight of C45-C78. (5-11)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
★KANSAS CITY- RADIO: Mar 11, additional voice fac avail. at commun stn. Transmits on 111.1 mcs. CAA ILS modualtion in progress with sys in oper intermittently. Will be recomm about Apr 15. (3-12)
KANSAS CITY ARPT-Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Unlgtd levee along N side fld raised to 20' above fld level. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. E/W rnwy lgts inop. Obst lgt atop dike and on the extension of center line of N/S rnwy. (3-10)
KANSAS CITY- GRANDVIEW ARPT (KANSAS CITY)-Sodded areas soft. (2-24)
KIRKSVILLE ARPK-CLOSED UNTIL SPRING. Emerg use only. (11-13)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-Closed to non-rdo equipped acft. Const E,SE bndry fld. Navy facs closed 1700 to 0800 except when Opers Officer notified 2 hrs prior to 1700. Equip. 300' E of S end Rnwy 34, mrkd. (3-10)
**MARYVILLE ARPT-Name changed to Maryville Municipal Memorial Arpt. (2-24) See page 32.
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. . . (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs).

[redacted]

**NEW FLORENCE-RADIO: Mar. 11, MH fac recomm. See page 65. Pwr increased to 50 watts. Freq. changed to 248 kcs.

NEW FLORENCE INT, SITE 17, KC-LS-Unsafe heavy acft during thawing weather. (2-21)

**QUEEN CITY ARPK (SPRINGFIELD)-Name changed to Rogers Arpk. (3-5). See page 64.

ROLLA ARPT-Unsafe heavy acft (soft). (1-15)

ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld days. (1-28)

**SAVANNAH ARPT-ABANDONED (3-15). See page 32.

SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (1-29)

VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)

[redacted]

BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)

BOYDE MOUNTAIN, BCN SITE 34, SA-HL-Bcn inop. Acetylene blinker operating 42 FPM. (2-18)

BOZEMAN-RADIO: About Mar. 19, W course will be realigned to 78°. (3-4)

BUTTE ARPT-Blinding 30 million candle pwr ceilometer 267' E of center of N/S rnwy. (9-11)

CHINOOK ARPT-Avoid using when wet. (9-8)

COLUMBUS ARPT-Muddy in wet weather. (11-18)

CUT BANK ARPT-Ctc lgts avail. on req. (11-28)

DILLON-RADIO-Soon, VHF voice, transmitting and rcvg facs, will be comm on 116.1 mcs. (3-6)

✱DRUMMOND-RADIO: Mar. 12, VHF voice fac comm at Commun. Stn. Transmits on and gds 116.1 mcs cont. Courses aligned by ground check only (3-16).

DRUMMOND INT, SITE 44B, SA-HL-Unsafe and soft during thawing weather. Safe all types acft when frozen. (3-10)

**GREAT FALLS ARPT-150' twr of Rdo Stn KKLK 3 mi NE (60°) true, completed, obst lgtd and marked. (2-25)

GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. Rnwy lgts operating Rnwys 2-20, 16-34 only. (12-6)

✱HELENA-RADIO: Mar 12, additional voice fac avail. at commun. stn. Transmits on 111.1 mcs.

HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. (3-12)

HOT SPRINGS ARPT-Rough-muddy when wet (12-13)

**LEWISTON ARPT-Rnwy lgts on req. (2-25). See page 8. 200' temp lgtd rdo twrs stn KXLO 3 mi NE (58°) true. (2-7) Use rnwys only (2-25)

LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Rdo stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288°) true (3-11)

MILES CITY ARPT-Bndry lgts inop. (2-2)

MILLER MOUNTAIN, BCN SITE 37, SA-HL-Bcn inop. (3-6)

MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft (2-21)

MOORE ARPT-S end N/S strip rough. (7-30)

MULLAN PASS-RADIO: During winter months, range will be operated intermittently on reduced pwr-courses unreliable (ice on loops)(11-3)

POLSON ARPT-Usable with caution (7-19)

PONDERA CO. ARPT (CONRAD)-CLOSED (muddy) (2-20)

POPLAR ARPT-Dangerous when wet. (9-6)

ROUNDUP ARPT-NE-2500' NE/SW strip unsafe-large holes, mrkd. (1-21)

SIDNEY ARPT-Ends of strips in cultivation.

VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy-dangerous-avoid using. (9-7)

NEBRASKA

AINSWORTH MUN ARPT-Use rnwys only (3-10)

CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather (3-10)

CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)

ELGIN ARPT-Haystacks on fld. (3-10)

**FALLS CITY ARPT-New fld. lat 40-04-30, long. 95-34-30. (2-28) See page 29.

FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)

GRAND ISLAND-RADIO: Range freq. will be changed soon to 263 kcs. (3-1)

GRAND ISLAND AAF-RADIO: Army ILS temp inop. (9-27)

KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No Opers office. (1-29)

**LEE BIRD FLD (NORTH PLATTE)-Name changed to North Platte Arpt (3-4) See page 28.

LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (1-29)

McCOOK AAF-NW/SE rnwy avail. only. (2-3)

✱NORTH PLATTE-RADIO: Additional VHF voice fac avail. at commun. stn. Transmits on 111.1 mcs. (3-4)

NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)

OMAHA ARPT-RADIO: Feb. 24, outer mrkr of CAA ILS temp suspended for installation of low freq compass lctr. Use rnwys only. Rnwy 17R-35L avail. days only. (12-17)

PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)

SIDNEY INT, SITE 50, SL-OH-E/W strip avail., bal fld rough. (2-21)

NEVADA

BATTLE MOUNTAIN-RADIO: 116.1 mc transmitter and rcvr temp inop (2-10)

BATTLE MTN FLIGHT STRIP SITE 35, SF-SL-Use paved surfaced only-shoulders soft. Portions of bndry lgts operating intermittently. (1-10)

BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)

DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)

FALLON NAAS-Clsd except in emerg. (9-27)

FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)

GOODSPRINGS-RADIO: FM on SW course of Las Vegas range temp inop. (3-14). These data rcvd too late for ⓘ symbol.

HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)

**HAWTHORNE ARPT #2-New fld. Lat. 38-32, long. 118-37. See page 52. (3-3)

HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (1-2)

LAS VEGAS-RADIO: Mar. 3, VHF range comm cont on test basis at lat 36-11-06 long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual: 29°, 209°; aural: 119°, 299°. Mag. var.: 16°E. Simul. voice channel and rcvg watches avail. 24 hrs. daily, Stn class: VAR-VDT. About Mar. 19, guard on 131.7 will be discont with estab. of guard on 122.1 mc. Stn now guards 3117.5 kcs, 116.1, ; 131.7 mcs. Disregard spurious signals.

**LAS VEGAS AAF-200' twrs of Rdo Stn KENO, lctd 10 mi SW (225°) true, at lat 36-08-15, long. 115-09-45, 300' SSW of original site, obst lgtd by flashing red lgt. (2-25). Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)

**OROVADA ARPT-ABANDONED (3-11). See page 21). These data rcvd too late for inclusion on Data Sheet.

RENO-RADIO: 116.1 mc transmitter and receiver temp inop. (1-31)

TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using (8-5)

[redacted]

YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

[redacted]

BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. 34' hangar under const adj to bldgs S border fld. Avail. ski-equipped acft only. (2-22)

BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)

CONCORD ARPT-Rnwy 3-21 closed during winter months. Wheel-equipped acft use Rnwys 12-30, 17-35 only. Unplowed portion fld avail. ski-equipped acft when snow conditions warrant. Acft avoid 3' cones immediately beside each ctc lgt. (12-24)

**CONWAY VALLEY (CONWAY)-New fld. Lat. 43-59-00, long. 71-07-45. (2-28). See page 46.

DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)

**FRANCONIA ARPK-New fld. Lat. 44-12-30, long. 71-43-00. (2-20). See page 17. Avail. ski equipped acft only. (2-20)

✱GRENIER FLD (MANCHESTER)-RADIO: Army range discont transmitting on 116.1 mcs. Army twr now transmits on 278 kcs., 126.18 mcs. Army ILS temp inop.(3-6)

HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)

**KEENE ARPK-Closed (2-28). See page 44.

LACONIA ARPT-E/W rnwy avail. wheel equipped acft. N/S rnwy, safety strips E/W rnwy avail. ski oper. Ctc lgts inop winter months. (2-25)

*LAKES REGION (WOLFEBORO)-Closed (2-28). See page 44.

LANCASTER ARPK-New surface dangerous when wet. (11-21)

LEWIS FLD (LITTLETON)-Center of fld dangerous when wet. (2-17)

NEWPORT ARPT-60' trees N end N/S strip. (10-9)

WHITEFIELD ARPT-Ski-equipped acft land off rnwy. (2-20)

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ATLANTIC CITY-RADIO: VHF rng operating on test basis only.

✱ATLANTIC CITY NAS-RADIO: Navy twr freq changed to 275 kcs,142.74 mcs.(3-4) FLD: Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hrs. previous arrangement with Opers Officer. (12-11)

✱BENDIX-RADIO: Tests of exper equip discont Mar. 10.

CALDWELL-RADIO: VAR range will be comm soon at lat 40-50-45, long. 74-23-00 Freq. 109.1 mcs. Ident. "NU" Visual courses: 112°,292°; aural courses: 22°,202°. Var. 11° W. Class: VARW. (3-6)

CAPE MAY CGAS-Closed to trans acft except in emerg.(caretaker status-no facs)

COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)

HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)

OCEAN COUNTY ARPT (ADAMSTON)-Const NE/SW strip. (2-25)

LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)

LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)

MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Ctc lgts E/W rnwy inop. (2-7)

NEWARK-RADIO: Courses aligned by ground check only (3-5)

NEWARK ARPT-Clsd to all acft without 2-way radio. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on Rnwy No hangar space for Army acft. S 1800' from extreme end pavement Rnwy 1 clsd. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. (2-8) To reduce the noise of acft flying over Newark residential areas and to avoid tall bldg section following must be complied with: 1. Increase the rate of climb as much as

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practicable. 2. N-bound or E-bound acft make left turn as soon as practicable when taking off to SW. 3. Make a half left turn as soon as practicable when taking off to W. 4. Make a half right turn as soon as practicable when taking off to N. Pass at least 500' to E of gas tanks lctd in Harrison when making a southerly direction approach to the N/S rnwy. 5. Whenever practicable the arpt traffic controller will suggest the use of rnwys which will permit the acft to avoid passing over residential and tall bldg areas. (9-7)

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strips unusable. E end E/W strip seeded. (2-18)

TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways muddy. (1-30)

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ALAMOGORDO AAF-RADIO: Army range inop. (2-17) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (2-28)

ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. Acft being towed across E/W rnwy. (3-5)

B & B FLYING SERVICE ARPT (ROSWELL)-Const. Avail. trans acft with extreme ctn. Heavy equip. on fld. (12-24)

CLOVIS AAF-RADIO: Army ILS temp inop. (1-21) FLD: No opers office. Avail. days only - lgts inop. (3-7)

CONDON FLD - See notice under White Sands Proving Ground, N. Mex.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (2-25)

GALLUP ARPT-E/W rnwy closed. (5-4)

GALLUP CITY FLD-ENE/WSW strip under const. (5-7)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUN ARPT-Allway landing area rough. Heavy acft use rnwys only. (7-21)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

KIRTLAND FLD (ALBUQUERQUE)-RADIO: Soon, compass lctr will be comm at the outer mrkr site of CAA ILS. Freq. 248 kcs. Ident. "Q" (3-11) FLD: 305' twr of Rdo Stn KQEA, 5 mi NW (315°) true, at lat. 35-06-36, long. 106-40-06, obst lgtd. (2-12)

**LAS CRUCES ARPT, SITE 4, EO-PU-9.5 mi NE. CAA facs moved to Municipal Arpt 8.5 mi W of city. This fld will hereafter be carried as Las Cruces Arpt-no lgts. (3-2). See page 88.

**LAS CRUCES MUN ARPT-8.5 mi W. Bcn gives green and white flash, and is no longer equipped with course lgts. Only E/W rnwy lgtd. Will hereafter be carried as Las Cruces Arpt, Site 4, EO-PU (3-2). See page 88.

LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)

MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (5-6)

ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Rdo for instructions.

ROSWELL AAF-Ltd parking. (2-16)

**SANTA FE ARPT (new)-275' twr of Rdo Stn KVSF, 6 mi E obst lgtd with blinking bcn on top. 207' twr of Rdo Stn KTRC, 8.5 mi NE (98°) true at lat 35-41-16, long. 105-56-04, obst lgtd with blinking bcn on top. (2-11) Army acft rstd from refueling except in extreme emerg. (1-15)

**SKYTEL ARPT (DEMING)-New fld. Lat. 32-16-00, long. 107-46-15. (1-30). See page 88.

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condon Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain

permission and instructions from Biggs Fld Opers before landing at Condon Fld. When Condon Fld is "Arpt of first intended landing ', this will be indicatdd on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by radio prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condon Fld. (10-14)

NEW YORK

ALBANY ARPT-Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-Avail. ski-equipped acft only. (2-20)
BALLSTON SPA ARPT-Avail. ski-equipped acft only. (2-14)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO ARPT-Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. Lclzr screen 16' beyond lclzr bldg SW end NE/SW rnwy, lgtd. Projects 4' above obst lgts on lclzr bldg. (3-13)
**CATER-WHITE SEAPLANE BASE (NEW YORK)-New base. Lat. 40-52-00, long. 73-56-10. (2-15). See page 145.
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT (NEW YORK)-Fld soft. Closed to trans acft. (3-8). These data rcvd too late for (O) symbol.
CROTON AIR PARK (PEEKSKILL)-Hangar under const. (3-1)
**DUANESBURG ARPT-New fld. Lat. 42-45-30, long. 74-08-00. (1-24). See page 44.
FLOYD BENNETT FLD NAS (NEW YORK)-Closed 1700 to 0800. (2-20)
FORT PLAIN INT, SITE 40A, CV-AZ-NE/SW strip, SE 700' NW/SE strip rough. (10-31)
GLOVE CITY ARPT (GLOVERSVILLE)-Right traffic except when taking-off or landing to E. Closed to all acft above 200 HP. Avail. ski-equipped acft only. (3-14)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-caution when wet. (5-18)
IDLEWILD-Obst lgts atop all loop antenna poles inop except on SE pole. (1-13) Not yet opened-const. (3-13)
ISLIP-RADIO: VAR range will be comm soon, at lat 40-50-30, long. 72-57-57. Freq. 108.3 mcs. Ident. "IP" Visual courses: 61°, 241°; aural courses: 151°,331°. Var. 12° W. Class: VARW. (3-6)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON-ULSTER AIRPORT (KINGSTON)/ESE/WNW strip closed. (3-20)
LA GUARDIA FLD (NEW YORK)-RADIO: About Mar 19, the ident. of the outer compass lctr (Maspeth) of CAA ILS will be changed to "L" (3-6) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N. Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24).
LONG MEADOW ARPT (REXFORD)-Avail. ski-equipped acft in emerg only.(12-27)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld day-lgt hrs. (2-21)
MALONE-DUFORT ARPT (MALONE)-Avail. ski-equipped acft only. (11-21)

MASSENA-156' twr Rdo Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lgting facs will consist of 300 mm flashing. beacon atop and 4 side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
MEDWAY-RADIO: About Mar. 27, FM on S course of Albany range will be decomm.
★MITCHEL FLD (HEMPSTEAD)-RADIO: Army VHF DF stn now in cont oper.(3-14), Army twr freq. changed to 396 kcs., 126.18 mcs. (3-4) Army ILS (CAA type) temp inop. (1-20). FLD: Rnwy 18-36 closed. (12-18)
**NANTICOKE VALLEY ARPK (MAINE)-New fld. Lat. 42-15, long. 76-02. (2-10) See page 41.
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK ARPT-CLOSED (3-10)
NEW HACKENSACK, BCN SITE 6, LG-UL-Soon, rot. bcn with green course lgts will be comm at lat 41-38-09, long. 75-52-34. Elev. 261' MSL. (11-25)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat. and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat. 40-36, long. 73-15; to lat. 40-49, long. 72-30; to lat. 40-00, long. 72-30; to lat. 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", See Special Notice, page 150.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (10-30)
OLEAN ARPT (NEW YORK)-Fld hazardous. Keep off graded rnwy, Fone prior to using. (3-6). These data rcvd too late for (O) symbol.
PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)
**PERRY FLYING SERVICE ARPT-Reported ABANDONED (2-4). See page 40.
**PERRY-WARSAW ARPT (PERRY)-New fld. Lat. 42-44-30, long. 78-03-45. (2-4) See page 40.
PULASKI ARPT-Const. Landing area being extended in all directions (8-7)
RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
**ROCHESTER ARPT-410' twr of Rdo Stn WRNY, 3 mi NNE (10°) true at lat 43-10-12, long 77-39-54 completed, obst lgtd. (2-10) Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (1-2)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal & State regulations subject to a penalty of $100, for each violation. Clsd to heavy acft.
SALAMANCA ARPT-Right traffic pattern when landing and taking off to W-variable pattern to clear houses 1000' W of end of strip. (10-9)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
**SCENICAIRE PARK (GENEVA)-New fld. Lat. 42-50-15, long. 76-58-15. (1-24) See page 41.
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to E.(11-18)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)
SMITHPORT INC. (UTICA)-Hangars under construction. Available ski-equipped aircraft only. (2-21)

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STEPHENTOWN-RADIO: FM to be relctd on E course of Albany, N.Y. rng. (3-6)
★SYRACUSE-RADIO: N course realigned to 194°, Mar 17. Quadrant ident. shifted placing "N" in NW. Grnd-checked only. These data rcvd too late for inclusion on charts.
SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
**UTICA ARPT-223' twr of Rdo Stn WGAT, erected 4 mi SE (130°) true at lat 43-07-52.1, long. 75-14-56.5, flash. 300 mm code bcn on top. (2-7) Bcn inop. (2-28)
WATERTOWN-RADIO: VHF rng will be comm soon. Lat 43-57-08, long. 76-03-52, 3.15 mi 48 degrees Mag to SW end of NE/SW rnwy from stn. Freq 109.1 mcs. Ident "WB". Visual courses: 64°,244°; aural courses: 154°,334°. Var 12°W. Blue sector North hemisphere. Stn class: VARW. (3-6)
WESTCHESTER ARPT INC (ARMONK)-Const, tree removal equip. on fld. (8-16)
WESTCHESTER CO. ARPT (WHITE PLAINS)-Const, excavation, equip. SW end NE/SW rnwy. 3 unlgtd 40' masts being erected off bndrys of fld approx 1000' SE of intersection of N/S, E/W rnwys. Equip. on NE end NE/SW rnwy daily from 0700 to 1800. (12-31)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N. (1-24)

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ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs).
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No Army maintenance.
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
**BURLINGTON ARPT-Bcn and rnwy lgts (2-20) See page 109. 300 mm. bcn atop 231' rdo twr, 5 mi NNE (15°) true at lat 36-06-48, long. 79-27-00, oper with clear flash. lgt until further notice. (2-6) N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
CHERRY POINT MCAS-RADIO: Temp repairs made Navy rng, use with ctn. (11-20) FLD: Const, equip. on rnwys. Rnwy lgts being repaired. (12-20)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1930 to 0730 except on prior req. All fld and rnwy lgts inop. (12-12)
**FAIRCHILD-CIVIL ARPT (BURLINGTON)-Name changed to Fairchild Arpt.(2-20) See page 109.
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flgt Planning Chart 110 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flgts conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Both sides Rnwy 32 to intersection soft, rutted. Use rnwys only. (3-13)
**GREENVILLE ARPT-Name changed to Pitt-Greenville Arpt. Bcn, bndry, range lgts on req. (3-6) See Page 112.
HICKORY-RADIO: VHF rng operating on exper basis only.
KINSTON MCAAF-Avail. civil. acft only in emerg. (11-13)

NORTH CAROLINA

MANTEO-RADIO: Navy FM on SE course of Weeksville NAS Navy range temp inop. (3-3)
MORGANTON ARPT-Soon will be closed to all acft-use Riverside Arpt. (4-26)
POPE FLD (FORT BRAGG)-RADIO: ILS (SCS-51) temp inop. (12-23) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-RADIO: Lclzr flgt-checked Feb 25, oper normal. FLD: ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
THOMASVILLE ARPT-Ctn-strip rolling. (10-2)
WARRENTON INT, SITE 46, JX-RW-Unsafe heavy acft (soft). (1-31)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800-1630, all other times by prior arrangement with the C.O. or Operations Officer. (2-27)
WINSTON-SALEM-RADIO: Courses aligned by ground check only. (3-13).

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★BISMARCK-RADIO: Mar 8, E course realigned to 250°. Grnd-checked only.
BISMARCK ARPT-Use rnwys only. Equip. on fld intmtly. Army acft rstd from refueling except in extreme emerg. Crash and fire fighting equip. avail. 0800 to 1900 only. (12-5)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT, SITE 63, HL-TWIN CITIES-Lgtd snow fence erected in E-W direction approx 75' N of present fld bndry lgts SE corner fld. (10-30)
DICKINSON MUN. ARPT-Three 15' hay stacks along E bndry fld. (1-16)
★FARGO-RADIO: Mar 13, W course realigned to 93°. Grnd-checked only.
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT-50' const booms adj to NE corner fld, lgtd ngts. Temp pwr line extending N/S 400' E of E/W rnwy, unlgtd. 2 lgtd 18' poles E of E/W rnwy. Thirty 50' tanks adj to NE corner fld, temp lgtd. (3-14)
PEMBINA INT, SITE 14A, FO-WG-N/S rnwy avail, ski-equipped acft, bal fld closed. Equip. on fld days. (1-26)
PORT O'MINOT ARPT (MINOT)-Use rnwys only during wet weather. (2-27)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Strips soft. Use rnwy during thaws. (2-26)

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★AKRON ARPT-RADIO: CAA twr now transmits on 272 kcs, 116.9 mcs. (3-7) FLD: Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (1-22)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W and SW. (3-1)
BROOKFIELD ARPT-CLOSED (grading). (2-27)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. Fld closed to heavy traffic until May 1, 1947. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Fld soft in wet weather. (2-25)
CHERRY FORK INT, SITE 4, CC-WA-CLOSED. (3-14)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)

CLEVELAND ARPT-Three 200' twrs 10 mi SE lgtd at 2 levels, top with temp steady burning bcn, top bcn to be replaced by flash. type. Trans pilots must register in Term. Bldg upon arvl and dptr. Landing fee on all civil. multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. (3-14)

CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flgt thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 71. (1-22)

COLDWATER INT, SITE 4, DY-GO-Soft. (3-17)

★COLUMBUS-RADIO: Mar 11, NE and E courses realigned to 205°,264°. Flgt-checked Mar 17, correctly aligned.

CONNEAUT ARPT-Use mowed strips only. (6-4)

DAYTON ARPT-Use rnwys only at ngt. Equip. on fld. For remainder of winter two 30" cones placed approx 100' beyond ends all rnwys as supplement to flush rng lgts. Sod areas W of Rnwy 18-36 and N of Rnwy 9-27 rough-use in emerg only. (3-2)

FAIRFIELD-RADIO: Army FM unreliable. (2-17)

GRIESER ARPT (WAUSEON)-Use strips only. (7-3)

GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)

**HOLLOWAYS ARPT (GREENFORD)-ABANDONED. (3-10) See page 40.

★HOMERVILLE-RADIO: Mar 11, FM decomm, coincidental with shifting of Columbus NE range course.

**LAKE ERIE-Artillery and rocket firing, aerial gunnery, dive bombing being conducted overwater approx 3 mi N of Lacarne (4 mi NW of Port Clinton) within the following described area: beginning at lat 41-50-00, long. 83-06-45; SE to lat 41-36-15, long. 82-53-30; SW to lat 41-33-25, long. 82-58-00; NW to lat 41-33-50, long. 83-03-00; NW to lat 41-39-30, long. 83-15-15; NW to lat 41-45-30, long. 83-19-45; NE to point of beginning. See chart Detroit 38.

LAKEWOOD AIRPARK (CINCINNATI)-Right traffic E, left traffic W. (2-23)

LANDOWNE ARPT (GREENVILLE)-Fld soft when wet. (2-25)

LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)

LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. Two 300' twrs Stn WLW, 17 mi NNE being dismantled. (2-26)

MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (1-17)

MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)

McKINLEY ARPT (CANTON)-80' twr midway between NE/SW and NW/SE rnwys on E bndry. To be removed approx Mar 21, 1947. (2-21)

MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where lcl acft land. (2-3)

MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W

NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)

OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only.(2-26)

PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (3-3)

★PATTERSON FLD (FAIRFIELD)-RADIO: Army rng now transmits on 379 kcs,137.88 mcs. (3-11) Army GCA sys decomm. (2-10) Army ILS (SCS-51) will be used for CFR training flgts and in emerg only. (2-17) Army VHF DF stn installed, but not yet in oper. (2-25) FLD: Equip. on fld. (1-3)

PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)

★PORT COLUMBUS NAS (COLUMBUS)-RADIO: CAA ILS comm Mar 8. See Page 72. Glide path and neon approach lgt land will not be operated pending removal of obsts in approach lane. Compass lctrs at middle, outer mrkr sites will begin oper soon.

FLD: Use rnwys only-grass areas rough. (3-6)

RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)

REED'S FLD (WATERTOWN)-Use only E/W strip when soft. Fills in NE/SW strip during thawing weather. (2-21)

STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)

SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)

TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Test flying. Land according to wind tee atop NE corner of hangar. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and dptr. (2-26)

★TOLEDO-RADIO: Mar 10, N course was realigned to 174°. Quadrant signals shifted so that the "N" signal is in the NE and SW quadrants. Range flgt-checked Mar 15, courses correctly aligned.

WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)

WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)

WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON AUTHORIZED OFF. BUS. THIS STN OR IN EMERG AND TO ALL TRANS NAVAL ACFT. ALL OTHER ARMY ACFT AND TRANS NAVAL ACFT USE PATTERSON FLD. No svcg 2400 to 0730. Sod area closed. Exten exper and train. flgts. Ltd maintenance. No quarters for trans crews. (10-22)

WYNKOOP ARPK (MT. VERNON)-Under const. (6-20)

YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)

ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy in use lgtd cont. (3-13)

OKLAHOMA

ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)

ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. (3-11)

BOISE CITY ARPT-Avail. at all times. (3-17) These data rcvd too late to delete ⓪ symbol.

CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)

CIMARRON FLD (YUKON)-Now A WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)

ENID AAF-Ltd parking facs. Use rnwys, taxiways only. (1-29)

GARTHOEFFNER COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)

GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use th is fld. (6-10)

GUTHRIE INT, SITE 21, FV-WD-Course lgts changed to red. Bndry lgts decomm. (3-17)

HATBOX FIELD-MUSKOGEE ARPT (MUSKOGEE)-Use rnwys only - parked acft.

LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)

MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Local traffic avoid flying over bldg area and corporate limits of Norman. (3-17)

OKLAHOMA

NEWKIRK SKYPARK-NW/SE strip completed. (3-17). These data rcvd too late to delete Ⓐ symbol.
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Dec 5, VHF range flgt-checked and comm on cont oper on an exper basis only (no facs to control or monitor range). Lat 34-52-00, long. 99-03-48. Freq. 108.7 mcs. Ident. "RQ". Visual courses: 53°, 233°; aural courses: 143°, 323°.
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160°) true. Will be completed approx Mar 20. (2-20)
**SWAIN ARPT (LAWTON)-ABANDONED. (3-7). See page 96.
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested.(3-6)
TULSA ARPT-RADIO: Soon, compass lctr will be comm at outer mrkr site of CAA ILS. Freq. 263 kcs. Ident. "T". (3-11) Voice comm on lclzr of CAA ILS inop. (3-14) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. Army svcg, crash and fire fighting equip. avail. 0800 to 1700 Mon thru Fri only. (2-27)
WILL ROGERS FLD (OKLAHOMA CITY)-Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. (1-16)
WOODRING FLD (ENID)-Use rnwys only. (8-5)

OREGON

★BAKER-RADIO: Mar 14, additional voice fac avail. at commun stn. Transmits on 111.1 mcs. Stn now gds 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. These data rcvd too late for inclusion on chart and Data Page.
BAKER ARPT-Use rnwys only. (1-29)
BEAVER MARSH, INT, SITE 73, RV-ND-Usable with ctn-rough. (3-13)
CIVIL AIR PATROL ARPT (WORDEN)-Soft when wet. Pilots use at own risk.(3-13)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Non-standard traffic patterns. (2-19)
**EUGENE ARPK-N/S rnwy closed perm, used as taxiway. (3-6)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade.(6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
★LA GRANDE-RADIO: Mar 5, VHF voice fac comm at commun stn. Transmits on and guards 116.1 mcs. cont.
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (10-6)
MEDFORD ARPT-Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (3-12)
★PENDLETON-RADIO: Mar 7, additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs.
PORTLAND-RADIO: About Mar 24, stn lctn mrkr will be inop for 1 week during installation of new equip. (3-9)
★PORTLAND AAB-RADIO: CAA ILS will be comm soon. Approach bear. 113° mag. Voice-equipped lclzr freq. 109.9 mcs., lctd 900' SE of SE end of NW/SE rnwy on centerline. Glide path freq. 333.8 mcs, angle 2.5°. Lctd 1119' SE of NW end NW/SE rnwy. Outer mrkr lctd 4.81 mi NW of NW end of rnwy, keyed two dashes per sec. Middle mrkr lctd 0.52 mi NW of NW end of rnwy, keyed alternate dots and dashes. No bndry mrkr. (1-20) FLD: No lgts or svcs. (3-7), See page 142.
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (CANHA)-Land to the E, take-off to W.(3-13)
SEASIDE ARPT-Non-standard traffic patterns. (2-19)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)
TROUTDALE ARPT-Parked acft. (3-13)

PENNSYLVANIA

**ALLENTOWN-BETHLEHEM ARPT-370' twr of Rdo Stn WFMZ completed, obst lgtd on top only, lctd 5 mi SW (218°) true at lat 40-36-03, long. 75-29-22. (3-3) Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. (3-3)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS ARPT-Patterson Heights Arpt, 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PC (MARTINSBURG)-Use rnwys only. (3-13)
BROOKVILLE-RADIO: About Mar 24, FM on W course of Philipsburg Range will be decomm. (3-8)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in vicinity of Imperial, Pa. (7-17)
**CHEMUNG VALLEY ARPT (ATHENS)-E/W rnwy, 2400' long, lgtd on prior req. (2-21). Rnwy data unverified. See page 41. Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Fld soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when taking off to the E, NE and SE. (12-31)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10)
CUB HAVEN AUX. SEAPLANE BASE (LOCK HAVEN)-Closed winter months. (11-15)
DALEVILLE ARPT-Right traffic used on S to SE take-off. (11-29)
EAST SCRANTON ARPT (SCRANTON)-Emerg use only. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-Use rnwys only-shoulders soft. CFR plans only. Ltd Army facs. Rnwy 32 closed. Equip. on fld. (1-20)
GREEN ACRES ARPT (HAZLETON)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (1-28)
HARRI-EMERY ARPT (BRADFORD)-CLOSED (snow). (12-23)
HARRISBURG STATE ARPT-Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. (11-22)
★JOHNSVILLE ARPT-RADIO: Mar 6, freq of Navy twr changed to 284 kcs.
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
MILLARD ARPT (ANNVILLE)-Sod area soft. Use rnwys only. (1-22)
MT. JEWETT ARPT-Temp closed (snow). (1-11)
MT. POCONO ARPT, SITE 21, BJ-LG-Shoulders NE/SW rnwy rough, not graded. Hazardous ruts along S side NW/SE rnwy. Use rnwys only. (5-22)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)

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OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29,14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Clsed to B-29 opers. Use Rnwys 11, 32 for ngt landings. (12-26)

PHILADELPHIA NORTHEAST ARPT-Avail. rdo-equipped acft. Use rnwys only. Equip. on fld intermittently days. Trans pilots must register in Admin Bldg on arvl and dptr. (3-13)

PHILADELPHIA SOUTHWEST ARPT-RADIO: Lclzr, middle and outer mrkrs of CAA ILS on 109.9 mcs for test purposes only temp inop. Transmitter lctd E end E/W rnwy. Ident. "PG". (12-31). FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. (3-13)

PITTSBURGH-RADIO: DF stn temp inop. (11-24)

PITTSBURGH-ALLEGHENY CO. ARPT-N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. (2-21)

PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)

PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (11-27)

READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (11-11) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)

SMILIN' JACK ARPT (DOUGLASVILLE)-Center of fld being graded. NE/SW strip closed. Use N/S strip. (12-3)

STAR VALLEY ARPK (CHARLEROI)-Equip. on strip intermittently. Unusable in wet weather. (11-22)

SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings (10-15)

VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic. temp; on W or SW use left traffic. (5-29)

VANDERGRIFT ARPT-Soft after hard rains. (2-4)

WEST CHESTER ARPT-Strips under const. (4-15)

WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. (3-13)

✱WILLIAMSPORT-RADIO: Mar 5, range freq changed to 375 kcs.

WILLIAMSPORT ARPT-Closed ngts. Avail. emerg landings only. (10-4)

WILLOW GROVE NAS-Closed sunset to 0800. Equip. sides all rnwys days-lgts being installed. IFR inbound flights will be accepted daylgt hrs but no IFR outbound flights may be made. (3-11)

WINGS FLD (AMBLER)-NW/SE rnwy unusable (plowed up). Hangar const S side fld. Fld being graded, mrkd days. (9-14)

[redacted]

✱CHARLESTOWN NAAS-RADIO: Navy twr now operates 0700 to 1800. These data rcvd too late for inclusion on data page. FLD: Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior to ETA. (3-13)

GREENE, ARPT, T.F. (PROVIDENCE)-Use rnwys only. Equip. on fld 0800 to 1700. (3-12)

✱PROVIDENCE-RADIO: Voice fac comm. VHF voice fac comm at commun stn, Transmits on and gds 116.1 mcs, cont. VHF range will be comm soon at lat 41-40-32, long. 71-50-49. Freq. 108.7 mcs. Ident. "PR". Visual courses: 59°,239°. Aural courses: 149°,329°. Var. 14° W. Class: VARW.

[redacted]

CLARK FLD (CHARLESTON)-Strips rough. (4-19)

COLUMBIA-RADIO: Courses aligned by ground check only. (3-14)

FLORENCE ARPT-Closed ngts (bcn,rnwy,obst lgts inop). Use rnwys only. (3-13)

[redacted]

GEORGETOWN CO. ARPT (GEORGETOWN)-Bcn inop. (12-1)

GREENVILLE AAB-Wind tee rmvd. Tetrahedron lgts inop. Non-rdo-equipped acft watch twr for landing direction. Occasional heavy glider traffic. Maintenance 0830 to 1700 daily. N/S, E/W rnwys closed. (3-17)

LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr will be inop during period when wind velocity at Columbia is in excess of 25 MPH.

MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (1-29)

✱MYRTLE BEACH AAF-RADIO: Army VHF DF stn decomm. (3-17) FLD: Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)

OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (12-5)

PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs)

✱SHAW FLD (SUMTER)-RADIO: VHF DF stn opers 0600 to 2400 and other hrs on req. (3-11) FLD: No 73,91 oct. (12-11)

WOODWARD FLD (CAMDEN)-RFC planes parked entire fld off rnwys. Use rnwys, taxi strips only. No facs for closing flight plans other than fone. Flgt plans should be closed with Shaw Fld twr before landing. Closed ngts. (12-6)

[redacted]

ABERDEEN ARPT-Equip. on fld days. (3-16). These data rcvd too late for ⓪ symbol.

ANDERSON ARPT (MITCHELL)-Use strips only. (12-2)

BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (12-10)

BIEDENFELT FLD (FAULKTON)-Hay stacks on fld.

BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (11-15)

RAPID CITY AAB-RADIO: Army ILS temp suspended. (1-3)

SIOUX FALLS ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (1-8)

W.W. HOWES ARPT (HURON)-Closed to all acft exceeding 25,500 lbs. Btinding 30 million candle pwr ceilometer 1000' NW bcn. (3-13)

[redacted]

✱BERRY FLD (NASHVILLE)-RADIO: Middle, outer mrkrs of CAA ILS will be inop for installation of compass lctrs. Mar 17, modulation of 90 and 150 cycles reduced from 50-50 to 20-20 resulting in 5-1/2° course width and producing standard CAA fac. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)

✱✱CHATTANOOGA ARPT-LOVELL FLD-Three 200' twrs of Rdo Stn WDEF, moved to new lctn, 7.5 mi W (270°) true at lat 35-02-19, long. 85-20-26, lgtd. Old 360' twr 7 mi W dismantled. (3-4) Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)

CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left hand traffic, to N right hand traffic. (7-24)

CUMBERLAND FLD (NASHVILLE)-Strips under const.

EMBRY RIDDLE FLD (UNION CITY)-Use rnwys only-parked acft.

GALLATIN INT, SITE 66, DL-LV-On or about Apr 1, lighting facs including bndry obst and wind cone lgts will be discont. Course lgt changed to red. No change in char. 24" rot. bcn with red course lgts will remain in oper. (3-7)

ISLAND ARPT (KNOXVILLE)-150' lgtd twr Rdo Stn WROL being erected 4.5 mi NW (300°) true. Completion of twr delayed account weather. (2-27)

✱KNOXVILLE-RADIO: Mar 8, low pwrd range, 3.2 mi SW of McGhee Tyson Arpt decomm.

KNOXVILLE-McGHEE TYSON ARPT-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of Ramp NE of Admin Bldg. (3-13)

LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.
★MEMPHIS ARPT-RADIO: CAA twr now gds 3105,4495,6210,3117.5 kcs, 126.18,122.5 118.7 mcs. (3-17). These data rcvd too late for inclusion on data page. Outer compass ltr of CAA ILS inop (interference). (2-26) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 mph. At such times, traffic will be controlled by lgt gun signal from ltn atop term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way radio transmitting on one of the following freqs: 3105,4495,6210 kcs. Other acft may land by obtaining previous authorization from CAA inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)
MEMPHIS FLYING SERVICE (MEMPHIS)-All N take-offs and landings, right hand traffic, all S take-offs and landing, left hand traffic. NE/SW and E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. (2-8)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7)
TRI-CITY ARPT-RADIO: Oct 5, CAA twr comm, operating 0800-2100. Lgt gun only. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (10-22)
WHITEVILLE INT, SITE 49, DL-LV-Unsafe heavy acft. Lgt acft use ctn. (2-3)

ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)
★★ALICE ARPT-250' twr of Rdo Stn KBKI, 4.5 mi NW (320°) true at lat 27-47-00, long. 98-04-35, obst lgtd. (2-6) Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn ltrn mrkr lgt pattern. (5-23)
BERGSTROM FLD (AUSTIN)-NE/SW, NW/SE rnwys closed. (2-10)
★BIGGS FLD (EL PASO)-RADIO: Army VHF DF stn now operates cont. (3-14) FLD: See notice under White Sands Proving Ground, N.M. (12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 0000 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
★★CARTHAGE ARPT-195' rdo twr 2 mi SW (250°) true at lat 32-08-20, long. 94-20-02, obst lgtd. (2-11)
CHILDRESS-RADIO: Sept 24, VHF range on exper status only comm and flight checked for cont oper at lat 34-22-12, long. 100-17-12, ltrd approx 5-1/2 mi SW of Childress. Freq. 109.1 mcs. Ident. "CM". Visual courses: 53°,233°; aural courses 323°, 143°. (7-25)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
CLEVELAND-RADIO: Oper on exper basis only. (1-9)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only during wet weather. All acft must be equipped with 2-way rdo. (3-15)
★★COLLEGE ARPT (DENTON)-4.2 N ABANDONED. (2-21)
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. (2-11)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-25)
CUDDIHY FLD (CORPUS CHRISTI)-Traffic left 600'. (3-15)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
★★DENTON ARPT-New fld, Lat 33-12, long. 97-12. (2-21). See page 96. Use N/S rnwy only. (2-21)
★★DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-600' rdo twr, 29 mi SW (217°) true at lat 28-12-01, long. 100-05-02, obst lgtd. (2-19) Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true (2-25)
EDNA ARPT-Ctn when wet. Use strips and taxi strips only. (2-22)
EGYPT, BCN SITE 13, ZN-HU-Soon will be perm discont. (12-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. Svcg 0800 to 1700 only. (2-24)
★EL PASO MUN. ARPT-ED ANDERSON FLD-RADIO: Middle and outer mrkrs of CAA ILS comm Mar 15. See page 88. Ground checked only.
★★ENGLISH FLD (AMARILLO)-RADIO: Soon, compass ltr will be comm at the outer mrkr site of CAA ILS. Freq. 293 kcs. Ident. "X". FLD: 53' antenna pole erected 3250' NE of end of NE/SW rnwy, obst lgtd. Use rnwys, taxi strips only. 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. Five 300' lgtd twrs of Rdo Stn KGNC being erected 15 mi NE (30°) true. (1-19)
FAIRCHILDS, BCN SITE 16, ZN-HU-Will be perm discont soon. (12-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Soon will be perm discont. (12-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (12-31)
★★FORT WORTH AAF-RADIO: Army air/gnd stn now operates on following high freqs in addition to VHF: 4765,2936,4630 kcs, voice; 4595,8200 kcs CW. (3-12) FLD: 202' rdo twr, 1 mi E (80°) true at lat 32-46-21, long. 97-24-48, obst lgtd. (2-24) E/W rnwy closed. 40' trees immediate end Rnwy 35L. (12-20)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
★★GALVESTON ARPT-307' rdo antenna ltrd 7 mi NE (55°) true, at lat 29-19-12, long. 94-46-24. (2-24) 200' rdo twr ltrd 7 mi NE (55°) true at lat 29-19-12, long. 94-46-24, obst lgtd. (2-26)
GARWOOD, BCN SITE 11, ZN-HU-Soon will be perm discont. (12-12)
GASKIN FLD (SHERMAN)-Use rnwys only.
GIBBS FLD (FT. STOCKTON)-Use rnwys only-parked acft. Use only in emerg.
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GOODFELLOW FLD (SAN ANGELO)-Use rnwys only. Ctc Goodfellow Rdo 15 mi out in IFR weather. Acft flying N or E on range maintain odd 1000' alts. Acft flying W or S maintain even 1000' alts unless otherwise advised by Goodfellow Radio. Local instrument acft using range. Ltd parking, servicing facilities. (1-8)

GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT (1-6)
GUTHRIE-RADIO: VHF range flight checked and comm on cont oper on an EXPER BASIS ONLY at lat 33-46-30, long. 100-20-09. Freq. 108.3 mcs. Ident. "UH". Visual courses: 72°, 252°, aural courses: 162°,342°. Blue sector in North quad "N" in E quad, "A" in W quad. (1-10). Var. 11° E.
HALLETSVILLE, BCN SITE 8, ZN-HU-Soon will be perm discont. (12-12)
HARLINGEN MUN. ARPT-100' twr Rdo Stn KGBS, 5 mi SSW (197°) true being increased in height approx 40' daily until reaching 425', obst lgtd. (3-11)
HEARNE BCN SITE, 15, GS-WC-Bcn inop. (6-16)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. (12-27)
HICKS FLD (FT. WORTH)-Use strips only-parked acft (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kcs transmitter and rcvr temp inop. (3-12)
HOLMAN ARPT (WICHITA FALLS)-Use strips only. Ctc Wichita Falls Rdo for ngt landings. (5-12)
HOUSTON ARPT-RADIO: CAA ILS will be comm soon serving the NE/SW rnwy with approach from the SW. Voice equipped lclzr will operate on 109.9 mcs. Ident. "HU". Will be lctd 2700' from NE end of NE/SW rnwy. Glide path will operate on 333.8 mcs, lctd 800' NE of SW end NE/SW rnwy, 400' SE of rnwy centerline. Two mrkrs: middle mrkr 0.66 mi. from SW end NE/SW rnwy on rnwy centerline keyed alternate dots and dashes. Outer mrkr 4.78 mi from SW end of NE/SW rnwy on rnwy centerline keyed 2 dashes. (3-5) FLD: Four 190' twrs rdo stn KATL being erected 15 mi NW (313°) true. (2-19) Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (12-31)
JOAQUIN-RADIO: VHF range operating on experimental basis only.
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°,308°, aural courses: 38°,218° (3-6)
KELLY FLD (SAN ANTONIO)-Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. (1-2)
KENDLETON, BCN SITE 14, ZN-HU-Soon, will be perm discont (12-12)
LAMESA ARPT-260' rdo twr being erected approx 3.5 mi SE (130°) true. (3-17)
LAMESA FLD-Holes in fld. (10-16)
LAREDO ARPT-Acft taxi to S hangar on main ramp for svcg. Tetrahedron unlgtd, uncontrollable. Ctc Laredo Rdo for landing information. (12-14)
LAUGHLIN FLD (DEL RIO)-Closed-emerg use only.
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. Temp lgtd 73' twr 600' due N of Admin. Bldg until approx. Apr. 21. (3-10) 520' rdo twr under const. 8.7 mi SE (120°) true. (1-30)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
**Mc ALLEN ARPT-150' rdo twr erected 4 mi ENE (70°) true, at lat. 26-11-44, long. 98-10-57, obst lgtd. (2-24)
MEACHAM FLD (FT. WORTH)-In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115°) true, temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Soon, approach lgt lane on N end N/S rnwy will be discont. 285' twr rdo stn KCNC being erected 5 mi SE (135°) true. (3-5)
MINERAL WELLS ARPT, new-Entire fld avail. in dry weather. (1-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lights. (3-17)
NIXON, BCN SITE 4, ZN-HU-Soon will be perm discont. (12-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Soon will be perm discont. (12-12)
PLEASANTON-RADIO: FM on S course of San Antonio (Alamo) range will be decomm. about Mar. 27. (3-14)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDSVILLE INT, SITE 5, JI-FV-Rough. (3-3)
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 clsd. Use rnwys, taxi strips only. Civil. acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. Rnwy 17L-35R closed for ngt scheduled air carrier opers due to inadequate rnwy lighting. (2-28). 180' rdo twr being erected 3 mi SSE (158°) true (2-13)
ROBERT MUELLER ARPT (AUSTIN)-Acft landing or taking off on Rnwy 34R use right traffic pattern. Acft landing or taking off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (1-14)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip removed. (3-17)
**RUSK CO. ARPT (HENDERSON)-New fld. Lat. 32-08-30, long. 94-50-00. (1-30)
See page 120 Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio ATC. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stns and adhere to instructions issued by San Antonio ATC. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
✱SAN ANTONIO ARPT-ALAMO FLD (SAN ANTONIO)-RADIO: CAA ILS outer mrkr compass lctr comm Mar. 14. See page 142. FLD: Acft arriving after dark rqrd to have 2-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Use rnwys only. Unlgtd N/S rnwy avail. all acft days. (1-10)
SKYHAVEN ARPT (MIDLAND)-Hangar under const. (3-17)
**SOUTH PLAINS AAF (LUBBOCK)-255' twr of Rdo Stn ESEL, 5 mi SSE (170°) true at lat. 33-34-53, long. 101-48-38, obst lgtd. (2-6) Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Svcg, opers avail. 0800 to 2200. Ltd transportation, no housing, messing facs. (12-12)
STAMFORD ARPT-155' twr rdo stn KDWT being erected 3 mi SSE (160°) true.(2-19)
**STINNETT ARPT-New fld. Lat. 35-49-45, long. 101-20-30. (2-8). See page 60.
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 800' above terrain 1367' MSL. Avail. days only. Rnwy 17-35 closed. (3-1)
✱SULPHUR SPRINGS-RADIO: Mar. 17, H fac recomm. Freq. 224 kcs. Ident. "ZO" Will be in cont oper without voice. Class: MHW. These data rcvd too late for inclusion on data page and chart.
T.C.U. ARPT (FT. WORTH)-Use E/W strip in wet weather). (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana Arpt. 0800-1615 daily except Sat. and Sun. All acft cautioned to fly above 1500' over this area.
VICTORY FLD (VERNON)-Use rnwys only-parked acft.Avail. days only. (12-30)

VIENNA, BCN SITE 10, ZN-HU-Soon will be perm discont. (12-12)
WHITE FLD (BRADY)-CLOSED. (8-7)
WINK-RADIO: Rng figt-checked Mar. 17, courses correctly aligned.
WOLD CITY ARPT-Use in emerg. only. (2-25)
WOODSON ARPT (TEMPLE)-On or about Apr. 1, bcn, bndry, obst lgts will be discont. (3-10) Rough - use rnwys only in wet weather. (2-4)

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BRYCE CANYON-RADIO: 116.1 mc transmitter and receiver, 131.7 mc receiver and 111.1 mc transmitter temp inop. (10-2)
BRYCE CANYON INT, SITE 45, LA-DV-CLOSED (snow) (1-30)
DELTA ARPT-Trans acft use rnwys, taxi strips only. (12-31)
ENTERPRISE INT, SITE 39, LA-SL-Closed to lgt acft-rough. 25' unlgtd bldg under const adj fld 90' N of SE corner. (3-13)
★FAIRFIELD-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-7)
HANKSVILLE-RADIO: 111.1 mc transmitter and 131.7 mc rcvr temp inop. (1-23)
★HILL FLD (OGDEN)-RADIO: Army VHF DF stn now in cont oper on 139.32,140.58 mcs. Air calibration reveals bearings in quadrants 30° to 140° from stn are unreliable due to rugged mountainous terrain. (3-4)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Trench across taxiway, mrkd. Equip. on fld days. Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. New N/S rnwy under const 300' W of present N/S rnwy. (3-14)
PROVO ARPT-Const until approx Apr 3, 1947. Land at own risk. (2-20)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. (3-15). These data rcvd too late for ⓞ symbol.
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. (1-2)
SALT LAKE CITY-RADIO: Auto. range monitor, sys on N course temp inop. Temp remote monitor. sys. which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys-shoulders soft. Right traffic when winds are from S,SE, or E. (12-26)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Opers inop 1700 to 0730. Fld closed 1800 to 0730 except on 24 hrs advance notice and in emerg. Obst lgts on mtns N and W of fld inop. (2-3)

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BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only (12-31)
BURLINGTON ARPT-Use rnwys only (3-14)

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ALBERTA ARPT-ENE/WSW strip rough. Ends, sides ENE/WSW, NNW/SSE strips mrkd by 12' yellow mrkrs. (1-14)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 9 p.m. every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgtd. (2-21)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE-RADIO: Range figt-checked Mar. 5, courses correctly aligned.
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. (3-3)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHILHOWIE INT, SITE 29B, NA-WA-CLOSED (snow) (2-27)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req. with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800-1630 Monday thru Friday except on holidays and on 2 hours notice Fld lgting sys under repair, unreliable. Use rnwy and taxi strips only, soft shoulders and trenches along sides of rnwys and taxi strips. Equip on fld. Pilotless rdo-controlled acft operating days Mon thru Friday. Other acft in vicinity proceed with caution. (2-28)
★DAHLGREN NAF PROVING GROUND-RADIO: Navy twr freq changed to 375 kcs, 142.74 mcs. (3-3) FLD: CLOSED TO TRANS MIL ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Off. Flights must be cleared thru one of the following: Naval Air Stations: Anacostia, D.C.; Patuxent River, Md.; Norfolk, Va.; Quonset Point, R. I.; Cape May CGAS, N. J., Inyokern NAF, Calif.; NAF Torpedo Stn., Newport, R.I.; Naval Acft Factory, Philadelphia, Pa.; Cherry Point MCAS, S. C.; Quantico MCAS, Va. AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld, Va.; Wright Fld, Dayton Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N. J. (3-6)
DANVILLE ARPT-Use rnwys, taxi strips only, bal fld soft, rough. Only Rnwy 2-20 lgtd ngts. Tetrahedron free swinging. (1-11)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg. only (caretaker status - no facs) (2-19)
★FRONT ROYAL-RADIO: Mar. 3, range freq changed to 359 kcs. Rng flight-checked Mar. 6, courses correctly aligned.
GORDONSVILLE INT, SITE 51, NA-WA-Soft in wet weather. All types acft use ctn during winter months. (1-17)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (1-10)
••HYBLA VALLEY ARPT (ALEXANDRIA)-Name changed to Alexandria Airport. (2-21) See page 77.
LANGLEY FLD-RADIO: N course of Army range swinging 5° W, bearing 167°. (1-15) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine aircraft. (1-14)
LOVING FLD, SITE 35 A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. Soft during thawing weather (3-13)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status - no facs). (2-19)
MT. VERNON-See Special Notice under District of Columbia)
NORFOLK-RADIO: VHF range comm FOR TEST PURPOSES ONLY. Lctd at lat 36-48-18, long. 76-12-06. Ident "NW". Freq. 108.7 mcs. Visual courses: 20° 15', 200° 15'. Aural courses: 107° 15', 287° 15'. Class: VARW. Aligned by ground check only. (3-7)
NORFOLK NAS-EAST FIELD-Shoulders adj perimeter taxiway soft. Pilots on Southbound coastal flights proceeding in accordance with IFR to NAS Norfolk, shall establish radio ctc with twr at NAAS Chincoteague, Va., for futher clearance instructions from Navy Norfolk. Pilots on Northbound coastal flights proceeding in accordance with IFR to NAS Norfolk shall establish radio ctc with Navy Weeksville Radio, NAS (LTA) Weeksville, Elizabeth City, N.C., for further clearance and instructions from Navy Norfolk. Equipment on fld. (7-22)
OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted 1630 to 0800 Mon thru Fri. Fld facs avail. on week-ends and from 1630 to 0800 Mon thru Fri for emerg opers only upon prior notification. (3-12)
ORANGE CO. ARPT-Strips muddy in wet weather. (12-29)
PENINSULA ARPT (HAMPTON)-Right traffic pattern. (1-24)
PETERSBURG ARPT-Avail. emergency landings only. (1-20)
PRESTON GLENN ARPT (LYNCHBURG)-Use rnwys only during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)

VIRGINIA

PULASKI-RADIO: Range flight-checked Mar 5, courses correctly aligned.
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (11-14)
RICHMOND-Elko Aux Fld, 5 mi E of Richmond AAB, is similar in design and layout to the Richmond AAB, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
★RICHMOND AAB-RADIO: 20-20 per cent modulation of CAA ILS gnd-checked only. (3-11) FLD: Ltd army svcg facs. Avoid using 1000' rnwy extensions. Rnwy,taxiway shoulders soft. Acft landing this fld without estab. rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys.(2-18)
★ROANOKE-RADIO: Mar 12,range freq changed to 371 kcs. Following adjustments courses may have shifted.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. S6ft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn E/W strip in wet weather. (3-17)
VALLEY ARPT (WAYNESBORO)-Ctn when wet. (12-17)
WINCHESTER ARPT-E end E/W strip rough. Ctc Front Royal Rdo or circle fld before landing. (6-7).
WOODRUM FLD (ROANOKE)-Ext local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

WASHINGTON

SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3;, Spokane Sectional, and Washington 5 Danger Area charts).
ARLINGTON NAAS-Use in emerg only (caretaker status-no facs)
BARRY'S SKYHARBOR ARPT (TACOMA)-Non-standard traffic patterns. (2-19)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (2-3)
CLE ELUM ARPT-Non-standard traffic patterns. (2-19)
COLVILLE ARPT-NW/SE strip closed. (11-6)
COUNTY-CITY ARPT (PORT TOWNSEND)-Non-standard traffic patterns. (2-19)
COUPEVILLE OLF-Closed except in emerg. Training use requires 24 hrs advance notice thru Whidbey Island NAS. (9-11)
DOROTHY SCOTT ARPT (OROVILLE)-2' weeds S 1000' N/S strip. (7-1)
EASTON INT, SITE 5B, SA-HL-CLOSED (soft). (3-12)
ELLENSBURG-RADIO: Range courses aligned by ground check only. (3-6)
★EVERETT-RADIO: Overseas-Foreign Aeronautical Commun Stn (KCJ) Air carrier air/gnd freqs 1638,3082.5,5037.5,6537,9980 kcs rcvg and transmitting. This corrects AIRGI, Vol. 1, No. 26.
FAIRWEATHER FLD (REPUBLIC)-Avail. lgt ski-equipped acft only. (12-31)
FELTS FLD (SPOKANE)-Fancher Bcn near Felts Fld inop. Take-off & land on sod area before reaching taxiway near center of fld.N side rnwy mrkd.Equip.on fld.(2-7)
HAFER'S RANCH ARPT (CHEWELAH)-Closed pending decision re abandonment.
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle.(9-10)
KING CO.ARPT-BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt non-rdo equipped acft use mrkd dirt landing strip, E side fld adj to main rnwy. Traffic patterns made to E at 1000', Right traffic when taking-off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns,taxiing off or back on dirt area made toward twr. Acft using dirt stripavoid flying over main rnwy or appchs. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld, must register with Co. Fld Office, excepting only those who have made other arrangements with fld management. (3-5)
LAKE SAMMAMISH SEAPLANE ANCHORAGE (ISSAQUAH)-CLOSED. (4-26)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Non-standard traffic patterns.
MARTIN FLD (COLLEGE PLACE)-Const. equip. on strips. Strip 2500 x 150' cleared and flagged center of fld for landing. (1-2)
McCHORD FIELD (TACOMA)-RADIO: Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (10-1)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to waan local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
ORCAS ISLAND ARPT (EASTSOUND)-Fld wet until Mar. 24. (2-24)
PAINE FLD (EVERETT)-Ngt lighting immediately avail. to rdo equipped acft by contacting Everett Rdo. Closed to all other acft between sunset and sunrise except by arrangement with arpt manager or CAA Commun Stn. (2-5)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status - no facs).
PIERSON ARPK (VANCOUVER)-Const Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Non-standard traffic patterns. (2-19)
RICHLAND AIR BASE-NW/SE strip under const. (8-19)
ROSALIA MUN. ARPT-12'' grass and weeds. (7-16)
S & S AIRSTRIP (PUYALLUP)-Non-standard traffic patterns. (2-19)
SAVAGE FLD (CHENNEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE NAS-Single-engine acft approach stn from Kirkland at 1000' alts. Seaplane landing approach over Lake Washington from N ro S under 200'. Rnwy 14-32 lgtd 30 min. prior to arvls and take-offs and on req from sunset to sunrise. Tetrahedron lgtd sunset to sunrise. Three lgtd 30' poles 150' E of Rnwy 14-32 near GCA unit. (1-29)
SEATTLE-RACOMA ARPT (SEATTLE)-RADIO: Sonn. bndry and outer mrkr of CAA ILS will be discont. and outer mrkr will be relctd 4 1/2 mi S of S end of N/S rnwy. Middle mrkr will be installed 3444' S of S end N/S rnwy, keying alternate dots and dashes. Glide path will be installed on 335 mcs, to be lctd 1150' N of S endof N/S rnwy and 400' W of centerline. Lclzr continues to operate on 110.3 mcs. Prior to and during const period signals may at times be spurious and are not to be relied upon for any purpose. (2-14) FLD: Equip on fld days. Const approx 20' N of N end NW/SE rnwy. Glide path bldg and antenna mast being erected 400' W of N/S rnwy and 1150' from the S end thereof. Taxiway #1 from intersection to S end closed. (2-19)
SPRAGUE ARPT-Use N side and 1050' W end of strip, bal rocky and soft. Cattle on fld. (9-14)
SULLIVAN LAKE ARPT (METALINE FALLS)-2' grass and weeds. (7-1)
SUNNYSIDE ARPT-Non-standard traffic patterns. (2-19)
TOLEDO-WINLOCK INT, SITE 63B.SF-SA-Use strips only-sodded portions soft.
WALLA WALLA AAF-No opers office. Equip. on fld days Mon thru Fri. (2-10)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (3-18)
WILBUR ARPT-Center 200' strip avail. Equip on fld. All taxiing on fld is on the left side to strip. (12-13)
YAKIMA CO. ARPT-Use rnwys, taxiways only, graded areas rough with ridges of dirt 6'' to 2' high. Equip on fld 0800 to 1600 daily. (2-27)

[illegible]

TRINIDAD-Carlsen Field-Edinburgh (North)-Rnwy closed to all Navy traffic except in emerg. Use Xeres (South) rnwy.

WEST VIRGINIA

BOLLINGER FLD (CHARLESTON)-Obst lgts on 240' twr Rdo Stn WKNA 5 mi N (360°) true inop. (2-13)
ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (1-6)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (12-31)

WISCONSIN

ANTIGO ARPT-Use with ctn during thawing weather. (3-11)
**BEAVER DAM ARPT-New fld. Lat 43-27, long. 88-52. (2-27) See page 33.
**BEAVER DAM ARPT, INC-2 mi N. ABANDONED. (2-27) See page 33.
BOYCEVILLE ARPT-Fld soft in wet weather. (2-17)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (3-12)
CLINTONVILLE ARPT-Use plowed strips only. (1-8)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (9-26)
EAU CLAIRE MUN. ARPT-Use rnwys only. Shoulders rough and soft pending completion of grading opers in Spring 1947. (11-18)
GENERAL MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flgts to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. E taxiway closed. Obst lgt atop 95' chimney SW corner fld inop. (12-30)
GINNOW ARPT (OMRO)-Use strips only. (1-6)
LA CROSSE ARPT-Use rnwys only. (9-24)
LA CROSSE INT, SITE 23A, CG-TWIN CITIES-CLOSED (soft). (3-12)
**MARSHFIELD ARPT-Rdo twr, 1504' total overall height above MSL erected 4.5 (20°) true NNE at lat 44-42-05, long. 90-09-37, red lgts at 1/3, 2/3 levels and flash. red code bcn on top. (3-5)
MOREY ARPT (MADISON)-Use strips only. (1-8)
PLATTE ARPT (PLATTEVILLE)-CLOSED (const). (6-12)
RICHLAND CENTER ARPT-Wheel-equipped acft use ctn. (1-2)
SHAWANO ARPT-Use rnwys only. (1-2)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (1-3)
SOLON SPRINGS ARPT-Const - unusable. (10-29)
**STEVENS POINT-455' twr of Rdo Stn WLBL, at lat 44-36, long. 90-02, collapsed Feb 13. (2-26)
STEVENS POINT ARPT-Use rnwys only. (1-20)
TOMAH ARPT-N/S strip under const. (2-24)
**TRUAX FLD (MADISON)-300' twr of Rdo Stn WHA/FM, erected 5 mi SW (218°) true. (3-3) Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 to 0730. (2-3)
VETERANS FLD (MENOMONIE)-ROUGH. (1-2)
WAUKESHA CO. ARPT-Acft turn left after landing and taxi on right side of strip. Soft until approx Apr 15, trans acft land at own risk. (3-11)
WINNEBAGO CO. ARPT (OSHKOSH)-Use N/S, E/W rnwys only. (1-8)

WYOMING

BUFFALO INT, SITE 27, CX-GT-CLOSED (snow). (2-26)
★CASPER-RADIO: Mar 6, additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs.
**CASPER AAF-Rnwy lgts avail. (3-11) See page 25. No opers office. Rnwy lgts Rnwy 34 inop. (3-11)
★CHEYENNE-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-6)

WYOMING

CHEYENNE ARPT-Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
EVANSTON ARPT, new-Soft and hazardous during thawing weather. (3-14)
FORT BRIDGER INT, SITE 9, SL-OH-Equip. on fld intermittently. Strips soft and hazardous in thawing weather. (3-11)
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
KEMMERER INT, SITE B17, BX-RT-S 3000' of long strip avail. lgt acft, bal fld rough. (3-5)
★LARAMIE-RADIO: Additional VHF voice fac avail. at commun stn. Transmits on 111.1 mcs. (3-10)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan Rdo for fld lgts. (2-6)
SUSSEX INT, SITE 22A, CX-GT-CLOSED (snow). (2-4)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 30 million candle pwr ceilometer projector 1000' N of bcn. (3-13)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or C.A.A.) are available to any plane in emergency. The Army and Navy installations are listed in the next two items. The C.A.A. -G.C.A. units at Washington National Airport, La Guardia Field and Chicago Airport will be available in the immediate future.

To secure GCA assistance pilots should call the associated control tower for instructions. In addition to the working frequencies listed below, Army and Navy GCA emergency V.H.F. transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay [although such indirect transmission is admittedly not desirable] GCA instructions on the 200-400 kc band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

Civil pilots desirous of making practice GCA approaches should make their own arrangements with the Commanding Officer of the base whose facilities they intend to use.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use are as follows: HF Communications: 3475, 4890, 6640 kcs. VHF Communications - 134.64, 142.02, 143.64 mcs. As a safety precaution Navy GCA Units will also be prepared at all times to control both AAF and Navy aircraft on 140.58 mcs., emergency frequency. In addition to the standard frequencies listed in above paragraph the Navy GCA is prepared to transmit on HF from 2000 to 18100 kcs, and receive on 1500 to 9050 kcs. to aid any plane in emergency. It is the responsibility of the pilot desiring GCA assistance to establish communication with the appropriate control tower for preliminary approach instruction. The pilot will then be instructed as to the proper frequency for contacting the GCA Unit. If the pilot is unable to transmit or receive on the standard GCA frequencies, arrangements can be made through the control tower for the GCA Unit to shift to frequencies the plane can use, in the HF and VHF bands listed above. Navy GCA Operational Units are listed as follows: Charlestown NAAS, R.I.; Corpus Christi NAS, Tex.; Jacksonville NAS (Lee Fld.), Fla.; Moffett Field NAS, Calif.; Miramar MCAS, Calif.; New York NAS (Floyd Bennett), N.Y.; Norfolk NAS, Va.; Olathe NAS, Kans.; Oakland NAS, Calif.; Patuxent River NAS, Md.; Saufley Field NAAS, Fla.; Seattle NAS, Wash.; Whidbey Island NAS, Wash.;. Weather minimums range from 100' and 1/4 mi. to 200' and 3/4 mi. All the stations except Moffett Field, Calif., and Patuxent River, Md., which are in continuous operation, require 30 to 60 minutes warm-up.

ARMY GROUND CONTROLLED APPROACH (GCA): (A) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (B) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA Unit. Example: "Army 5555 this is Andrews Tower, do you have channel G, over". "Andrews Tower this is Army 5555, channel G available, over". "Army 5555 this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555 this is Andrews GCA, your position is now etc . . .". (C) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (D) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

ARMY GCA FACILITIES

STATION	FREQUENCIES Transmitting	FREQUENCIES Receiving	HOURS OF OPERATION	WEATHER MINIMUMS	REMARKS
Fairfield Suisun AAF, Calif.	126.18,126.16, 131.40,134.10, 137.70,137.88 140.58;3475, 4890,6640 kc.	278 kc.or any freq. between 1500-18,000 kc. on req.	1100-1900 Mon-Fri.; 30 min. standby for emerg.& IFR other times.	For clearance purposes minimums estab.in TO-08-15-3 or AAF Regs 60-16 apply	Tng,emerg. and IFR
Barksdale Fld, La.	126.18,137.88, 140.58,137.70, 134.10 mc. 4890,3475,6640 kcs.	126.18, 137.88, 140.58, 137.70, 134.10 mc. 4495,6210 kcs.	0800-1700 Monthru Friday		
Westover Field, Mass.	C,D Channels	C,D Channels	One hr's notice		Probably in cont. oper. March 1.
Andrews Field, Md.	116.10,126.18, 134.10,137.70, 137.88,140.58 mcs.;3475,4890, 6640 kcs.	116.10, 126.18, 134.10, 137.70, 137.88, 140,58 mc. 3105,4495, 6210 kcs.	Cont.during IFR 0800-1700 daily & on 30 min. req.1700-0800 CFR		
Clinton Co.AAF, Ohio	116.1,137.70, 126.18,137.88, 140.58,134.10, mc.;3105,6440, 3475,4890,4495 kcs.	116.1, 137.70, 126.18, 137.88, 140.58, 134.10 mc.; 3105,6440, 3475,4890, 4495 kcs.	0800-2200 daily or 2200-0800 IFR or on 30 min. notice thru tower		
Langley Field, VA.	3475,4890,6640 kc.;116.1,126.18, 137.88,140.58, 134.1,137.7 mcs.	3105,4495, 6210 kcs.; 116.1, 126.18,137.88, 140.58,134.1, 137.7 mcs.			
Mitchel Field, N. Y.	116.10,126.18, 137.88,140.58, 134.10,137.70; 3475,4890,6640 kcs.	116.1,126.18, 137.88,140.58, 137.70,134.10 mcs.;3105, 4495,4765 kc.	Cont.during IFR,GCA 500' practices 0900-1130 and 1300-1630 during CFR,or on req.during CFR within 40 min.		

INDEX TO FLIGHT PLANNING CHARTS

NOTICE TO AIRMAN'S GUIDE SUBSCRIBERS: (a) Our recent request for advice as to how the data pages should list radio and airport data is resulting in returns favoring consolidated data (similar to page 124) about six to one. (b) The Government Printing Office has advised us that it is impossible to three-hole punch the Guide on the present presses because these presses not only print the publication, but also wrap it in addressed wrappers. (c) On the data pages, facilities must be alphabetized according to their charted names to permit ready reference when in flight. The new Index of Facilities, however, which lists all the facilities in each community, will facilitate pre-flight planning and the selection of a particular airport at the city of destination.